



PROMOTION, TENURE, AND REAPPOINTMENT FORM

NAME: Sydney Erin Everhart

DEPARTMENT: Plant Science and Landscape Architecture

SCHOOL/COLLEGE: College of Agriculture, Health, and Natural Resources

CAMPUS: Storrs, CT

DATE OF HIRE: August 23, 2021

DATE OF TENURE: (awarded/anticipated) August 23, 2021 (tenured upon hire)

CANDIDATE FOR (Check all that apply):

☒ Promotion to: Professor

☐ Tenure

☐ Reappointment in a position leading to tenure

☐ Reappointment in a position not leading to tenure

SECTION ONE: PROFESSIONAL EXPERIENCE AND EDUCATION

Name: Sydney Erin Everhart

A. ACADEMIC APPOINTMENTS AT THE UNIVERSITY OF CONNECTICUT

Present Rank: **Associate Professor** Since: **08/21**

B. PROFESSIONAL EXPERIENCE PRIOR TO UCONN

<u>Title and organization</u>	<u>From</u>	<u>To</u>
Associate Professor, University of Nebraska–Lincoln (UNL)	08/19	08/21
Assistant Professor, UNL	08/14	08/19
USDA-NIFA Postdoctoral Fellow, Oregon State University	08/12	08/14

C. EDUCATIONAL BACKGROUND

<u>Degree</u>	<u>Field</u>	<u>Institution</u>	<u>Date:(mm/yy)</u>
Ph.D.	Plant Pathology	University of Georgia (UGA)	08/12
M.S.	Biology (Ecology)	Univ. of Central Missouri (UCM)	05/07
B.S.	Biology	University of Iowa (UIowa)	08/05

D. HONORS AND AWARDS

During time in rank as associate professor:

- Lead21, Graduate of Class 19, 2024
- Cairns Distinguished Alumni Award, Department of Biology, UCM, 2022

Prior to time in rank:

- “Top 5 Most Viewed Articles of 2017” in *PeerJ*’s section on Agriculture Science, Genetics, and Mycology for Kamvar *et al.* 2017
- Cover image of *Phytopathology* from figure published in Grünwald *et al.* 2017
- “Editor’s Pick” in *Plant Health Progress* for Dugan and Everhart 2017
- Schroth Faces of the Future Award in Epidemiology, American Phytopathological Society (APS), 2016

Awarded as a student:

- K.E. Papa Outstanding Ph.D. Student, Department of Plant Pathology, UGA, 2012
- Second Place Oral Presentation, Broadus Browne Graduate Student Competition, UGA, 2012
- 11th I.E. Melhus Graduate Student Symposium Award, APS, 2011
- Grants-in-Aid-of-Research Award, Sigma Xi, 2011
- R.J. Tarleton Fellowship, awarded to one student nationally per year, APS, 2011
- Outstanding Graduate Teaching Assistant, Department of Plant Pathology, UGA, 2010
- C. Lee Campbell Student Travel Award, APS, 2009
- First Place Student Presentation, Georgia Association of Plant Pathologists, 2009
- First Place Graduate Thesis Award, one thesis selected per year in university, UCM, 2008
- Microbiology Research Award, Association of Southeastern Biologists, 2007
- Outstanding Graduate Student, Department of Biology, UCM, 2007
- Quarterman-Keever Poster Award, Southeastern Ecological Society of America, 2007
- Willard North Graduate Award for Research, UCM, 2006
- Dan Cooper Memorial Scholarship, Iowa State Horticulture Society, 2005
- Midwest Aquatic Plant Management Society, 2004
- “Iowa’s Promise...Our Youth” Grant, awarded to create wildflower garden, 2000

SECTION TWO: TEACHING AND CURRICULUM DEVELOPMENT

A. Narrative On Undergraduate and Graduate Teaching.

Teaching Philosophy – Today’s students are increasingly diverse with different learning styles and expectations. Most also need training to enter the non-academic workforce. My strategy is to utilize backwards design to identify learning outcomes and then design the course to meet those learning outcomes, while also integrating the latest teaching approaches and technology to ensure learning is accessible across a broad range of learning styles. I also create in-class exercises with professional development in mind that give students an opportunity to practice communication skills and team problem solving. My interests in student training has manifested in multiple successful grants (USDA-NNF, USDA-WAMS) and a nationwide survey on leadership development for graduate students in the plant science discipline¹.

Formal Teaching – My teaching experience includes leading and re-designing a team-taught graduate course in *Ecology and Management of Plant Pathogens* and developing and teaching a professional development course called *Success in the Sciences*. These courses were re/created using backward design and incorporated with active learning techniques, like think-pair-share, just-in-time-teaching, minute papers, student polling, role playing, sequence chains, and others. In 2017, my teaching was recognized by graduate students in the UNL Department of Plant Pathology, who responded in a survey that I was one of two faculty most deserving of recognition for teaching in our department. Here are examples of student comments in the past year for my courses, *Success in the Sciences* and *Seminar*:

PLSC 5898-003: Success in the Sciences (Fall 2023, 2 undergraduate + 7 graduate students, 3-cr)

“ Professor Sydney [drew] the outline of what are skills, knowledge, and [the] comprehensive way to prepare ourselves and understand the targeted opportunities and how [we] can use current features to meet with scientifically and systematically to guarantee success.

Sydney displayed expertise, in-depth knowledge, and willingness to help students learn and understand topics related to succeeding in graduate school.

Courses like this should be mandatory for every graduate major.

PLSC 5897-001: Seminar (Spring 2024, 12 graduate students, 1-cr)

She pointed out important details for making effective presentations.

Time in class was used efficiently and there is not much improvement that would need to be done.

She gave useful feedback on our presentations and improvements we could make in the future.

Clear explanation

Excellent !

”

Workshop Trainings – During my career, I have also developed and co-taught an outreach training workshop called *Introduction to R for Plant Pathologists* that uses real world plant pathology data and terminology as the scaffold for new R programming vocabulary. From 2017 to 2020, the workshop was taught to nearly 1,000 scientists, including a nationwide webinar hosted by the American Phytopathological Society that had ~300 people registered each day of the program. Many of the techniques in pedagogy that I employ were learned while I was a faculty member and I have been fortunate to be able to give back to the community by co-leading workshops and talks highlighting the application of these techniques, such as a workshop at the UNL ARISE Learning By Design workshop and at national conferences, such

¹ Da Silva, K.F., E. Burnham, J. Louis, D. Golick, and **S.E. Everhart. 2023. Nationwide assessment of leadership development for graduate students in the agricultural plant sciences. *PLoS ONE* 18(40): e0279216.

as the 2019 meeting of the North American Colleges and Teachers of Agriculture.

Mentoring – In the past 10 years, I have mentored 8 postdoctoral scholars, 12 graduate students, 18 undergraduate students, and direct supervisor for 13 staff. My graduate students and postdoctoral scholars have gone on to successful careers in academia (Iowa State, UC-Davis), industry (Corteva, Syngenta, FMC), government (USDA-ARS), and non-profit organizations (The Carpentries).

B. Courses Taught at UConn

Sem & Year	Course No. & Title	Solo(Y/N)	Enrollment
Spring 2024	PLSC 5897 Seminar	Yes	12
Fall 2023	PLSC 5898 Special Topics “Success in the Sciences”	Yes	9

C. Evaluation of Teaching

Copies of Student Experience of Teaching (SET) and the Assessment of Teaching Effectiveness (ATE) are now located within separate sections of Interfolio. The interfolio section on SET contains scores from courses taught at UConn in the past year and an ATE evaluation will be conducted in early fall semester 2024 and will be added to the dossier after it is completed.

D. Undergraduate Majors Advised in Past Five Years. – *None*.

E. Other Undergraduate Student Advising or Mentoring Activities.

Undergraduate Student Researchers (18) (underlined = co-author on manuscript):

During time in rank as associate professor:

1. Faith Neault, hourly student, UConn 2024–**present**
2. Sebastian Barnal, hourly student, UConn, Spring 2024; Fall 2024
3. Colby Legault, hourly student, UConn 2003–2024; Fall 2024
4. Michael Fenton, hourly student, UConn 2022–2024
5. Amelia Martin, research, UConn 2022–2023, Now MS student in my lab.
6. Jeffrey Remy, work study research, UConn, 2021–2022
7. Nicole Molloy, research, UConn, 2021–2022

NOTE: No undergraduates invited to join lab group in 2020 due to COVID-19.

8. Cristian Wolkup, UCARE award, IANR award, honors thesis; Nov 2018–Aug. 2020

Prior to time in rank:

9. Rachel Persson, UCARE recipient for research, May 2018–2019
10. Olivia Renelt, research, October 2018–2019
11. Isabel Chavez, research, November 2017–May 2018
12. Audrey Vega, research, November 2017–May 2018
13. Alex Johnson, research, July 2017–January 2018
14. Anthony Pannullo, IANR Research Award and honors thesis, May 2015–August 2017
15. Josh Hanson, research, Oct. 2014–December 2017
16. Morgan Thompson, research, May 2016–December 2016
17. Sarah Campbell, research, October 2014–May 2016
18. Flavio Nunes da Silva, visiting undergrad researcher from Brazil, May–July, 2015

F. Graduate Student, Postdocs And Visiting Scholar Advising/Mentorship Activities.

MASTER'S DEGREE ADVISING

As Major Advisor:

Name of Advisee	Year Admitted	Year Degree Awarded
Amelia Martin	2023	<i>In progress, 2025</i>
Afm Haque	2022	2024
Gulcin Ercan	2017	2019

As Associate Advisor:

Abigail Borgmier	2019	2021
Gabriella Martens	2019	2021
Meher Afroze Ony @UT Knoxville	2018	2020
Nicholas Arneson	2015	2018
Tugce Karacoban	2016	2018
Bryant Gabriel	2016	2018
Ashley Foster	2014	2016

DOCTORAL DEGREE ADVISING

As Major Advisor (9 total since 2015):

Abd Allah Saleh Mohammed	2023	<i>In progress, 2027</i>
Daniel Cerritos Garcia	2021	<i>In progress, 2025</i>
Sergio Gabriel Peralta	2018	2024
Asha Mane	2019	2023
Edgar Nieto Lopez	2016	2021
Nikita Gambhir	2015	2020
Karen Ferreira Da Silva	2016	2020
Srikanth Kodati	2015	2019
Julianne Matczyszyn	2015	2019

As Associate Advisor:

John Campanelli	2022	<i>In progress, 2025</i>
Troy Kamuda	2020	<i>In progress, 2024</i>
Roshani Budhathoki	2019	<i>In progress, 2025</i>
Michael Richter	2019	<i>In progress, 2024</i>
Ashley Stengel	2017	2022
Yen Ning Chai	2017	2021
Raquel Rocha	2014	2018
Madeline Dowling @ Clemson U.	2012	2018

MENTORSHIP OF POSTDOCTORAL FELLOWS OR VISITING SCHOLARS

Name of Fellow/Scholar	Year(s)
Bashir Tiamiyu	2023–present
Roy Davis Jr. II	2022–present
Srikanth Kodati	2022–2023
Rachel Koch Bach	2021–2022
Margarita Marroquin-Guzman	2017–2019
Zhian Kamvar	2017–2018
Thomas Miorini	2016–2018
B. Sajeewa Amaradasa	2014–2016

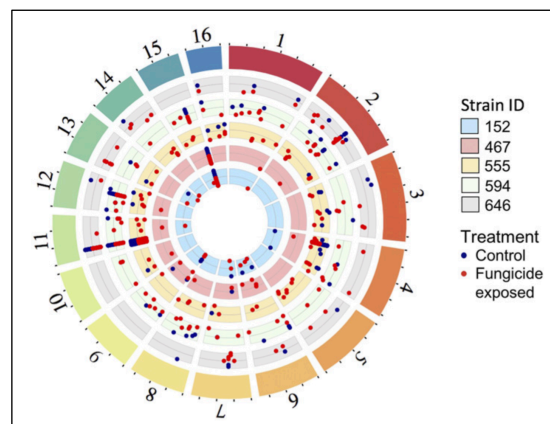
SECTION THREE: RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

A. Narrative On Research, Scholarship and Other Creative Work

My research program is focused on the application of molecular tools for elucidating the biology and epidemiology of fungal plant pathogens causing disease within cultivated crops, including dry bean, soybean, corn, broccoli, spruce, fir, and various cover crops. Goals of my research are to improve our understanding of disease epidemics and population dynamics over space and time, with the long-term goal to better understand the underlying processes that shape pathogen populations and the pattern of disease. A major underlying process is the emergence and evolution of fungicide resistance. Specific research projects have been conducted to improve our understanding mechanisms of fungicide resistance emergence^{2,3,4}, evaluation of plant breeding lines for resistance to disease⁵, and concomitant investigations into the pathogen population genetic structure, diversity / aggressiveness, and fungicide resistance.

Over the course of my academic career, I have developed an active and extramurally funded research program, and have also served as co-PI on a number of outreach and educationally focused grants. In my lifetime, I have been author or co-author on 128 poster and oral presentations at scientific conferences since 2001 and 49 peer-reviewed publications since 2008 (average 3.1 manuscripts / year), which have appeared in journals such as *Plant Disease* (Impact Factor = 4.5), *Phytopathology* (3.2), *PLoS ONE* (2.9), *PeerJ* (2.9), and *Plant Health Progress* (2.3). According to Google Scholar, I have achieved an H-index of 18, i10-index of 33, and my published works have accumulated 1,124 citations. While these metrics are not here in and of themselves meant to be hallmarks of impact or success, the intention is to show that there is sustained effort of some importance to my own, small scientific discipline of plant pathology. Relevance of this research is also noted by diversity of funding sources (see **Section F. Grants and Contracts** below).

