



HAZEL DANIELS

VITALS

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EDUCATION

PhD Plant Pathology

Oregon State University
June 2021

M.S. Sustainable Forest Mgmt

Oregon State University
December 2017

B.S. Forest Resource Mgmt

University of Tennessee
May 2015

B.A. Philosophy

University of South Florida
December 2007

CERTIFICATION

Graduate Certificate in College &
University Teaching (GCCUT)

Oregon State University
June 2021

CURRICULUM VITAE

PUBLICATIONS

Daniels, H.A., Parke, J.L., Pscheidt, J.W., Benemann, C. 2020. *Phytophthora ramorum*: A Guide for Oregon Nurseries. Oregon State University Extension Service. Technical Report under final review.

*Carleson, N.C., ***Daniels, H.A.**, Reeser, P.W., Kanaskie, A., Navarro, S.M., LeBoldus, J.M., Grünwald, N.J. 2020. Novel Introductions and epidemic dynamics of the sudden oak death pathogen *Phytophthora ramorum* in Oregon forests. *Phytopathology*.

Kiser, J., **Daniels, H.**, Scrivani, J. 2019. Isolation of endophytic fungi from Douglas-fir (*Pseudotsuga menziesii*) foliage with bioprospecting potential for natural pharmaceuticals. *Current Trends in Forest Research*.

Keriö, S., **Daniels, H.A.**, Gómez-Gollego, M., Tabima, J.F., Lenz, R.R., Søndreli, K.L., Grünwald, N.J., Williams, N., McDougal, R., LeBoldus, J.M. 2019. From genomes to forest management – tackling invasive *Phytophthora* species in the era of genomics. *Canadian Journal of Plant Pathology*.

Daniels, H., Cappellazzi, J., and Kiser, J. 2018. Microbiome Diversity of Endophytic Fungi across Latitudinal Gradients in West Coast Douglas-fir (*Pseudotsuga menziesii*) Foliage. *Journal of Biodiversity Management & Forestry*.

Kiser, J.D., **Daniels, D.A.**, and Temesgen, H. 2017. Growth response of coastal Douglas-fir (*Pseudotsuga menziesii* [Mirbel] Franco) in western Oregon following mechanical commercial thinning damage. *Mathematical and Computational Forestry and Natural-Resource Sciences*.

Daniels, H.A. 2017. Phylogenetic Identification of Pathogenic and Endophytic Fungal Populations in West Coast Douglas-fir (*Pseudotsuga menziesii*) Foliage. Oregon State University.

Daniels, D.A., et al. 2016. Thousand Cankers Disease Complex: A Forest Health Issue that Threatens *Juglans* Species across the U.S. Forests.

HAZEL DANIELS

MEMBERSHIP & SERVICE

Xi Sigma Pi

Omicron Delta Kappa

Gamma Sigma Delta

Women in the Woods

Diverse Perspectives in Forestry

Society of American Foresters

- Entomology/Pathology Working Group
- Genetics & Tree Improvement Working Group

Western International Forest

Disease Work Conference

- Foliage & Twig Disease Comm.

Am. Phytopathological Soc.

- Graduate Student Comm.
- Forest Pathology Comm.
- Mycology Comm.

Coalition of Graduate Employees

- President
- VP of Bargaining & Grievances
- Contract Bargaining Comm. (2016, 2017, 2019)
- Departmental Steward (2016)
- Mutual Aid Caucus
- Disability Justice Caucus

SCHOLARSHIPS & AWARDS

2018-2019

OSU Botany & Plant Pathology

Dept. Anita Summers Graduate Student Travel Award

OSU Graduate School: Graduate Student Travel Award

CURRENT RESEARCH

SUDDEN OAK DEATH (SOD) IN SW OREGON AND BEYOND

Doctoral thesis, Oregon State University, Spring 2021

Advisor: Jared LeBoldus, PhD

1: Eradication effectiveness study of SOD-infected sites. This chapter focuses on the newly discovered EU1 lineage and untreated NA1 sites, with additional focus on the influence, if any, of natural fire on eradication of *P. ramorum*.

2: Epidemiology/spatial analysis of the first four years of SOD infection for both NA1 and EU1 lineages. Emphasis on the first four years allows comparison of NA1 and EU1 lineages as they move through Curry County, OR.

3: Field and growth chamber trials of *Pinus radiata* as potential SOD host. Lesion development in cut bolts will be observed, and symptoms and sporulation will be observed on seedlings.

