

BETH BLACK PEACOCK

University of California ◇ Riverside, CA 92521

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EDUCATION

University of California at Riverside	2016 - present
Doctoral Student - Plant Pathology	
Advisor - Dr. James Borneman	
University of Havana	2015
Visiting Student - studied agro-ecology and philosophy of science	
Brigham Young University	2015
BS - Landscape Management, <i>with university honors</i>	
Thesis - Nitrogen Nutrition Impact on Incidence of Rhizoctonia Infection of <i>Agrostis stolonifera</i>	
Advisors - Dr. Brad D. Geary and Dr. Bryan G. Hopkins.	

RESEARCH INTERESTS

Huanglongbing Pathosystem, Metabolic Modeling, Phytobiomes

PUBLISHED WORK

Mayorquin JS, Nouri MT, **Peacock BB**, Trouillas FP, Douhan GW, Kallsen CE, Eskalen A. 2019. *Identification, Pathogenicity, and Spore Trapping of Colletotrichum karstii Associated with Twig and Shoot Dieback in California*. Plant Disease.

Ginnan N, Dang T, Bodaghi S, Ruegger P, **Peacock B**, McCollum G, Vidalakis G, Rolshausen P, Roper C, Borneman J. 2018. *Bacterial and Fungal Next Generation Sequencing Datasets and Metadata from Citrus Infected with Candidatus Liberibacter asiaticus*. Phytobiomes, 2:2.

Mayorquin JS, Carrillo J, Twizeyimana M, **Peacock BB**, Sugino K, Na F, Wang D, Kabashima J, Eskalen A. 2018 *Chemical Management of Invasive shot hole borer and Fusarium Dieback in California sycamore* Platanus racemosa in Southern California. Plant Disease.

Masi M, Meyer S, Pescitelli G, Cimmino A, Clement S, **Peacock BB**, Evidente A. 2017. *Phytotoxic activity against Bromus tectorum for secondary metabolites of a seed-pathogenic Fusarium strain belonging to the F. tricinctum species complex* Nat Prod Res. 31:23.

Adesemoye AO, Mayorquin JS, **Peacock BB**, Moreno K, Hajeri S, Yokomi R, Eskalen A. 2016. *Association of Neonectria macrodidyma with Dry Root Rot of Citrus in California*. J Plant Pathol Microbiol, 8:1.

Masi M, Meyer S, Cimmino A, Clement S, **Black B**, Evidente, A. 2014. *Pyrenophoric acids B and C, two new phytotoxic sesquiterpenoids produced by Pyrenophora semeniperda* J Agric Food Chem, 62:42.

CONFERENCE PAPERS, ABSTRACTS, AND POSTERS

Peacock BB *Creating a Pholem Delivery Vehicle and Understanding CLas Physiology and Pathogenesis*. Plant Pathology Department Seminar Presentation. University of California, Riverside 2019.

Blacutt AA, Ginnan NA, Dang T, Bodaghi S, **Peacock B**, Borneman J, Vidalakis G, Maloney K, McCollum G, Rolshausen P, and Roper C. *Natural Product -mining of the citrus microbiome: Isolating compounds potentially antagonistic to Candidatus Liberibacter asiaticus*. Poster Session, American Phytopathological Society Annual Meeting; 2018.

Peacock BB *A Microbiome-Based Approach to Manage HLB*. Plant Pathology Department Seminar Presentation. University of California, Riverside 2018.

Blacutt AA, Ginnan NA Aksenov A, Dang T, Bogdahi S, **Peacock B**, Ruegger P, Dorrestein P, Maloney K, McCollum G, Vidalakis G, Borneman J, Rolshausen P, and Roper C. *Profiling the citrus microbiome from form to function*. Poster Session, Keystone Symposium, Natural Products and Synthetic Biology: Parts and Pathways January 2018.

Croslan M, **Peacock B**, Geary B, and Hopkins BG. *Nitrogen and Rhizoctonia solani interactions in creeping bentrgrass (Agrostis stolonifera L.)* Poster Session, Sports Turf Managers Association Annual Meeting 2018.

Mayorquin JS, Carrillo JD, **Peacock BB**, Moreno K, Torres LP, Eskalen A. *Investigating chemical control options for Colletotrichum Dieback of clementine in California*. Paper Presentation, American Phytopathological Society Annual Meeting 2017.

Mayorquin JS, Carrillo JD, Twizeyimana M, **Peacock BB**, Na F, Sugino KY, Wang DH, Kabashima, JN, Eskalen A. *Chemical management of Shot hole borer (Eucalliptus spp.) and Fusarium Dieback, an invasive pest-disease complex in California sycamore*. Paper Presentation, American Phytopathological Society Pacific Division Meeting 2017.

Black B, Geary BD, Hopkins BG. *Nitrogen Nutrition Impact on Incidence of Rhizoctonia Infection of Agrostis stolonifera*. Poster Session, American Phytopathological Society Annual Meeting 2015.

WORK EXPERIENCE

Graduate Student Researcher with Dr. James Borneman - UCR	2016 - Present
Graduate Student Researcher with Dr. Caroline Roper - UCR	2016
Junior Specialist for Dr. Akif Eskalen - UCR	2015 - 2016
Research assistant for Dr. Susan Meyer - USDA	2014 - 2015
Teaching assistant for Dr. Phil Allen's Aboriculture course - BYU	2014 - 2015

SELECTED AWARDS, FELLOWSHIPS, AND GRANTS

Charles W. Coggins, Jr. Endowed Scholarship	2019
Wilson Graduate Scholarship for Citrus Research	2018
Charles W. Coggins, Jr. Endowed Scholarship	2017
UCR Deans Distinguished Fellowship	2016 - 2021
NALP The James Martin Associates/The Martin Family Award	2015
BYU Honors Program Robert K. Thomas Thesis Award	2014 - 2015
BYU Honors Program Research Grant	2014

SOFTWARE AND PROGRAMMING LANGUAGE PROFICIENCY

R (Intermediate), LaTeX (Intermediate), Python (Intermediate), Bash (Intermediate), MATLAB (Basic)
ArcGIS (Basic)