Future Research – The long-term goal of my research that will continue drive my program over the next 5-10 years is to reduce reliance on chemical intervention and increase health and environmental sustainability of plant production systems through the application of quantitative molecular epidemiological tools to improve our understanding of plant disease. To that end, the next directions in my research program include collaboration with Dr. Yi Li on a \$10M USDA-SAS project to investigate disease resistance and pathogen diversity affecting turfgrasses nationwide in order to improve



Excerpt from: Gambhir, N.G., et al. 2021 *Phytopathology* showing genomic distribution of point mutations in the control (dark blue) and the fungicide-exposed strains (red) on the 16 chromosomes of plant pathogenic fungus, *Sclerotinia sclerotiorum*. This research did not show a direct effect of *in vitro* sub-lethal exposure to fungicides as a causal driver of mutation frequencies, which is a key question of interest to a broad range of scientists interested in mitigation of resistance emergence and evolution within pathogen populations. This research paper was the first of this kind to evaluate the effect of sub-lethal fungicides on genomic mutations for a fungal plant pathogen.

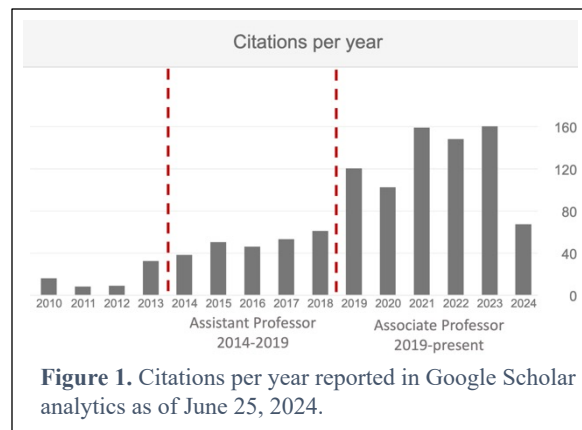


Figure 1. Citations per year reported in Google Scholar analytics as of June 25, 2024.

² Gambhir, N., et al. 2022. *mSphere*, pp.e00087-22.

³ Gambhir, N., et al. 2021. *Plant Health Progress*. pp.PHP-11.

⁴ Gambhir, N.G., et al. 2021. *Phytopathology* 111: 160-169.

⁵ Miorini, T.J.J., et al. 2019. *Tropical Plant Pathology*. 44:73-81.

Note: See list of peer-reviewed publications for full references.

low-input cool season turfgrass genetics (see **Section F5. Proposals Submitted** below) and I am also leading a \$2M multi-state grant for a USDA-SCRI project entitled, “V2.0 CTRL-ALT-DEL: Impacting disease management through management recommendations and tool development” in which the letter of intent is likely due in December, 2024. If either of these projects is funded, it will significantly bolster efforts to advance my research program towards my goal. Concomitant with these research funding goals, I will continue to pursue funding and programs that support training the next generation of scientists at the undergraduate, graduate, and postdoctoral levels.

B. Published Books, Book Chapters, and Edited Volumes.

B1. Books or Monographs – None

B2. Refereed Book Chapters

1. Keller, H.W., **S.E. Everhart**, C.M. Kilgore. 2022. The Myxomycetes: Biology, life cycle, genetics and reproduction. In: Stephenson, S., and C. Lado (eds) “Myxomycetes”, *Second Edition*, Academic Press, Atlanta, GA. Pp. 1–45.
2. Keller, H.W., **S.E. Everhart**, C.M. Kilgore. 2017. The Myxomycetes: Biology, life cycle, genetics and reproduction. In: Stephenson, S., and C. Lado (eds) “Myxomycetes”, Academic Press, Atlanta, GA. Pp. 1–40.
3. **Everhart, S.E.**, T.F. Tabima, and N.J. Grünwald. 2014. *Phytophthora ramorum*. In: Dean, R.A., A. Lichens-Park, and C. Kole (eds) *Genomics of Plant Associated Fungi and Oomycetes*, Springer, New York, NY. Pp. 159–174.

B3. Edited Volumes – None

B4. Books or Monographs in Press – None

C. Refereed Publications and Submitted Articles.

C1. Published and Accepted Journal Articles

****Corresponding or co-corresponding author**

Members of Everhart Lab: undergrad student, graduate student, or postdoc

During time in rank as associate professor:

1. Gambhir, N., Kodati, S., Adesemoye, A.O. and ****S.E. Everhart**. Fungicide sensitivity and non-target site resistance in *Rhizoctonia zeae* isolates collected from corn and soybean fields in Nebraska. *Plant Disease*. Submitted Feb, 2024. Accepted pending revision Aug. 20, 2024.
2. Nieto-Lopez, E., D.G. Cerritos-Garcia, R.A. Koch Bach, A. Petkar, C.D. Smart, C. Hoepting, D. Langston, S. Rideout, B. Dutta, and ****S.E. Everhart**. 2023. Species identification and fungicide sensitivity of fungi causing Alternaria leaf blight and head rot in cole crops in the Eastern U.S. *Plant Disease*. In press and online: doi.org/10.1094/PDIS-06-22-1318-SC
3. Nieto-Lopez, N., T.J.J. Miorini, C.A. Wulkop-Gil, M. Chilvers, L.J. Giesler, T.A. Jackson-Ziems, M. Kabbage, D.S. Mueller, D.L. Smith, J.M. Tovar-Pedraza, J.F. Willbur, and ****S.E. Everhart**. 2023. Fungicide sensitivity of *Sclerotinia sclerotiorum* from U.S. soybean and dry bean, compared to different regions and climates. *Plant Disease*. In press and online: doi.org/10.1094/PDIS-07-22-1707-RE
4. Da Silva, K.F., E. Burnham, J. Louis, D. Golick, and ****S.E. Everhart**. 2023. Nationwide assessment of leadership development for graduate students in the agricultural plant sciences. *PLoS ONE* 18(40): e0279216.
5. Kodati, S., N. Gambhir, G. Yuen, A.O. Adesemoye, ****S.E. Everhart**. 2022. Diversity and aggressiveness of *Rhizoctonia* spp. From Nebraska on soybean and cross-pathogenicity to corn and wheat. *Plant Disease*. 106:2689-2700.

6. Gambhir, N., S.D. Harris, ****S.E. Everhart.**, 2022. Evolutionary significance of fungal hypermutators: Lessons learned from clinical strains and implications for fungal plant pathogens. *mSphere*, pp.e00087-22.
7. Matczyszyn, J.N., Harris, T., Powers, K., **Everhart, S.E.** and Powers, T.O., 2022. Ecological and morphological differentiation among COI haplotype groups in the plant parasitic nematode species. *Journal of Nematology*, 54(1), pp.1-24.
8. Da Silva, K.F., **Everhart, S.E.** and Louis, J., 2021. Impact of maize hormonal interactions on the performance of *Spodoptera frugiperda* in plants infected with *Clavibacter michiganensis* subsp. *nebraskensis*. *Arthropod-Plant Interactions*, 15(5), pp.699-706.
9. **Everhart, S.E.**, N. Gambhir, R. Stamm. 2021. Population genomics of filamentous plant pathogens—A brief overview of research questions, approaches, and pitfalls. *Phytopathology* pp.PHYTO-11.
10. Gambhir, N., Kodati, S., Huff, M., Silva, F., Ajayi-Oyetunde, O., Staton, M., Bradley, C., Adesemoye, A.O. and ****Everhart, S.E.**, 2021. Prevention and detection of fungicide resistance development in *Rhizoctonia zeae* from soybean and corn in Nebraska. *Plant Health Progress*, pp.PHP-11.
11. Gambhir, N.G., Z.N. Kamvar, R. Higgins, B.S. Amaradasa, and **S.E. Everhart****. 2021. Spontaneous and fungicide-induced genomic variation in *Sclerotinia sclerotiorum*. *Phytopathology* 111: 160-169.
12. Guven, H., **Everhart, S.E.**, De Miccolis Angelini, R.M. and Ozkilinc, H., 2021. Genetic diversity assessments of brown rot pathogen *Monilinia fructicola* based on the six simple sequence repeat loci. *Journal of Plant Diseases and Protection*, 128(6), pp.1459-1465.
13. Kodati, S., Adesemoye, A.O., Yuen, G.Y., Volesky, J.D. and ****Everhart, S.E.**, 2021. Origin of agricultural plant pathogens: Diversity and pathogenicity of *Rhizoctonia* fungi associated with native prairie grasses in the Sandhills of Nebraska. *PLoS ONE*, 16(4), p.e0249335.
14. Ony, M., Klingeman, W.E., Zobel, J., Trigliano, R.N., Ginzler, M., Nowicki, M., Boggess, S.L., **Everhart, S.** and Hadziabdic, D., 2021. Genetic diversity in North American *Cercis canadensis* reveals an ancient population bottleneck that originated after the last glacial maximum. *Scientific Reports*, 11(1), pp.1-16.
15. Dundore-Arias, E.A. Elloe-Fadrosh, L.M. Schriml, G.A. Beattie, F.P. Brennan, P.E. Busby, R.B. Calderon, S.C. Castle, J.B. Emerson, **S.E. Everhart**, K. Eversole, K. Frost, J. Herr, A.J. Huerta, A.S. Iyer-Pascuzzi, A. Kalil, J.E. Leach, J. Leonard, J.E. Maul, B. Prithiviraj, M. Potrykus, N.R. Redekar, J.A. Rojas, K.A.T. Silverstein, D. Tomso, S. Tringle, B. Vinatzer, and L. Kinkel. 2020. Community-driven metadata standards for agricultural microbiome research. *Phytobiomes* 4: 115–121.
16. Koehler-Cole, K., **S.E. Everhart**, Y. Gu, C.A. Proctor, M. Marroquin-Guzman, D.D. Redfearn, and R.W. Elmore. 2020. Is allelopathy from winter cover crops affecting row crops?. *Agricultural & Environmental Letters*, 5(1), e20015.
17. Olgun, T., **S.E. Everhart**, T. Anderson, and J. Wu-Smart. 2020. Comparative analysis of viruses in four bee species collected from agricultural, urban, and natural landscapes. *PLoS ONE*, 15(6), p.e0234431.
18. Sciarresi, C., C. Proctor, E.R. Haramoto, L.E. Lindsey, G.I. Carmona, R. Elmore, **S. E. Everhart**, W. Looker, M. Marroquin-Guzman, J. McMechan, J. Wehrbein, R. Werle, and M. Salmeron. 2020. Evaluating short-season soybean management adaptations for cover crop rotations with a crop simulation model. *Field Crops Research* 250: 107734.
19. Ajayi, O.O., **S.E. Everhart**, P.J. Brown, A.U. Tenuta, A.E. Dorrance, and C. Bradley. 2019. Genetic structure of *Rhizoctonia solani* AG-2-2IIIB from soybean in Illinois, Ohio, and Ontario. *Phytopathology* 109:2132–2141.
20. Dale, A.L., N. Feau, **S.E. Everhart**, G. Bilodeau, B. Dhillon, J. Tabima, C. Brasier, N. Grünwald, and R.C. Hamelin. 2019. Mitotic recombination and a two-speed genome drive

evolution in asexual lineages of the sudden oak death pathogen *Phytophthora ramorum*. *mBio* 10.1128/mBio.02452-18.

21. Kamvar, Z.N., and **S.E. Everhart****. 2019. Something in the agar does not compute: On the discriminatory power of mycelial compatibility in *Sclerotinia sclerotiorum*. *Tropical Plant Pathology*. 44:32–40.
22. Miorini, T.J.J., Z.N. Kamvar, R. Higgins, C.G. Raetano, J.R. Steadman, and **S.E. Everhart****. 2019. Variation in pathogen aggression and cultivar performance against *Sclerotinia sclerotiorum* in soybean and dry bean from Brazil and the U.S. *Trop. Plant Path.* 44:73–81.
23. Pannullo, A.P., Z.N. Kamvar, T.J.J. Miorini, J.R. Steadman, and **S.E. Everhart****. 2019. Genetic variation and structure of *Sclerotinia sclerotiorum* populations from soybean in Brazil. *Tropical Plant Pathology* 44:53–64.