RECENT PRESENTATIONS

ORAL PRESENTATIONS

International Union of Forest Research Organizations (IUFRO) 07.02.09 Working Congress, October 2019, Sardinia, Italy

7th Sudden Oak Death Science and Management Symposium, June 2019, San Francisco, CA

66th Annual Western International Forest Disease Work Conference, June 2019, Estes Park, CO

POSTER PRESENTATIONS

U.S. Forest Service Forest Health Monitoring Workshop, February 2020, Raleigh, NC

Field seminar in temperate forests around Mt. Fuji. September 2017, Shizuoka University, Japan

International Union of Forest Research Organizations (IUFRO) 07.02.02 Working Party, May 2017, Niagara Falls, Ontario

American Phytopathological Society annual meeting, August 2016, Tampa, FL

64th Annual Western International Forest Disease Work Conference, May 2016, Sitka, AK

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SCHOLARSHIPS & AWARDS
2018-2019

Western International Forest Disease Work Group: Top Graduate Student Scholarship

2017-2018

Alfred W. Moltke Memorial Scholarship

John Lind Ching Memorial Fellowship

2016-2017

American Phytopathological Society: Forest Pathology Student Travel Award to attend and present at the 2016 Annual Meeting

Lee Harris Graduate Award in Forestry

J. Richard Dilworth Graduate Award in Forestry

Western International Forest Disease Work Group: Top Graduate Student Scholarship

2015-2016

Alfred W. Moltke Memorial Scholarship

Provost's Graduate Scholarship

Western International Forest Disease Work Group: Top Graduate Student Scholarship

RELEVANT WORK EXPERIENCE
GRADUATE TEACHING ASSISTANT

Oregon State University, Corvallis, OR
August 2015 to Present

Teaching laboratory section:

FE 257: GIS and Forest Engineering Applications.

FE 312: Forestry Field School.

BOT 413/513: Forest Pathology.

Grading only:

FE 111: Introduction to Forestry.

FE 208: Forest Surveying.

FE 310: Forest Route Surveying.

SCIENCE WRITER

Oak Ridge National Laboratory, Oak Ridge, Tennessee
January 2014 to June 2014

National Center for Computational Sciences (NCCS) science writing internship. Operated in a mission-driven environment, developing, writing, and placing stories to advance the interests of ORNL computing complex. Conducted interviews with scientists, researched scientific topics relating to high performance computing, and developed feature articles and press releases for both web and print.

UNDERGRADUATE RESEARCH ASSISTANT

University of Tennessee, Knoxville, Tennessee
February 2013 to April 2014

Worked at Windham plant disease laboratory on Thousand Cankers Disease complex in native black walnut (*Juglans nigra*) populations in the Southeastern U.S. Assisted in population genetics research related to *Geosmithia morbida* and *Pityophthorous juglandis*. Performed field and lab work relating to wood boring beetles and fungal pathogens occurring on black walnuts. Additional responsibilities included training new student workers in appropriate lab protocol. Performed molecular data analyses for independent research as well as lab-directed research. Proofread articles and grants and created maps for publication purposes using ArcGIS.

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SCHOLARSHIPS & AWARDS 2014-2015

Blakely Award of Distinction in Science Writing, Undergraduate Division, East Tennessee Chapter of the Society for Technical Communication, 2014

Dr. Ray Wells Memorial Academic Scholarship

Margaret E. Hodges Academic Scholarship

Outstanding Senior in the Forestry Program, 2014

Service Medallion for logging more than 100 hours of community service, University of Tennessee Center for Leadership and Service, 2015

2013-2014

Dr. Ray Wells Memorial Academic Scholarship

Margaret E. Hodges Academic Scholarship

Railway Tie Association – John Mabry Forestry Scholarship

University of Tennessee Summer Undergraduate Research Internship to study Thousand Cankers Disease in East Tennessee

OTHER WORK EXPERIENCE

PRESIDENT (2019-2020) & VP FOR BARGAINING AND GRIEVANCES (2016-2018)

Coalition of Graduate Employees (AFT Local 6069), Corvallis, OR
June 2016 to June 2020

Represented a bargaining unit of 1,800 graduate employees at Oregon State University. Participated (2016, 2020) and lead (2018) CGE bargaining team in biennial contract negotiation with employers. Represented, supported, and advised graduate employees during grievance procedures. Met frequently with OSU's President and HR department to ensure contract was upheld by the university.

VOLUNTEER, CLINGMANS DOME INFORMATION CENTER

National Parks Service, Gatlinburg, Tennessee
July 2010 to August 2013

Provided information to park guests about the Great Smoky Mountains National Park, park air quality, as well as local flora and fauna. Roved the Clingmans Dome area to assist guests with questions and help in the case of an emergency.

STUDENT SUCCESS MENTOR

Pellissippi State Technical Community College, Knoxville, TN
January 2011 to December 2012

Helped students one-on-one find the resources they need to succeed in school. Created and published monthly newsletter to be posted on campus. Assisted the campus Dean and Student Success Coordinator to provide information to students.