Prior to time in rank:

24. Bogo, A., C.C. Comparin, R.M.V. Sanhueza, P. Ritschel, R.T. Casa, F.N. Silva, and **S.E. Everhart**. 2018. Characterization of *Neofabraea actinidiae* and *N. brasiliensis* as causal agents of apple bull's-eye rot in southern Brazil. *Canadian Journal of Plant Pathology* DOI: 10.1080/07060661.2017.1421588
25. Nieto-López, E.H., **S.E. Everhart**, V. Ayala-Escobar, M. Camacho-Tapia, N.B. Lima, R. Nieto-Angel, and J.M. Tovar-Pedraza. 2018. First report of *Colletotrichum gloeosporioides* causing anthracnose of tejocote (*Crataegus gracilior*) fruits in Mexico. *Plant Dis.* 102:1855.
26. Dowling, M., G. Schnabel, H. Boatwright†, and **S.E. Everhart****. 2017. Novel gene-sequence markers for isolate tracking within *Monilinia fructicola* lesions. *Pest Man. Sci.* 73:1822–1829.
27. Grünwald, N.J., **S.E. Everhart**, B.J. Knaus, and Z.N. Kamvar. 2017. Best practices for population genetic analyses. *Phytopathology*. 107:1000–1010.
28. Kamvar, Z., Amaradasa, B.S., R. Jhala, S. McCoy, J.R. Steadman, and **S.E. Everhart****. 2017. Population structure and phenotypic variation of *Sclerotinia sclerotiorum* from dry bean in the United States. *PeerJ*. 5:e4152
29. Miorini, T.J.J., C.G. Raetano, and **S.E. Everhart****. 2017. Control of white mold of dry bean and residual activity of fungicides applied by chemigation. *Crop Protection*. 94:192–202.
30. Amaradasa, B.S., and **S.E. Everhart****. 2016. Effects of sublethal fungicides on mutation rates and genomic variation in fungal plant pathogen, *Sclerotinia sclerotiorum*. *PLoS ONE*. 11(12): e0168079. DOI 10.1371/journal.pone.0168079.
31. de Bem, B.P., A. Bogó, **S.E. Everhart**, R.T. Casa, M.J. Gonçalves, J.L. Marcon, L.R. Rufato, F.N. Silva, R. Allebrandt, and I.C. da Cunha. 2016. Effect of four training systems on the temporal dynamics of downy mildew in two grapevine cultivars in southern Brazil. *Tropical Plant Pathology*. DOI 10.1007/s40858-016-0110-8.
32. Dowling, M., P.K. Bryson, H. Boatwright†, J.R. Wilson, Z. Fan, G. Schnabel, **S.E. Everhart**, and P. Brannen. 2016. Effect of fungicide application on *Monilinia fructicola* population diversity and transposon movement. *Phytopathology* 106:1504–1512.
33. Dugan, F.M., and **S.E. Everhart**. 2016. Cryptic species: A leitmotif of contemporary mycology has challenges and benefits for plant pathologists. *Plant Health Progress* 17:250–253. DOI10.1094/PHP-RV-16-0046
34. Tabima J.F., **S.E. Everhart**, M.M. Larsen, A.J. Weisberg, Z.N. Kamvar, M.A. Tancos, C.D. Smart, J.H. Chang, N.J. Grünwald. 2016. Microbe-ID: An open source toolbox for microbial genotyping and species identification. *PeerJ* 4:e2279 DOI 10.7717/peerj.2279.
35. Chen, F., **S.E. Everhart**^, P.K. Bryson, C.L., X. Song, X.L., G. Schnabel. 2015. Fungicide-induced transposon movement in *Monilinia fructicola*. *Fungal Genetics and Bio.* 85:38–44.
36. de Bem, B.P., Bogó, A., **S.E. Everhart**, R.T. Casa, M.J. Gonçalves, J.L.M. Filho, and I.C. da Cunha. 2015. Effect of Y-trellis and vertical shoot positioning training systems on downy mildew and botrytis bunch rot of grape in highlands of southern Brazil. *Scientia Horticulturae* 185:162–166.

37. **Everhart, S.E.**, and H. Scherm. 2015. Clonal disease foci of *Monilinia fructicola* during brown rot epidemics within peach tree canopies. *Phytopathology*. 105:542–549.
38. Schnabel, G., F. Chen, **S.E. Everhart**, W.C. Bridges and X.L. Liu. 2014. Studies on sensitivity reduction in solo and mixture treatments and fungicide-induced mutagenesis in *Monilinia fructicola*. In: H.W. Dehne, H.B. Deising, U. Gisi, B. Fraaije, U. Gisi, D. Hermann, A. Mehl, E.C. Oerke, P.E. Russel, G. Stammler, K.H. Kuck, H. Lyr (Eds). “Modern Fungicides and Antifungal Compounds”, Vol. VII, pp 263–268. 2014 Deutsche Phytomedizinische Gesellschaft, Braunschweig, ISBN: 978-3-941261-13-6.
39. **Everhart, S.E.**, A. Askew, L. Seymour, and H. Scherm. 2013. Spatio-temporal patterns of pre-harvest brown rot epidemics within individual peach tree canopies. *European Journal of Plant Pathology* 135:499–509.
40. **Everhart, S.E.**, A. Askew, L. Seymour, T.C. Glenn, and H. Scherm. 2012. Spatial patterns of brown rot epidemics and development of microsatellite markers for analyzing fine-scale genetic structure of *Monilinia fructicola* populations within peach tree canopies. Online. *Plant Health Progress* doi:10.1094/PHP-2012-0723-04-RS.
41. **Everhart, S.E.**, A. Askew, L. Seymour, I.J. Holb, and H. Scherm. 2011. Characterization of three-dimensional spatial aggregation and association patterns of brown rot symptoms within intensively mapped sour cherry trees. *Annals of Botany* 108:1195–1202.
42. **Everhart, S.E.**** 2010. Upper canopy collection and identification of grapevines (*Vitis*) from the tree canopy of select forests in the southeastern United States. *Castanea* 75: 141–149.
43. Keller, H.W., and **S.E. Everhart** 2010. Importance of Myxomycetes in biological research and teaching. *Fungi* 3(1):13–27.
44. **Everhart, S.E.****, J.S. Ely, and H.W. Keller. 2009. Evaluation of tree canopy epiphytes and bark characteristics associated with corticolous myxomycetes. *Botany* 87:509–517.
45. Keller, H.W., **S.E. Everhart**, M. Skrabal, and C.M. Kilgore. 2009. Tree canopy biodiversity in temperate forests: Exploring islands in the sky. *Southeastern Biology* 56:52–74.
46. **Everhart, S.E.**, and H.W. Keller. 2008. Influence of bark pH on the occurrence and distribution of tree canopy myxomycete species. *Mycologia* 100:191–204.
47. **Everhart, S.E.**, and H.W. Keller. 2008. Life history strategies of corticolous myxomycetes: The life cycle, fruiting bodies, plasmodial types, and taxonomic orders. *Fungal Diversity* 29:1–16.
48. Keller, H.W., and **S.E. Everhart** 2008. Myxomycete species concepts, monotypic genera, the fossil record, and additional examples for good taxonomic practice. *Revista Mexicana de Micologia* 27:9–19.
49. Keller, H.W., C.M. Kilgore, **S.E. Everhart**, G. Carmack, C. Crabtree, and A. Scarborough. 2008. Myxomycete plasmodia and fruiting bodies: Unusual occurrences and user friendly study techniques. *Fungi* 1:24–37.
50. Kilgore, C.M., H.W. Keller, **S.E. Everhart**, A. Scarborough, K. Snell, M. Skrabal, C. Pottorff, and J.S. Ely. 2008. Tree canopy research and student experiences using the double rope climbing method. *Journal of Botanical Research Institute of Texas* 2:1309–1336.

C2. Conference Presentations with Proceedings (Refereed) – None.

C3. Other Refereed Material

Refereed articles and software –

1. Mane A., **S.E. Everhart**, and T.A. Jackson-Ziems, 2020. Fungicide Resistance and Management of Frogeye Leaf Spot of Soybean in Nebraska. *CropWatch*, June 24, 2020.
2. Kamvar, Z., J. Tabima, **S.E. Everhart**, J. Brooks, S. Krueger-Hadfield, E. Sotka, and N. Grunwald, 2016. Package ‘poppr’. <https://cran.r-project.org/web/packages/poppr>

C4. Submitted Journal Articles

1. Gabriel-Peralta, S.M., G. Adams, L. Winton, K. Černý, and **S.E. Everhart****. 202X. Deciphering the population structure of *Gemmamyces picea*, an emerging fungal pathogen of spruce in Alaska. *Phytopathology*. Submitted August 23, 2024.

D. Other Publications and Creative Products.

Non-refereed articles, research reports, symposia, society notes, and course materials –

1. Gallup, C., **S.E. Everhart**, and N. Donofrio. 2023. Four committees receive 2023 Councilor's Challenge Award for Engagement. *Phytopathology News*. 57(02).
2. Gent, D., C. Gallup, and **S.E. Everhart**. 2022. Graduate Student, Virology, and Regulatory Plant Pathology Committees take first, second, and third place in the 2022 Councilor's Challenge. *Phytopathology News*. 56:5.
3. Choudhury, R.A., and **S.E. Everhart**. 2021. 19th Annual Melhus Symposium: Data driven plant health. *Plant Health Progress*. 22:433–435.
4. Jackson-Ziems, T.A., **S.E. Everhart**, and A. Mane. 2020. Diseases to watch out for in crops. *Norfolk daily News-Ag News*, July 9, 2020.
5. Mane A., **S.E. Everhart**, and T.A. Jackson-Ziems. 2020. Frogeye Leaf Spot, Disease Update. *Soybean Management Field Day*. August, 2020.
6. Higgins, R., and **S.E. Everhart**. 2020. New sources of white mold resistance derived from wide crosses in common bean and evaluated in the greenhouse and field using multi-site screening nurseries. *Bean Improvement Cooperative*. 63:129–130.
7. Dundore-Arias, J.P. and **S.E. Everhart**. 2019. Meet 1:1 with a distinguished expert at Plant Health 2019! *Phytopathology News*. 53:90.
8. R. Higgins, **S.E. Everhart**, and J.R. Steadman. 2019. New sources of white mold resistance derived from wide crosses in common bean and evaluated in the greenhouse and field using multi-site screening nurseries. *Bean Improvement Cooperative*. 62:27–28.
9. Nieto-Lopez, E.H., T.J.J. Miorini, and **S.E. Everhart**. 2019. Fungicide sensitivity of 207 *Sclerotinia sclerotiorum* isolates from dry bean and soybean. *Bean Improvement Cooperative*. 62:29–30.
10. **Everhart, S.E.**, and K. Ivors. 2018. E-Posters: Out with the old and in with the new. *Phytopathology News*. Page 3.
11. Gambhir, N., **S.E. Everhart**, S. Kodati, and A. Adesemoye. 2018. Fungicide resistance: Risk and management. *SoybeanNebraska*, Spring 2018, Page 22.
12. Kodati, S., A. Adesemoye, N. Gambhir, and **S.E. Everhart**. 2018. Rhizoctonia diseases in soybean. *SoybeanNebraska*, Spring 2018, Page 23.
13. R. Higgins, Z.N. Kamvar, **S.E. Everhart**, and J.R. Steadman. 2018. New sources of white mold resistance derived from wide crosses in common bean and evaluated in the greenhouse and field using multi-site screening nurseries comparing 2016 and 2017 data. *Bean Improvement Cooperative*.
14. Miorini, T.J., A. Pannullo, T. Hornby, R. Higgins, **S.E. Everhart**, and J.R. Steadman. 2017. Phenotypic and genotypic characterization of relevant *Sclerotinia sclerotiorum* isolates. *Bean Improvement Cooperative*.
15. **Everhart, S.E.**, B. Amaradasa, R. Jhala, R. Higgins, and J.R. Steadman. 2016. Population structure and fungicide sensitivity of 366 *Sclerotinia sclerotiorum* isolates from dry common bean. *Bean Improvement Cooperative*. 59:131–132.
16. **Everhart, S.E.** 2016. PLPT 496/892: Disease Dynamics & Evolution—A Peer Review of Teaching Project Benchmark Portfolio. <http://digitalcommons.unl.edu/prtunl/20>
17. Grunwald, N.J., Z.N. Kamvar, and **S.E. Everhart**. 2015. Population Genetics in R. Online book: http://grunwaldlab.github.io/Population_Genetics_in_R

18. **Everhart, S.E.** 2008. Edible, avoidable, and artistic fungi for summer and fall. *The Iowa Horticulturist* 24(2): 22–23.
19. **Everhart, S.E.** 2008. Edible and avoidable fungi for spring. *The Iowa Horticulturist* 24(1): 22–23.
20. **Everhart, S.E.** 2007. Smooth patch on oak trees. *The Iowa Horticulturist* 23(3): 17.
21. **Everhart, S.E.** 2006. Slime invaders on your lawn. *The Iowa Horticulturist* 22(2): 18–20.
22. Keller, H.W. and **S.E. Everhart.** 2006. Myxomycetes (true slime molds): Educational sources for students and teachers (Part I and II). *Inoculum* 57(3): 1–2; 57(4): 4–5.
23. **Everhart, S.E.** 2002. Daylily rust in Iowa. *The Iowa Horticulturist* 19(1): 18–20.
24. **Everhart, S.E.** 2000. Wildflower demonstration garden. *The Iowa Horticulturist* 17(1): 14–15.
25. **Everhart, S.E.** 1999. White pines in Iowa. *The Iowa Horticulturist* 15(2): 10.

Book reviews (non-refereed):

1. **Everhart, S.E.** 2010. Taming the Truffle by I.R. Hall, G. Brown, and A. Zambonelli. *The Iowa Horticulturist* 25(3): 18.
2. **Everhart, S.E.** 2009. Tabletop Gardens by R. McCreary. *The Iowa Horticulturist* 25(2): 18.
3. **Everhart, S.E.** 2009. Bloom-Again Orchids by J. White. *The Iowa Horticulturist* 25(2): 18.
4. **Everhart, S.E.** 2008. The Complete Compost Gardening Guide by B. Pleasant and D.L. Martin. *The Iowa Horticulturist* 24(2): 18.
5. **Everhart, S.E.** 2008. The Backyard Beekeeper by Fluttom. *The Iowa Horticulturist* 23(3): 20.
6. **Everhart, S.E.** 2008. Pocket Guide to Hostas by Grenfell and Shadrack. *The Iowa Horticulturist* 23(4): 18.
7. **Everhart, S.E.** 2008. Perennials for Midwestern Gardens by Kahtz. *The Iowa Horticulturist* 24(3): 18.
8. **Everhart, S.E.** 2008. Landscape Design by VanDerZanden and Rodie. *The Iowa Horticulturist* 23(4): 18.
9. **Everhart, S.E.** 2008. Garden Your Way to Health and Fitness by B. Guinness and J. Knox. *The Iowa Horticulturist* 24(3): 18.
10. **Everhart, S.E.** 2008. Essential Plant Pathology by Schumann and D'Arcy. *Inoculum* 59(4): 74.
11. **Everhart, S.E.** 2008. Doing Time in the Garden by Jiler. *The Iowa Horticulturist* 23(3): 20.
12. **Everhart, S.E.** 2008. Complete Roses: Featuring 100 Easy-Growing Favorites by F. Roebuck. *The Iowa Horticulturist* 24(2): 18.
13. **Everhart, S.E.** 2007. Taste of the Midwest by Kaercher. *The Iowa Horticulturist* 23(1): 22.
14. **Everhart, S.E.** 2007. Tallgrass Prairie Wildflowers by Ladd. *The Iowa Horticulturist* 23(2): 22.
15. **Everhart, S.E.** 2007. Scats and Tracks of the Midwest by Halfpenny. *The Iowa Horticulturist* 23(1): 22.
16. **Everhart, S.E.** 2007. Lawns Natural and Organic by Williamson. *The Iowa Horticulturist* 23(2): 22.
17. **Everhart, S.E.** 2006. Vegetable Gardening Laboratories by Masiunas. *The Iowa Horticulturist* 22(4): 20.
18. **Everhart, S.E.** 2006. The Healthy Lawn Handbook by Winward. *The Iowa Horticulturist* 22(3): 20.
19. **Everhart, S.E.** 2006. Professional Interior Plantscaping by Collins. *The Iowa Horticulturist* 22(4): 20.
20. **Everhart, S.E.** 2006. Book of Water Gardens by Swindells & Mason. *The Iowa Horticulturist* 22(3): 20.

21. **Everhart, S.E.** 2005. The Art of Garden Photography by Adams. *The Iowa Horticulturist* 22(2): 8.
22. **Everhart, S.E.** 2005. Iowa Birds by Johnson, Bangma, and Kennedy. *The Iowa Horticulturist* 22(1): 8.
23. **Everhart, S.E.** 2005. Great Flowering Landscape Shrubs by Simeone. *The Iowa Horticulturist* 22(1): 8.
24. **Everhart, S.E.** 2005. Best Garden Plants for Iowa by Porto and Peters. *The Iowa Horticulturist* 22(2): 8.
25. **Everhart, S.E.** 2004. The Diversity of Life by Wilson. *The Iowa Horticulturist* 21(3):
26. **Everhart, S.E.** 2004. Burpee Complete Gardener by Armitage, Heffernan, Kleiber and Shimizu. *The Iowa Horticulturist* 21(3): 9.

E. Presentations.

List of Invited Seminars and Symposia (**two are upcoming in 2024**):

- 2024:** Kenote for Carroll Symposium / NJDelMarVaPa, Newark, DE (**Nov 7, Student invited**)
 LSU Plant Science Symposium, Baton Rouge, LA (**Dec 6, Student invited**)
 13th International Epidemiology Workshop, Foz do Iguazo, Brazil
- 2023:** International Homeopathy and the Future of Global Health, Farmington, CT
 Dept. of Plant Pathology, Connecticut Agricultural Experiment Station, New Haven, CT
- 2021:** Department of Plant Pathology and Plant-Microbe Biology, Online for Cornell University
- 2021:** Department of Plant Science and Landscape Architecture, Online for Univ. of Connecticut
- 2020:** Keynote, Internat'l Sclerotinia Workshop, Avignon, France (*cancelled due to pandemic*)
- 2019:** Department of Agronomy and Horticulture, University of Nebraska, Lincoln, NE
- 2018:** College of Ag. and Nat. Res. Annual Meeting, University of Nebraska, Lincoln, NE
 Department of Plant Pathology, Kansas State University, Manhattan, KS
 Department of Plant Pathology and Environmental Microbiology, Penn State University, State College, PA (*and two workshops*)
- 2017:** 16th International Sclerotinia Workshop, Uberlandia, Brazil (*two invited talks*)
 Department of Plant Pathology, Ohio State University, Wooster, OH (*and workshop*)
 Department of Microbiology and Plant Pathology, Iowa State University, Ames, IA
- 2016:** Schroth Faces of the Future Symposium, Epidemiology, APS Meeting, Tampa, FL
 Department of Plant Pathology, University of Nebraska, Seminar Series, Lincoln, NE
- 2015:** Department of Plant and Environmental Sciences, Clemson University, Clemson, SC
 Department of Biology and Agriculture, Univ. of Central Missouri, Warrensburg, MO
- 2014:** Plant Science Retreat, University of Nebraska, Nebraska City, NE

Poster and Oral Research Presentations: [^] *presenting author and member of Everhart Lab*

1. Cerritos-Garcia[^], D.G., Davis II, R.L., Martin, A., Fenton, M., Betaw, H., Smart, C., Hoepting, C., Langston, D., Rideout, S., Patel, K., Dutta, B., and **S.E. Everhart**. 2024. Fungicide sensitivity of *Alternaria alternata* and *A. japonica* to azoxystrobin reveals fungicide resistance in brassica producing states in the Eastern US. APS Plant Health 2024, Memphis, TN. *Poster presentation*.
2. Cerritos-Garcia[^], D.G., R.L. Davis II, A. Martin, M. Fenton, H. Betaw, C.D. Smart, C. Hoepting, D. Langston, S. Rideout, K. Patel, B. Dutta, and **S.E. Everhart**. 2024. Fungicide sensitivity of *Alternaria* spp. to azoxystrobin reveals presence of resistance to QoIs in some broccoli producing states in the East Coast. APS Northeastern Division Meeting, Ithaca, NY.
3. Cerritos-Garcia[^], D.G., R.L. Davis II, A.G. Martin, M.G. Fenton, and **S.E. Everhart**. 2024. Why QoI fungicides are failing to control *Alternaria* leaf blight and head rot of broccoli in the

Eastern US. UConn CAHNR Graduate Student Research Forum poster presentation on April 2024, Storrs, CT.

4. Davis II[^], R. L. and **S.E. Everhart**. 2024. General management practices for fungal plant diseases. Storrs, CT. UConn Extension Vegetable and Fruit Growers' Conference. Outreach and extension presentation. August 2024.
5. Davis II[^], R. L., Cerritos-Garcia, D. G., Martin, A. G., Fenton Jr., M. F., Legault, C. L., Bernal, S., Neault, F. N., and **S.E. Everhart**. 2024. Structure and diversity of *Alternaria brassicicola* between and within fields in Connecticut, Massachusetts and Georgia. Plant Science and Landscape Architecture, Departmental Seminar. October 2024.
6. Davis II[^], R.L., Cerritos-Garcia, D.G., Legault, C.L., and **S.E. Everhart**. 2024. The role of the minor *Alternaria* spp. in the *Alternaria* blight and head rot disease complex in organic brassica production in Connecticut. APS Plant Health 2024, Memphis, TN. *Poster presentation*.
7. Davis II[^], R.L., D.G. Cerritos-Garcia, A.G. Martin, and **S.E. Everhart**. 2024. Koch's Postulates to confirm pathogenicity of *Alternaria alternata* and *Alternaria japonica* on broccoli. APS Northeastern Division Meeting, Ithaca, NY.
8. Davis II[^], R.L., D.G. Cerritos-Garcia, A.G. Martin, M.G. Fenton Jr., Legault, C.L., and **S.E. Everhart**. 2024. Characterization of the pathogenicity and composition of *Alternaria* spp. in the *Alternaria* blight and head rot disease complex in broccoli. UConn One Health Conference. Storrs, CT.
9. Davis II[^], R.L., D.G. Cerritos-Garcia, A.G. Martin, M.G. Fenton Jr., Legault, C.L., and **S.E. Everhart**. 2024. *Alternaria* in Connecticut brassica production. UConn Extension Vegetable and Fruit Growers' Conference, Storrs, CT.
10. Davis II[^], R.L., D.G. Cerritos-Garcia, A.G. Martin, M.G. Fenton Jr., K.D. Patel, H. Betaw, C. Hoepting, S. Rideout, D. Langston, C. Smart, B. Dutta, and **S.E. Everhart**. 2024. Collection and isolation of *Alternaria brassicicola* samples to understand population structure along the East Coast, United States. APS Northeastern Division, Southington, CT.
11. Davis II[^], R.L., D.G. Cerritos-Garcia, and **S.E. Everhart**. 2024. *Alternaria* in Connecticut brassica production. UConn Extension Vegetable and Fruit Growers' Conference, Storrs, CT.
12. **Everhart[^], S.E.**, and B.B. Tihamiyu. 2024. Predictive model to link N fertilization with fungal plant pathogen proliferation and disease severity. SoilTech Industry Advisory Board Meeting, April 3-4, 2024, Seattle, WA.
13. **Everhart[^], S.E.**, R.L. Davis II, D.G. Cerritos-Garcia, A.Martin, E.H. Nieto-Lopez, R. and Koch-Bach. 2024. Epidemiology and etiology of *Alternaria* blight and head rot of broccoli in the Eastern United States. 13th International Epidemiology Workshop, Foz do Iguazu, Brazil. *Invited Presentation*.
14. Martin, A, R.L. Davis II, D. Cerritos-Garcia, and **S.E. Everhart**. 2024. Quantifying the effects of temperature and leaf wetness on disease development caused by three different species of *Alternaria* on broccoli. APS Plant Health 2024, Memphis, TN. *Poster presentation*
15. Mohamed[^], A.S., B.B. Tihamiyu, S. Kodati, and **S.E. Everhart**. 2024. Predictive model to link N fertilization with fungal plant pathogen proliferation and disease severity. APS Plant Health 2024, Memphis, TN. *Poster presentation*
16. Mohamed[^], A.S., B.B. Tihamiyu, S. Kodati, and **S.E. Everhart**. 2024. Predictive model to link N fertilization with fungal pathogen proliferation and disease severity. UConn CAHNR Graduate Student Research Forum poster presentation on April 2024, Storrs, CT.
17. Tihamiyu[^], B.B., E. Nieto-Lopez, R. A. Koch Bach, S. Kodati, N. Gambhir, and **S.E. Everhart**. 2024. Population genetic characterization of *Sclerotinia sclerotiorum* from soybean and dry bean using AmpSeq. APS Plant Health 2024, Memphis, TN. *Poster presentation*.
18. Tihamiyu[^], B.B., E. Nieto-Lopez, R. A. Koch Bach, S. Kodati, N. Gambhir, and **S.E. Everhart**. 2024. Population genetic characterization of *Sclerotinia sclerotiorum* from USA soybean and dry bean using AmpSeq, and development of an informational survey to assess

NSI impacts. Proceedings of the 22nd National Sclerotinia Initiative, 2024 Annual Meeting, January 17-18, 2024, Fargo, ND.

19. Tiarniyu[^], B.B., E. Nieto-Lopez, R. A. Koch Bach, S. Kodati, N. Gambhir, and **S.E. Everhart**. 2024. Population genetic characterization of *Sclerotinia sclerotiorum* from USA soybean and dry bean using AmpSeq, and development of an informational survey to assess NSI impacts, UConn One Health Conference poster presentation, April 1, 2024, Storrs, CT.
20. Tiarniyu[^], B.B., S. Kodati, and **S.E. Everhart**. 2024. Stakeholders' perceptions of impacts and farmer adoption of outcomes from research funded by the USDA National Sclerotinia Initiative Program. APS Plant Health 2024, Memphis, TN. *Poster presentation*.
21. Cerritos-Garcia[^], D.G., R.L. Davis II, and **S.E. Everhart**. 2023. Alternaria in Connecticut brassica production. UConn Extension Vegetable and Fruit Growers' Conference, Storrs, CT.
22. Cerritos-Garcia[^], D.G., R.L. Davis II, and **S.E. Everhart**. 2023. Alternaria blight and head rot population genetics and fungicide resistance. SCRI Stakeholder Adv. Panel Meeting, Online.
23. Cerritos-Garcia[^], D.G., R.L. Davis II, C.D. Smart, D. Langston, S. Rideout, B. Dutta, and **S.E. Everhart**. 2023. Fungicide sensitivity of *Alternaria* causing leaf blight and head rot of brassicas in the Eastern US to QoIs using a high throughput microplate assay. 2023 APS Northeastern Division Meeting, Southington, CT.
24. Davis II[^], R.L., D.G. Cerritos-Garcia, A.G. Martin, M.G. Fenton Jr., K.D. Patel, H. Betaw, C. Hoepting, S. Rideout, D. Langston, C. Smart, B. Dutta, and **S.E. Everhart**. 2023. Characterizing the population structure of *Alternaria* blight and head rot of broccoli on the East Coast of the United States Plant Health 2023. Denver, CO.
25. **Everhart**[^], **S.E.** 2023. From pattern to process: Investigating the role of low-dose fungicides in the emergence of fungicide resistant fungal plant pathogens. International Homeopathy Conference, Farmington, CT. *Invited presentation*.
26. Cerritos-Garcia[^], D., E. Nieto-Lopez, R. Koch Bach, A. Petkar, C. Smart, C. Hoepting, D. Langston, S. Rideout, B. Dutta, and **S.E. Everhart**. 2022. Species-dependent sensitivity to azoxystrobin observed among causal agents of *Alternaria* leaf blight and head rot in brassica crops in the eastern US. APS Plant Health 2022, August 9, 2022.
27. Gabriel Peralta[^], S., G. Adams, L. Winton, K. Cerny, and **S. Everhart**. 2022. Comparison of *Gemmamyces piceae* from Alaska and Europe using phylogenetics and whole-genome sequencing. APS Plant Health 2022 meeting poster presentation on August 9, 2022.
28. Mane[^], A. **S. Everhart**, T. Jackson-Ziems. 2022. Understanding stakeholder perceptions of foliar fungicide use in Nebraska soybean production. APS Plant Health 2022 meeting poster presentation on August 9, 2022.
29. Petkar, A., T. Doss, K. Patel, T. Torrance, R. Koch Bach, and **S. Everhart**. 2022. Host range, aggressiveness and fungicide sensitivity of *Alternaria brassicicola* affecting broccoli in Georgia. APS Plant Health 2022 meeting poster presentation on August 9, 2022.
30. Stricker, S., J. Hempfling, L. du Toit, D. Gent, C. Gallup, and **S.E. Everhart**. 2022. IDEA CAFÉ: How to grow and mobilize a committee or office. APS Plant Health 2022 Idea Café discussion group on August 8, 2022.
31. Gabriel Peralta[^], S.M., N. Gambhir, G.C. Adams, L. Winton, K. Cerny, and **S.E. Everhart**. 2021. Alaskan fungi attributed to cause bud blight disease in spruce share several similarities. 2021 Plant Health poster presentation.
32. Gabriel Peralta[^], S.M., N. Gambhir, G.C. Adams, L. Winton, K. Cerny, and **S.E. Everhart**. 2021. Populations of *Gemmamyces piceae* causing bud blight disease of spruce in Alaska are different from European populations. 2021 Plant Health poster presentation.
33. Mane[^], A., T.A. Jackson-Ziems, and **S.E. Everhart**. 2021. Determining the detection threshold when pooling samples for rapid detection of QoI resistance in *Cercospora soja*. APS Plant Health 2021.
34. Mane[^], A., T.A. Jackson-Ziems, and **S.E. Everhart**. An assessment of foliar fungicide use for soybean disease management in Nebraska. 2021 Plant Health poster presentation.

35. Nieto-Lopez[^], E.H., T.J.J. Miorini, C.A. Wolkup-Gil, M. Chilvers, L.J. Giesler, T.A. Jackson-Ziems, M. Kabbage, D.S. Mueller, D.L. Smith, J.M. Tovar-Pedraza, J.F. Willbur, and **S.E. Everhart**. 2021. Fungicide sensitivity of *Sclerotinia sclerotiorum* from USA soybean and dry bean compared to different regions and climates. 2021 Plant Health poster presentation.
36. Nieto-Lopez[^], E.H., N. Gambhir, T.J.J. Miorini, C.A. Wolkup-Gil, M. Chilvers, L.J. Giesler, T.A. Jackson-Ziems, M. Kabbage, D.S. Mueller, D.L. Smith, J.M. Tovar-Pedraza, J.F. Willbur, and **S.E. Everhart**. 2021. Characterization of *Sclerotinia sclerotiorum* from U.S. soybean and dry bean from different regions and climates using AmpSeq. 2021 Plant Health.
37. Nieto-Lopez[^], E.H., T. Doss, B. Dutta, A. Petkar, D.B. Langston, S.L. Rideout, C.D. Smart, and **S.E. Everhart**. Investigation into the loss of fungicide efficacy for Alternaria leaf blight and head rot of broccoli and cruciferous crops in the eastern USA. 2021 Plant Health.
38. Gambhir[^], N., S. Kodati, A.O. Adesemoye, A.O. Olutoyosi, K. Bissonnette, C. Bradley, M. Chilvers, A.M. Fakhoury, T.A. Jackson-Ziems, L.F.S. Leandro, C.R. Little, D.K. Malvick, F.M. Mathew, B.D. Nelson, G. Sassenrath, D.L. Smith, D.E.P. Telenko, K.A. Wise, and **S.E. Everhart**. 2020. Distribution and population structure of *Rhizoctonia zeae* in the North Central United States. APS Plant Health 2020 Meeting poster presentation on Aug. 3, 2020.
39. Gambhir[^], N., S. Kodati, A.O. Adesemoye, and **S.E. Everhart**. 2020. Fungicide resistance: Screening and risk-assessment of *Rhizoctonia zeae* populations in Nebraska. APS Plant Health 2020 Meeting oral presentation on Aug. 14, 2020.
40. Higgins, R., C. Wolkup, E.H. Nieto-Lopez, and **S. Everhart[^]**. 2020. Sources of white mold resistance derived from wide crosses in common bean and fungicide sensitivity of *Sclerotinia sclerotiorum* from multi-site locations. National Sclerotinia Initiative Meeting poster and oral presentation on January 25, 2020.
41. Mane[^], A., T.A. Jackson-Ziems, C.A. Bradley, and **S.E. Everhart**. 2020. Rapid detection of QoI fungicide resistance in *Cercospora soja* and characterization of populations in Nebraska. APS Plant Health 2020 Meeting oral presentation on Aug. 13, 2020.
42. Nieto-Lopez[^], E.H., T.J.J. Miorini, M. Chilvers, L.J. Giesler, T.A. Jackson-Ziems, M. Kabbage, D.S. Mueller, D.L. Smith, J.M. Tovar-Pedraza, J.F. Willbur, and **S.E. Everhart**. 2020. Fungicide sensitivity of *Sclerotinia sclerotiorum* from dry bean and soybean in the U.S. APS Plant Health 2020 Meeting poster presentation on Aug. 3, 2020.
43. Da Silva, K.F., D. Golick, J. Hedrick, J. Louis, and **S. Everhart[^]**. 2019. Nationwide assessment of leadership development for graduate students in agricultural plant sciences. *North American Colleges and Teachers of Agriculture*. Twin Falls, ID.
44. Da Silva[^], K.F., D. Golick, J. Louis, and **S.E. Everhart**. 2019. Nationwide assessment of leadership development for graduate students in agricultural plant sciences. *American Phytopathological Society 2019 Plant Health*, Cleveland, OH.
45. Da Silva[^], K.F., J. Louis, and **S.E. Everhart**. 2019. Maize phytohormonal crosstalk under multiple biotic stressors. APS Plant Health, Cleveland, OH.
46. Da Silva[^], K.F., J. Louis, and **S.E. Everhart**. 2019. Plants under attack: Maize phytohormonal crosstalk during multiple biotic stressors. *Entomological Society of America*.
47. **Everhart[^], S.E.** 2019. Why diversity matters: From disease management to the next big scientific breakthrough. *Dept. of Agronomy & Horticulture Seminar Series*, Lincoln, NE.
48. **Everhart[^], S.E.** 2019. Understanding evolution and epidemiology of fungal plant pathogens to mitigate disease in the U.S. *UNL-Kobe University Research Symposium*, Lincoln, NE.
49. Gambhir[^], N., S. Kodati, A.O. Adesemoye, and **S.E. Everhart**. 2019. Fungicide sensitivity and population structure of *Rhizoctonia zeae* isolated from soybean and corn in the North Central U.S. APS Plant Health, Cleveland, OH.
50. Gambhir[^], N., Z. Kamvar, and **S.E. Everhart**. 2019. Genomic alterations in *Sclerotinia sclerotiorum* after sub-lethal fungicide exposure. APS Plant Health, Cleveland, OH.

51. Kodati[^], S., A.O. Adesemoye, G.Y. Yuen, and **S.E. Everhart**. 2019. Diversity and pathogenicity of *Rhizoctonia* spp. from the Sandhills Grassland of Nebraska. APS Plant Health, Cleveland, OH.
52. Marroquin-Guzman[^], M.R., C. Proctor, J. McMechan, A.O. Adesemoye, and **S.E. Everhart**. 2019. Dynamics of soil microbial communities associated with cover crops in soybean-corn rotation systems in Nebraska. APS Plant Health, Cleveland, OH.
53. Matczyszyn, J., **S. Everhart**, T. Harris, K. Powers, and T. Powers. 2019. Phylogenetic and population structure of *Mesocriconema xenoplax* across the United States. *National Meeting of the Society of Nematologists*, Raleigh, N.C.
54. Matczyszyn, J., T.O. Powers, and **S.E. Everhart**. 2019. Plant parasites in the wild: Community analysis of Criconematidae nematodes in Great Smoky Mountains National Park. *National Meeting of the Society of Nematologists*, Raleigh, N.C.
55. Morini[^], T.J.T., N. Arneson, L.J. Giesler, and **S.E. Everhart**. 2019. Residual effect of fungicides applied for flower protection and control of Sclerotinia stem rot of soybean. *American Phytopathological Society 2019 Plant Health*, Cleveland, OH.
56. Nieto-Lopez, E.N., T.J.J. Miorini, and **S.E. Everhart[^]**. 2019. Fungicide sensitivity of 395 *Sclerotinia sclerotiorum* isolates from dry bean and soybean. *American Phytopathological Society 2019 Plant Health*, Cleveland, OH.
57. Ony, M., M. Nowicki, W. Klingeman, S.L. Boggess, **S.E. Everhart**, M. Ginzel, J. Zobel, R.N. Trigiano, and D. Hadziabdic. 2019. Road trips for redbuds: An assessment of the genetic diversity and spatial distribution of *Cercis canadensis* in the U.S. *American Phytopathological Society 2019 Plant Health*, Cleveland, OH.
58. Persson, R., M.R. Marroquin-Guzman, and **S.E. Everhart[^]**. 2019. Development of a reference panel to standardize genotype data of *Sclerotinia sclerotiorum*. *American Phytopathological Society 2019 Plant Health*, Cleveland, OH.
59. Stengel, A., J. Herr, S. Ramirez, E.S. Jeske, V.L. Jin, **S. Everhart**, M.R. Schmer, and R.A. Drijber. 2019. Insights from 40 years of maize cropping: Crop diversity shapes soil nutrient pools and drives bacterial community structure. *Soil Science Society of American National Meeting*. San Diego, CA.
60. Arneson, N., L.J. Giesler, R. Werle, and **S.E. Everhart**. 2018. Effect of soil-applied protoporphyrinogen oxidase inhibitor herbicides on root rot severity of soilborne pathogens in soybean [*Glycine max* (L.) merr.]. ICPP / APS National Meeting
61. **Everhart[^], S.E.** 2018. Landscape-level Population Structure: Disentangling complex factors shaping populations of *Sclerotinia sclerotiorum*. Department of Plant Pathology and Environmental Microbiology, Pennsylvania State University, State College, PA.
62. **Everhart[^], S.E.** 2018. Landscape-level Population Structure: Disentangling complex factors shaping populations of *Sclerotinia sclerotiorum*. Department of Plant Pathology, Kansas State University, Manhattan, KS.
63. **Everhart[^], S.E.**, and A.O. Adesemoye. 2018. Fungicide resistance in *Rhizoctonia solani* and implications for soybean fields in Nebraska. *Research Update*. Nebraska Soybean Board, Columbus, NE, January 10, 2018.
64. Gambhir[^], N., Z.N. Kamvar, **S.E. Everhart**. 2018. Genome-wide mutations in *Sclerotinia sclerotiorum* after sub-lethal fungicide exposure. Plant Science Retreat, Nebraska City, NE.
65. Gambhir[^], N., S. Kodati, A.O. Adesemoye, and **S.E. Everhart**. 2018. Fungicide sensitivity of *Rhizoctonia zeae* from soybean and corn in Nebraska. Invited presentation at International Rhizoctonia Workshop: Rhizoctonia at crossroads: Research advances and challenges.
66. Gambhir[^], N., S. Kodati, A.O. Adesemoye, and **S.E. Everhart**. 2018. Fungicide sensitivity of *Rhizoctonia* spp. isolated from soybean fields in Nebraska. ICPP / APS National Meeting
67. Gambhir[^], N., Z.N. Kamvar, and **S.E. Everhart**. 2018. Genomic signatures of sub-lethal fungicide stress in *Sclerotinia sclerotiorum*. ICPP–APS National Meeting

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69. Kamvar, Z.N. and **S.E. Everhart**[^]. 2018. The open road: A case study of reproducible research in plant pathology. ICPP / APS National Meeting. *Phytopathology* 108:S1.84. <https://doi.org/10.1094/PHYTO-108-10-S1.1>
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71. Marroquin-Guzman[^], M.R., C. Proctor, J. McMechan, R. Werle, A.O. Adesemoye, and **S.E. Everhart**. 2018. Soil fungal diversity during a soybean-cover crop rotation using community sequencing. ICPP / APS National Meeting
72. Matczynszyn, J., **S.E. Everhart**, T. Harris, K. Powers, T.O. Powers. 2018. Phylogenetic and population structure of *Mesocriconea xenoplax* across the U.S. Plant Science Retreat, Nebraska City, NE.
73. Nieto-Lopez[^], E., T.J.J. Miorini, and **S.E. Everhart**. 2018. Fungicide sensitivity of 42 *Sclerotinia sclerotiorum* isolates in the North Central U.S. and determination of discriminatory concentrations. APS North Central Division Meeting
74. Arneson, N., L.J. Giesler, R. Werle, and **S.E. Everhart**. 2017. Effect of soil-applied sulfentrazone and flumioxazin on soybean seedling disease severity under field conditions. North Central Weed Science Society Annual Meeting.
75. **Everhart**[^], **S.E.**, Z.N. Kamvar, B.S. Amaradasa, T.J.J. Miorini, R. Jhala, A. Pannullo, R. Higgins, J.R. Steadman. 2017. *Sclerotinia sclerotiorum* in North America: Recent disease outbreaks and variability of populations across the United States and Mexico. 16th International Sclerotinia Workshop in Uberlandia, Brazil.
76. **Everhart**[^], **S.E.**, N.K. Gambhir, Z.N. Kamvar. 2017. Effect of sublethal fungicide exposure on genomic variation in *Sclerotinia sclerotiorum*. 16th International Sclerotinia Workshop in Uberlandia, Brazil.
77. **Everhart**[^], **S.E.**, 2017. Causes and consequences of population genetic variation in *Sclerotinia sclerotiorum*. Dept. of Plant Pathology and Microbiology, Iowa State University.
78. **Everhart**[^], **S.E.**, 2017. Causes and consequences of population genetic variation in *Sclerotinia sclerotiorum*. Dept. of Plant Pathology at Ohio State University, Wooster, OH.
79. Gambhir[^], N., Z.N. Kamvar, and **S.E. Everhart**. 2017. Effects of sublethal fungicide stress on genomes of *Sclerotinia sclerotiorum*. APS National Meeting
80. Gambhir[^], N., Z.N. Kamvar, and **S.E. Everhart**. 2017. Genomic alterations in *Sclerotinia sclerotiorum* after sublethal exposure to a mitosis-inhibiting fungicide. APS NC Division.
81. Kamvar[^], Z.N., **S.E. Everhart**, and N. Grünwald. 2017. I think we're a clone now: Factors influencing inference of clonality in diploid populations. APS National Meeting
82. Kodati, S., N. Gambhir[^], **S.E. Everhart**, and A.O. Adesemoye. 2017. Prevalence and pathogenicity of *Rhizoctonia* spp. from soybean in Nebraska. APS National Meeting.
83. Miorini[^], T.J., A. Pannullo[†], J.R. Steadman, and **S.E. Everhart**. 2017 Fungicide sensitivity and population structure of *Sclerotinia sclerotiorum* isolates from Argentina, Brazil, and USA. APS National Meeting
84. Miorini[^], T.J.J., **S.E. Everhart**, and J. Steadman. 2017. Fungicide sensitivity of *Sclerotinia sclerotiorum* isolates from Brazil, Argentina, and the USA. APS National Meeting
85. Nieto-Lopez[^], E.H., and **S.E. Everhart**. 2017. Fungicide sensitivity of *Sclerotinia sclerotiorum* from soybean in the North Central United States. APS NC Division Meeting.
86. Pannullo[^], A., T.J.J. Miorini, Z. Kamvar, and **S.E. Everhart**. 2017. Population genetic diversity of *Sclerotinia sclerotiorum* populations from Brazilian soybean. APS NC Division

87. Stengel, A., S. Ramirez II, E.S. Jeske, V.L. Jin, J. Cui, **S.E. Everhart**, J. Herr, and R Drijber. 2017. Nitrogen and crop rotation as drivers of the maize-associated soil microbiome. *Argonne Soil Metagenomics Meeting*, Chicago, IL.
88. Amaradasa[^], B.S., and **S.E. Everhart**. 2016. Sub-lethal fungicides induce microsatellite mutation in *Sclerotinia sclerotiorum*. *Phytopathology* 106:S4.139.
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93. Gambhir[^], N., A. Pannullo[†], S. Campbell[†], B.S. Amaradasa, R. Jhala, J. Steadman, and **S.E. Everhart**. 2016. Comparison of four methods for fungicide sensitivity determination of *Sclerotinia sclerotiorum*. *Phytopathology* 106:S4.188.
94. T.J. Miorini[^], C.G. Raetano, and **S.E. Everhart**. 2016. Residual effect of fungicides applied by chemigation for white mold control in dry bean. *Phytopathology* 106:S4.190.
95. T.J. Miorini[^], R. Werle, A. Stavievski, C.G. Raetano, and **S.E. Everhart**. 2016. Evaluation of residual fungicide in soybean leaves using analytical chemical quantification and *Sclerotinia sclerotiorum* bioassay. *Phytopathology* 106:S4.189.
96. Amaradasa[^], B.S., and **S.E. Everhart**. 2015. Sub-lethal doses of fungicide induce resistance emergence in *Sclerotinia sclerotiorum*. *Phytopathology*. 105:S4.7.
97. **Everhart[^], S.E.**, R. Jhala, B.S. Amaradasa, R. Higgins, J.R. Steadman. 2015. Worldwide population structure of *Sclerotinia sclerotiorum* from cultivated common bean. *Phytopathology* 105:S4.41.
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99. **Everhart[^], S.E.**, J.R. Steadman, R. Jhala, and B.S. Amaradasa. 2014. Emergence and evolution of fungicide resistance in fungal plant pathogens. NSF I/URUC Planning Meeting for Center for Emergence and Evolution of Pesticide Resistance. Lincoln, NE.
100. **Everhart, S.E.**, M.M. Larsen, A. Kanaskie, and N.J. Grunwald. 2014. Early detection of *P. ramorum* lineages in Oregon forests using genetic markers. *USDA Forest Health Management Working Group Meeting*, Jacksonville, FL.
101. Scherm, H., and **S.E. Everhart**. 2013. Spatial, temporal, and population aspects of epidemics in fruit tree canopies. (Abstr.) Pages 14–15 in: *Proceedings of the 4th Brazilian Workshop of Plant Disease Epidemiology*, Fed. Univ. Parana, Curitiba, Brazil.
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105. **Everhart, S.E.**, M.M. Larsen, and N.J. Grunwald. 2013. Where is *Phytophthora ramorum* now? An update on clonal populations in the U.S. *Phytopathology*. 103(Suppl. 2):S2.41.

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112. Scherm, H., **S.E. Everhart**, A. Askew, L. Seymour, and I.J. Holb. 2009. Spatial patterns of brown rot symptoms in individual, intensively mapped cherry trees. Pages 143–145 in: *Proc. 10th Intl. Epidemiol. Workshop*. Gadoury, Seem, Moyer, and Fry, eds. NY State Ag. Experiment Station, Geneva, NY. ISBN 0-9676507-7-1.
113. **Everhart, S.E.** 2009. Tree canopy exploration: The last frontier of biological research on earth. *International Master Gardener's Conference*, Las Vegas, NV. Keynote speaker.
114. **Everhart, S.E.** 2007. Species Assemblages and Distribution of Corticolous Myxomycetes in the Tree Canopy of Selected Forests. *Department of Plant Pathology, UGA*.
115. **Everhart, S.E.** 2008. Influence of bark pH on the assemblage and distribution of corticolous myxomycetes in the tree canopy in Great Smoky Mountains National Park. *Mid-Atlantic States Mycological Conference*.
116. **Everhart, S.E.** 2008. Vertical variation in bark characteristics and epiphyte cover on distribution patterns of corticolous myxomycetes (true slime molds) in the tree canopy. *Mid-Atlantic States Mycological Conference*.
117. **Everhart, S.E.** 2007. Tree Canopy Myxomycetes (True Slime Molds): Distribution patterns and species assemblages on trees and grapevines in temperate forests. *Sigma Xi Annual Meeting and Student Research*.
118. **Everhart, S.E.** 2007. The hunt for “biological jewels of nature” in the Great Smoky Mountains National Park. *Iowa State University Shade Tree Short Course*.
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121. **Everhart, S.E.** 2007. Ecology of canopy myxomycetes (true slime molds) on trees and grapevines (*Vitis aestivalis* and *V. vulpina*). *Southeastern Biology* 54 (2).
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128. **Everhart, S.E.** 2006. Myxomycetes (true slime molds): educational sources for students and teachers. *Transactions of the Missouri Acad. of Science*, Collegiate Division, Vol. 42.
129. **Everhart, S.E.** 2005. Spatial distribution of gopher mounds of *Geomys bursarius* in Cayler Prairie State Preserve. *Lakeside Lab Public Address*.
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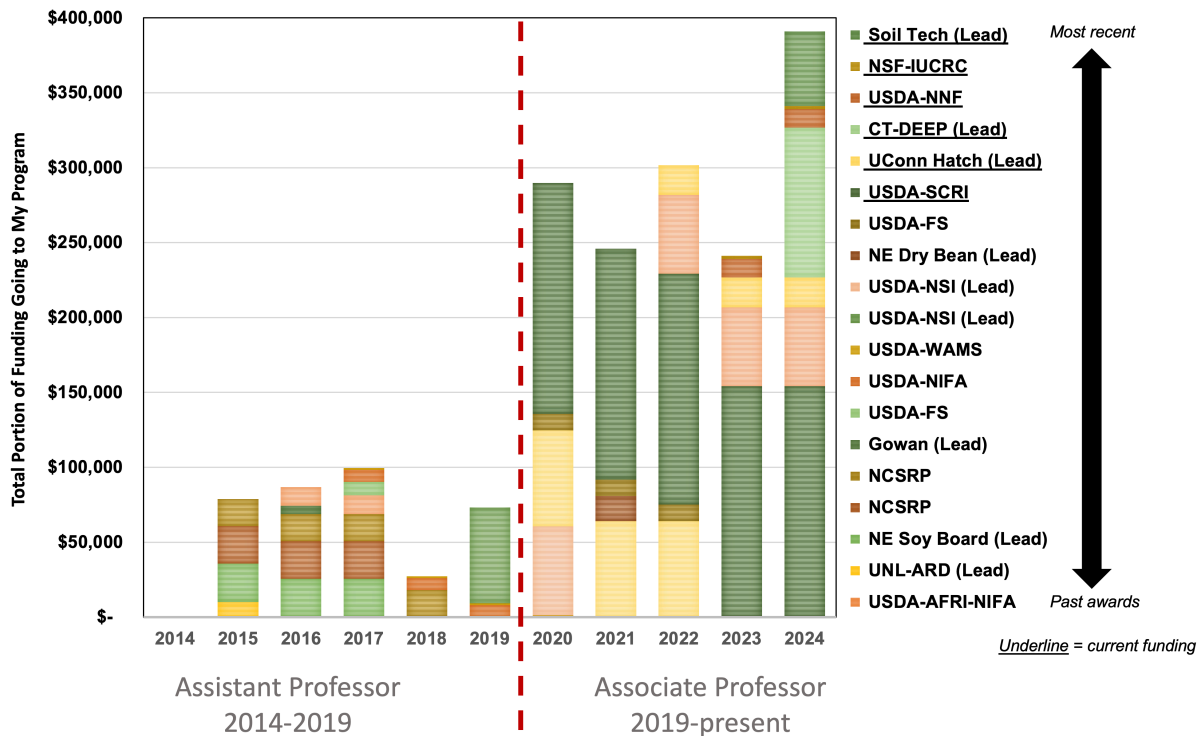
F. Grants and Contracts

Summary: From grants and contracts, I have operated my research program with an average of \$292k per year direct to my program over the last six years (excluding start-up funds and student-awarded fellowships), and am currently listed on six active grants and contracts. In my lifetime, I have been PI or Co-PI on a total of \$7.08M, with \$1.92M direct to my program, and have been the primary investigator on grants and contracts totaling \$1.06M. Many of these grants and research projects are collaborative within and across institutions. For a number of years, I was the lead-PI on a multi-state grant from the USDA National Sclerotinia Initiative that involved the evaluation of dry bean genotypes produced by plant breeders, which included up to eight cooperators and collaborators in academic institutions and USDA-ARS facilities across the nation. These types of multi-PI grants are not that much different from single institution grants but do require excellent time management and organization, ample communication about deadlines, and clear articulation of documentation needs. While not always successful, I find the act of pursuing grants to be incredibly thrilling and in 2021, I was lead PI on a \$52M grant proposal submitted to the USDA-NRCS Climate Smart program, which included a team of scientists, politicians, and non-government leaders from Connecticut. Although it was not funded, coordinating a proposal of that magnitude was an incredible experience unlike most other proposals and something that I hope to again pursue in the near future. In the coming year, I will be the lead PI to submit a \$2M+ proposal to the USDA Specialty Crops Research Initiative to continue our multi-state research project on Alternaria diseases of brassicas in the Eastern United States, and I am currently a co-PI on a \$10M multi-state USDA-SAS grant that is submitted and pending review. Below are a few summary tables and figures that present this information in multiple ways, followed by a list of all grants as lead PI, co-PI, and those submitted but not funded.

Lifetime totals in grant funding:

	<u>Total funding as PI / Co-PI</u>	<u>Portion to S.E.</u>
Active Grants / Contracts	\$3,992,188	\$1,123,204
Completed Grants / Contracts	\$3,084,738	\$798,233
Total:	\$7,076,926	\$1,921,437

Grant / Contract Funding Supporting My Research Program Over Time:
**FUNDING GOING DIRECTLY TO MY PROGRAM,
 BY YEAR AND SOURCE**



Total to prog.	\$ 292,134	\$ 1,526,477
Avg/Yr	\$ 58,492	\$ 254,413

Note: Amounts shown above are not the total award, just the portion to my program

The following table shows funding obtained as lead PI and also as Co-PI, both those awards that are currently active and also those already completed. These numbers correspond directly with the information shown in sections F1 and F2 below.

	PI (Lead)	Co-PI
Active	\$ 315,060	\$ 3,677,128
Completed	\$ 745,874	\$ 2,338,864
Total:	\$ 1,060,934	\$ 6,015,992
Grand Total:		\$ 7,076,926

F1. As Principal Investigator (\$1.01M Total)

Active projects:

Title of Project: Predictive Model to Link N Fertilization with Fungal Plant Pathogen Proliferation and Disease Severity

Agency/Company: NSF-IUCRC SoilTech

Total Dollar Amount: \$50,000.

Role: PI

Collaborators: S. Everhart (PI), and B. Tiamiyu (Co-PI)

Period of Contract: 01/2024 – 12/2024 (opportunity for renewal exists)

Title of Project: Outreach for Management of Connecticut Aquatic Invasive Species

Agency/Company: MOU with CT-Department of Energy and Environmental Protection

Total Dollar Amount: \$100,000.

Role: PI

Collaborators: S. Everhart (PI)

Period of Contract: 01/2023 – 12/2024

Title of Project: Genetic variability associated with the traits of fungicide resistance and pathogenicity in *Sclerotinia sclerotiorum*.

Agency/Company: USDA-ARS National Sclerotinia Initiative

Total Dollar Amount: \$105,000.

Role: PI

Collaborators: S. Everhart (PI), and S. Kodati (Co-PI)

Period of Contract: 09/2022 – 10/2024

Title of Project: Understanding routes of soilborne disease transmission in Christmas tree production systems in Connecticut.

Agency/Company: USDA Hatch (UConn Internal Award)

Total Dollar Amount: \$60,000.

Role: PI

Collaborators: S. Everhart (PI) and R. Koch Bach (Co-PI)

Period of Contract: 10/2022 – 9/2025

Completed projects:

Title of Project: Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas.

Agency/Company: USDA-ARS National Sclerotinia Initiative

Total Dollar Amount: \$154,165.

Role: PI

Collaborators: S. Everhart (PI)

Period of Contract: 10/2020 – 9/2022

Title of Project: Survey and rapid detection of fungicide resistant Frogeye Leaf Spot in Nebraska

Agency/Company: Nebraska Soybean Board

Total Dollar Amount: \$198,331

Role: PI from 2020–2021, then transferred to T. Jackson-Ziems for 2022–2023.
Collaborators: S. Everhart (PI), T. Jackson-Ziems (Co-PI)
Period of Contract: 10/2020 – 9/2023

Title of Project: Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas
Agency/Company: USDA-ARS National Sclerotinia Initiative
Total Dollar Amount: \$72,000
Role: PI
Collaborators: S. Everhart (PI)
Period of Contract: 10/2019 – 9/2020

Prior to time in rank as associate professor:

Title of Project: Fungicide resistance in *Rhizoctonia solani* and implications for soybean fields in Nebraska
Agency/Company: Nebraska Soybean Board
Total Dollar Amount: \$121,961
Role: PI
Collaborators: S. Everhart (PI) and A. Adesemoye (Co-PI)
Period of Contract: 10/2015 – 9/2018

Title of Project: Impact of sub-lethal fungicides on genome evolution: A potential new mechanism of resistance emergence in fungi.
Agency/Company: UNL Agricultural Research Division Layman Award (UNL Internal)
Total Dollar Amount: \$10,000
Role: PI
Collaborators: S. Everhart (PI)
Period of Contract: 10/2015 – 9/2016

Title of Project: *In vitro* fungicide testing of SDS pathogen, *Fusarium virguliforme* (current name *Neocosmopora virguliforme*)
Agency/Company: Gowan Company
Total Dollar Amount: \$5,625.
Role: PI
Collaborators: S. Everhart (PI)
Period of Contract: 07/2016 – 06/2017

Title of Project: Genome-wide characterization of population variation and evolution in *Phytophthora ramorum*, causal agent of sudden oak death
Agency/Company: USDA-AFRI-NIFA
Total Dollar Amount: \$130,000.
Role: PI
Collaborators: S. Everhart (PI)
Period of Contract: 08/2012 – 07/2014

F2. As Co-Principal Investigator (\$5.88M Total)

Active projects:

Title of Project: Valorizing research findings: Integrating research and extension to promote transformative changes in graduate education

Agency/Company: USDA National Needs Fellowship

Total Dollar Amount: \$246,000.

Role: Co-PI

Collaborators: Kuzovkina, G. Berkowitz, **S. Everhart**, M. Fragomeni, R. Raudales, H. Tao, H. Wang.

Period of Contract: 01/2023 – 12/2027

Title of Project: IUCRC Planning Grant Phase I, University of Connecticut: Center for Soil Technologies (SoilTech).

Agency/Company: NSF Industry–University Cooperative Research Centers

Total Dollar Amount: \$699,999

Role: Co-PI

Collaborators: Li, B., Y. Lei, H. Tao, **S.E. Everhart**, M. Chrysochoou, M. Stubler, M. Pena Mendez.

Period of Contract: 07/2023 – 06/2028

Title of Project: Control Alt Delete: Enhancing resiliency of broccoli production by mitigating Alternaria leaf blight and head rot in the eastern United States

Agency/Company: USDA Specialty Crops Research Initiative

Total Dollar Amount: \$2,731,129

Role: Co-PI

Collaborators: B. Dutta, **S.E. Everhart**, C. Smart, D. Langston, and S. Rideout

Period of Contract: 10/2020 – 09/2025

Completed projects:

Title of Project: Population genetic analysis of the fungal pathogen *Gemmamyces piceae* to determine native (sexual), introduced (clonal), or invasive (mixed) reproduction on spruce in Alaska.

Agency/Company: USDA Forest Service

Total Dollar Amount: \$42,845

Role: Co-PI

Collaborators: Adams, G., and **S.E. Everhart**

Period of Contract: 2020 – 2023

Title of Project: Cultivate ACCESS Diversity Fellows Program

Agency/Company: CHS Community Investment

Total Dollar Amount: \$80,000

Role: Co-PI

Collaborators: Keshwani, J., D. Keshwani, L. Sandall, J. Obermeyer, and **S.E., Everhart**

Period of Contract: 2020 – 2021

Title of Project: Optimizing cropping systems for resilience to stress: The role of maturity group selection and cover crops on yield, weeds, insects, and microbes

Agency/Company: USDA-NIFA Foundational on Pests and Beneficial Species
Total Dollar Amount: \$461,187
Role: Co-PI
Collaborators: Proctor, C., **S.E. Everhart**, (and 9 others at 3 other institutions)
Period of Contract: 2017 – 2020

Title of Project: Cultivating ACCESS: Agriculture Career Communities to Empower Students in STEM
Agency/Company: USDA-NIFA Women and Minorities in Science
Total Dollar Amount: \$94,387
Role: Co-PI
Collaborators: Keshwani, J., D. Keshwani, L. Sandall, J. Obermeyer, and **S.E., Everhart**
Period of Contract: 2017 – 2021

Prior to time in rank as associate professor:

Title of Project: Seedling diseases: Identification, management and education
Agency/Company: North Central Soybean Research Program
Total Dollar Amount: \$878,940
Role: Co-PI
Collaborators: Bond, J., **S.E. Everhart**, (and 13 others at 10 institutions)
Period of Contract: 2015 – 2018

Title of Project: Biology and control of sclerotinia stem rot of soybean
Agency/Company: North Central Soybean Research Program
Total Dollar Amount: \$240,000
Role: Co-PI
Collaborators: Kabbage, M., **S.E. Everhart**, (and 4 others at 3 institutions)
Period of Contract: 2015 – 2018

Title of Project: Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas
Agency/Company: USDA-ARS National Sclerotinia Initiative
Total Dollar Amount: \$117,096
Role: Co-PI
Collaborators: Steadman, J., and **S.E. Everhart**
Period of Contract: 2016 – 2018

Title of Project: Population genetic analysis of the fungal pathogen *Gemmamyces piceae* to determine native (sexual), introduced (clonal), or invasive (mixed) reproduction on spruce in Alaska
Agency/Company: USDA Forest Service
Total Dollar Amount: \$10,000
Role: Co-PI
Collaborators: Adams, G., and **S.E. Everhart**
Period of Contract: 2017 – 2018

Title of Project: Bridging the gap: Educating multidisciplinary professionals to steward pest management technologies for sustainable agriculture

Agency/Company: USDA National Needs Fellowship

Total Dollar Amount: \$238,500

Role: Co-PI

Collaborators: Hein, G. (PI), **Everhart, S.**, Giesler, L., Golick, D., Hunt, T., Jhala, A., Lee, D., Sandall, L.

Period of Contract: 2016 – 2021

F3. As Senior Personnel or Contributor (\$244k Total)

Title of Project: Improving Plant Disease Management by Novel Applications of Population Genetics to Characterize Disease Outbreaks and Pathogen Spread.

Agency/Company: CONNACYT, Mexican Government

Total Dollar Amount: \$116,728

Role: Co-PI / Advisor

Collaborators: Gabriel-Peralta, S. and **S. Everhart.**

Period of Contract: 08/2016 – 08/2020

Title of Project: Fungicide Sensitivity and Population Structure of *Sclerotinia sclerotiorum* from Soybean in the North Central United States and Dry Bean in Mexico

Agency/Company: CONNACYT, Mexican Government

Total Dollar Amount: \$124,620

Role: Co-PI / Advisor

Collaborators: Nieto-Lopez, E., and **S. Everhart.**

Period of Contract: 08/2016 – 08/2020

Title of Project: Population Genetic Diversity of *Sclerotinia sclerotiorum*, Causal Agent of White Mold Disease of Dry Bean, and Implications for Fungicide Resistance / Disease Management

Agency/Company: UNL IANR Undergraduate Research Award

Total Dollar Amount: \$2,500

Role: Co-PI / Advisor

Collaborators: Pannullo, A, and **S. Everhart.**

Period of Contract: 07/2016 – 05/2017

F4. Pending Proposals – None.

F5. Proposals Submitted (\$10M Total)

Title of Project: Turfgrass genotype research to advance sustainable solutions (*TurfGRASS*)

Agency/Company: USDA-NIFA Sustainable Agricultural Systems

Total Dollar Amount: \$10,000,000.

Role: Co-PI

Collaborators: Li, Y. A. Alenjhallen, **S. Everhart**, S. Fei, M. Fragomeni, A. Helton, A. Koski, A. Kowalewski, B. Leinauer, O. Quaicoe, C. Schmid, E. Sevostianova, J. Smachylo, S. Stearns, V. Wallace, H. Wang, R. Wang, and X. Yang.

Period of Contract: 2025 – 2030

F6. Proposals Not Funded (\$58.6M)

Title of Project: Genetic variability associated with the traits of fungicide resistance and pathogenicity in *Sclerotinia sclerotiorum*

Agency/Company: USDA-ARS National Sclerotinia Initiative

Total Dollar Amount: \$82,774

Role: PI

Collaborators: **Everhart, S.E.**, and B. Tiamiyu.

Period of Contract: 2024 – 2025

Title of Project: Deciphering Signals in the Soil (SitS) – *resubmission*

Agency/Company: NSF Research Experience for Undergraduates

Total Dollar Amount: \$498,986

Role: Co-PI

Collaborators: Lei, Y., S. Everhart, B. Li

Period of Contract: 6/2024 – 5/2027

Title of Project: Deciphering Signals in the Soil (SitS)

Agency/Company: NSF Research Experience for Undergraduates

Total Dollar Amount: \$498,986

Role: Co-PI

Collaborators: Lei, Y., S. Everhart, B. Li

Period of Contract: 6/2023 – 5/2026

Title of Project: Brassica IPM in Diversified Northeastern Production Systems

Agency/Company: USDA Specialty Crops Research Initiative

Total Dollar Amount: \$2,693,081

Role: Co-PI

Collaborators: Legrand, A., S. Everhart, S. Ghimire, C. Connolly

Period of Contract: 10/1/2023 – 9/30/2027

Title of Project: Creating sustainable and resilient communities through climate smart controlled environment agriculture for tribes and small farms.

Agency/Company: USDA Natural Resource Conservation Agency

Total Dollar Amount: \$52,692,925

Role: PI

Collaborators: **Everhart, S.E.**, B. Burr, L. Shor, K. Rollins, L. Zhang, I. Valla, U.

Passaogullari, C. Connolly, S. Ghimire.

Period of Contract: 10/2022 – 09/2027

Title of Project: Soil Nexus: Next-generation advances for soil health

Agency/Company: UConn competitive pre-proposal submitted for NSF Accelerating Research Translation

Total Dollar Amount: UConn pre-proposal; up to \$6M if selected.

Role: PI

Collaborators: **Everhart, S.E.**, H. Tao, B. Li, and Y. Lei

Period of Contract: 10/2023 – 9/2027

Title of Project: Diagnosis of major soil-borne plant pathogens in sub-Saharan Africa for banana, beans, and maize, by a novel, ultra-high-sensitivity DNA-based assay system

Agency/Company: Gates Foundation

Total Dollar Amount: \$100,000.

Role: Co-PI

Collaborators: Powers, T., and **S.E. Everhart**

Period of Contract: 2019 – 2020

Title of Project: The clonal lexicon: Synthesizing empirical, theoretical, and applied research across the eukaryotic tree in order to understand the evolution of reproductive mode.

Agency/Company: European Society of Evolutionary Biology, Progress Meeting in Evolutionary Biology.

Total Dollar Amount: \$10,000

Role: Co-PI

Collaborators: Krueger-Hadfield, S.A. (PI), M.E. Orive, and **S.E. Everhart**

Period of Contract: 2019

Title of Project: Role of microbial communities in soil health, yield, and disease

Agency/Company: Nebraska Soybean Board

Total Dollar Amount: \$129,624

Role: PI

Collaborators: **Everhart, S.E.**, A.O. Adesemoye, and J. Herr

Period of Contract: 10/2016 – 9/2019

Title of Project: Open Science to Open Doors for Women

Agency/Company: Johnson & Johnson Foundation WiSTEM2D – *limited submission*

Total Dollar Amount: \$150,000

Role: PI

Collaborators: **Everhart, S.E.**

Period of Contract: 2017 – 2020

Title of Project: Soybean maturity group selection

Agency/Company: North Central Soybean Research Program

Total Dollar Amount: \$598,720.

Role: Co-PI

Collaborators: Proctor, C., **S. Everhart**, M. Drewnoski, B. Krienke, J. McMechan, J. Parsons, D. Redfearn, R. Werle, R. Elmore.

Period of Contract: 2017 – 2021

Title of Project: Cover crop to corn transition research group

Agency/Company: UNL-IANR Bridge Funding (UNL Internal Award)

Total Dollar Amount: \$50,000

Role: Co-PI

Collaborators: Proctor, C., **S. Everhart**, M. Drewnoski, B. Krienke, J. McMechan, J. Parsons, D. Redfearn, R. Werle, R. Elmore

Period of Contract: 2020 – 2021

Title of Project: Enhancing *Sclerotinia sclerotiorum* management using population genetics, monitoring fungicide resistance and an optimized fungicide program

Agency/Company: USDA-ARS National Sclerotinia Initiative

Total Dollar Amount: \$75,000 (with option for renewal up to 5 years)

Role: Co-PI

Collaborators: Dutta, B., and **S.E. Everhart**

Period of Contract: 2018 – 2019

Title of Project: The role of soybean maturity group selection and cover crops on yield, weeds, insects, and microbes

Agency/Company: North Central Soybean Research Program

Total Dollar Amount: \$488,353

Role: Co-PI

Collaborators: Proctor, C., R. Elmore, D. Redfearn, M. Drewnoski, J. Parsons, **S. Everhart**, J. McMechan, R. Werle, L. Lindsey, A. Dorrance

Period of Contract: 7/1/2017 – 9/30/2020

Title of Project: Role of Microbial Communities in Soil Health, Yield, and Disease.

Agency/Company: Nebraska Soybean Board

Total Dollar Amount: \$51,372

Role: Co-PI

Collaborators: **Everhart, S.**, Adesemoye, A., Herr, J.

Period of Contract: 2016 – 2020

Title of Project: Better Management of Northern Corn Leaf Blight

Agency/Company: Nebraska Corn Board

Total Dollar Amount: \$50,628

Role: Co-PI

Collaborators: Jackson-Ziems, T., **S. Everhart**

Period of Contract: 03/2016 – 02/2020

Title of Project: Chemigation for Management of Sclerotinia Stem Rot in Soybean

Agency/Company: Nebraska Soybean Board

Total Dollar Amount: \$51,972

Role: Co-PI

Collaborators: Giesler, L., **S. Everhart**

Period of Contract: 2016 – 2020

Title of Project: Phase 1: *In vitro* testing of biofungicide activity on plant pathogens

Agency/Company: Professor Hara and Associates

Total Dollar Amount: \$TBD

Role: Co-PI

Collaborators: Yuen, G., **S. Everhart**

Period of Contract: submitted May, 2016. Period TBD.

Title of Project: Corn Rhizoc Fungicide Resistance

Agency/Company: Nebraska Corn Board

Total Dollar Amount: \$43,715
Role: PI
Collaborators: **Everhart, S.**, Adesemoye, A
Period of Contract: Submitted January 30, 2015

Title of Project: Are low-dose fungicides high-risk?
Agency/Company: Nebraska Soybean Board
Total Dollar Amount: \$151,202
Role: PI
Collaborators: **Everhart, S.**
Period of Contract: Submitted January 20, 2015

Title of Project: Emergence and Evolution of Fungicide Resistance in Fungal Plant Pathogens
Agency/Company: NSF-IUCRC Center for Ecology, Evolution, and Management of Pesticide Resistance
Total Dollar Amount: \$37,600
Role: PI
Collaborators: **Everhart, S.**, and J. Steadman.
Period of Contract: 12/2014 – 12/2015

Title of Project: Estrutura genética de populações de *Entomosporium mespili*, distribuição espacial de sintomas dentro e entre dosséis de plantas e pomares e componentes de resistência de cultivares de pereira europeia no sul do Brasil.
Agency/Company: Conselho Nacional de Desenvolvimento Científico e Tecnológico, CNPq Federal Agency
Total Dollar Amount: \$120,000
Role: Co-PI
Collaborators: Bogo, A, and **S. Everhart**.
Period of Contract: 12/2014 – 12/2016

G. Other Scholarly and Creative Accomplishments – *None*.

H. Societal and Policy Impacts – *None*.

I. Other Professional Activities

Expert Witness, Everhart Horticulture Consulting, pesticide drift case of Eagle Creek Vineyards v. Eric Brinkman, May – November 2017.

SECTION FOUR:

ACADEMIC AND PROFESSIONAL SERVICE / ENGAGEMENT

A. Narrative On Academic And Professional Service / Engagement

I was hired as department head in 2021 and my responsibilities include oversight of personnel (21 faculty and 12 staff), undergraduate 2- and 4-year programs (150 undergraduates), a graduate program leading towards the MS and PhD (30 graduate students), and successful operation of multiple service centers and facilities, including the soil lab, diagnostics lab, research farm, and greenhouse ranges. My responsibilities also include fiduciary oversight of all revenue and expenditures within the department, and ensuring compliance with applicable federal and state rules and regulations. Under my leadership in the past three years, the department has successfully navigated 6 faculty hires (two forthcoming), 8 staff hires, national LAAB accreditation review, medium and large-scale renovations totaling >\$8M, grant funding from the USDA-NIFA National Needs Fellowship, and re-naming our 4-year plant science degree, which will be launched in Fall 2025. Many of these initiatives were guided by our departmental strategic plan and serve to advance the college's strategic vision. We are currently finalizing documents for our departmental review that will occur in Fall 2024 and will be developing a new strategic plan the following spring, utilizing feedback from the review team to further strengthen our unit.

Prior to joining UConn, I led faculty in writing a proposal to create a new graduate program in Plant Pathology at the University of Nebraska. For nearly 100 years our department routed graduate students through other departments. As one of 13 remaining Departments of Plant Pathology in the U.S., ours was the only one that did not offer graduate degrees in the discipline. More importantly, students coming through our program lacked the ability to develop a collective identity as plant pathologists. While the creation of this graduate program did not require any new resources, it gave our department greater unity, allowed us to create a student-centric curriculum, and streamlined our administration process. Subsequently, I led efforts to establish a department-level recruitment strategy that tripled the average number of applications per year from 25 to 75, regularly published graduation announcements in the American Phytopathological Society national newsletter, *Phytopathology News*, and developed a 50-page graduate handbook that outlined program admission / administration guidelines, expectations for faculty and student conduct, professional development resources, and opportunities for students.

In the past year, I have led my department on an evaluation of our undergraduate program to develop learning outcomes and to enhance visibility of our program in order to increase enrollments. We conducted a review of our peer institutions and determined that our existing undergraduate major name, "Sustainable Plant and Soil Systems" made it difficult for students to understand what the major focused on. After the year-long process, PSLA faculty voted to change the name to "Plant Science", which will align the name of our department, graduate program, and 2-year program. The new name will be launched in 2025 and we have drafted a recruitment and advertising campaign to further enhance visibility of the program, and are developing advertising materials that can be distributed to parents and high school students and advisors.

Complementary to these department-level efforts, I have actively been involved in both inward serving and outward engaging college- and university-wide initiatives, which are listed below. Finally, I have held memberships in various scientific societies for over 20 years and recently completed a three-year term on the Executive Council of the American Phytopathological Society (APS), am currently in my fourth year as a Senior Editor for the APS journal *Phytopathology*, and am vice chair for the APS Academic Unit Leaders Form. I am actively involved in my multi-state Hatch project (S1083) and I am also regularly invited and participate on grant panels, academic program reviews, and faculty candidate evaluations; see below.

B. Professional Contributions

Multi-State and Individual Hatch Projects:

- Member, Multistate Research project S1083, 2019–**present**
 - Chair, Multistate Research project S1083, 2022–2023
 - Vice-Chair, Multistate Research project S1083, 2021–2022
- Co-Chair, Hatch Project: Stress responses, adaptations and management of pests and pathogens in agroecosystems, 2015–2020

Grant Panelist for:

- USDA Foundational Program for Pests and Beneficial Species, 2017
- USDA External Review of Research Plans, 2017

Academic Program Reviews for:

- Department of Plant and Soil Science, University of Vermont, 2024
- Department of Entomology, UNL, 2016

External Promotion and Tenure Review for:

- Candidate for promotion and tenure at Pennsylvania State University, 2023

Positions within Scientific Societies (invited and elected positions only):

- Vice-Chair, Academic Unit Leaders Forum, APS, elected position, 2024–**present**
- Curriculum Task Force, APS, invited position, 2023–**present**
- Councilor-at-Large, Executive Council of APS, elected position, 2021–2024
- Member, Annual Meeting Board of APS, invited position, 2016–2021
- Chair, Epidemiology Committee of APS, elected position, 2019–2020
- Vice-Chair, Epidemiology Committee of APS, elected position, 2018–2019
- Chair, Mycology Committee of APS, elected position, 2015–2016
- Vice-Chair, Mycology Committee of APS, elected position, 2014–2015

Editorships for Scientific Journals:

- Senior Editor for *Phytopathology*, 2021–**present**
- Section Editor for *Tropical Plant Pathology*, 2018–2019
- Associate Editor for *Ciencias Rural*, 2014–2015

C. Institutional Contributions

C1. University Level Service

Name of Committee or Assignment	Responsibilities of the Assignment	Dates of Service
UConn Cuba Initiative, <i>Invited position</i>	Travel as UConn CAHNR representative to re-establish collaborations and MOUs related to academic programs and exchanges	May 2024 – present
UConn Brewing Initiative Steering Committee, <i>Appointed position</i>	Member of committee developing plan for future institute of brewing innovation	Fall 2023 – present
Academic Planning Committee (UNL), <i>Elected position</i>	Review of academic programs and oversight of proposal for departmental closures.	AY20-21
Committee to create a UNL Professional Code of Conduct, <i>Invited position</i>	We were a small <i>ad hoc</i> committee of 10 people from across the University that was	AY20-22

	tasked with drafting a university-wide professional code of conduct.	
UNL Entomology Academic Program Review Member, <i>Invited</i>	The review team and I were charged with evaluating the academic, Extension, and research programs of the UNL Department of Entomology.	Fall 2016

C2. College/School Level Service

Chair of Search Committee for new Associate Dean for Extension in CAHNR	As chair, my role was to organize and coordinate members of the committee in making a review of candidates for this position, ensuring timely progress of the search process, coordinated communication with our candidates, attending meetings with candidates, and providing a comprehensive feedback summary to the Dean.	Apr. 2022 – Oct. 2023
Grant Review Panelist for UConn Hatch Research	Lead and secondary reviewer on proposals in my area of expertise.	2022, 2024
UNL CASNR Curriculum Committee, <i>Appointed as department representative</i>	Review of new course proposals and curricular changes at the college-level	Spring 2020
IANR Brazilian Student Research Symposium, <i>Created and led symposium</i>	Organized research symposium for seven Brazilian students from various college-wide departments to give research presentations.	Symposium on Aug. 20, 2019
Dermott Coyne Foundational Awards Committee, <i>Member</i>	Allocated funding for lectureships in plant breeding and emergency funding for graduate students.	2019–2021
CASNR Web Framework, UNL	Represented the department at staff meetings for the redesign, branding, and unification of websites within the college.	2015 – 2021
Stress Hatch Research Co-Chair, <i>Invited position</i>	Responsible for holding meetings and collecting reporting documents for the research group.	2015 – 2021

C3. Department Level Service

Department Head, UConn	Administrative and fiduciary oversight of Department of Plant Science & Landscape Architecture, see Narrative (4A) above.	2021– present
Graduate Committee, UNL	Coordinated advertising, recruitment, admission reviews, and annual reviews for MS and PhD graduate program in plant pathology.	2020–2021
Member, Department Head Advisory Committee, UNL	Provided feedback to new department head on decisions and tasks related to department operations and policy	2020–2021
Curriculum Committee, UNL	We developed a set of learning outcomes for our graduate program. I created a survey and analysis to map our courses to each of the	2018–2021

	learning outcomes and presented results at our department retreat.	
Chair, <i>Ad hoc</i> graduate handbook committee, UNL	Led a group of faculty to write a 50+ page handbook to guide our new graduate program.	2019–2020
Chair, <i>Ad hoc</i> graduate program proposal, UNL	Led proposal writing and garnered cross-departmental support to create a new graduate program for MS and PhDs in Plant Pathology at UNL.	2018–2019
Member, Website Committee, UNL	Trained department staff person on website maintenance and guided their development of new content.	2018–2021
Member, Department Vision Committee, UNL	Part of task force to write a new vision statement for our department.	2017–2021
Chair, Website Committee, UNL	I developed a new department website in Drupal framework; migrated and updated existing content and created new content. I also created and maintained the department Twitter account and integrated it into our department website.	2015–2018

D. Public and Community Service – *None.*

SECTION FIVE: JOINT APPOINTMENTS

None.

SECTION SIX: STATEMENT BY THE CANDIDATE

I certify that this information is complete and correct.

Signature: _____



Name: Sydney Everhart

Date: August 23, 2024