

Eric Newberry
North Florida Research and Education Center, University of Florida
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Education

Ph.D., Plant Pathology, Jan 2014 - April 2017, University of Florida, Gainesville, FL

B. A., Florida State University, Tallahassee, FL, 2011

Work experience

North Florida Research and Education Center	Research Assistant/Graduate Student
Department of Plant Pathology	January 2014 to April 2017
155 Research Road, Quincy, FL, 32351	40 plus hours/week
Supervisor: Dr. Mathews Paret	

Syngenta Seeds B.V.	Research Intern
Quality and Analytical Development, Seed Health	September 2016 to November 2016
62, Westeinde, Enkhuizen, Netherlands, 1601	40 hours/week
Supervisor: Dr. Bert Woudt	

North Florida Research and Education Center	Research Intern
Department of Plant Pathology	April 2013 to December 2013
155 Research Road, Quincy, FL, 32351	35 hours/week
Supervisor: Dr. Jim Marois	

Peer-reviewed Journal Publications

1. **Newberry, E. A.**, Jardini, T. M., Rubio, I., Roberts, P. D., Babu, B., Koike, S. T., Bouzar, H., Goss, E. M., Jones, J. B., Bull, C. T. and Paret, M. L. 2016. Angular Leaf Spot of Cucurbits is Associated With Genetically Diverse *Pseudomonas syringae* Strains. *Plant Disease*. 100:1397-1404.
2. **Newberry, E. A.**, Jones, J. B., Paret, M. L. and Bost, S. 2016. First Report of Leaf Spot of Pumpkin Caused by *Pseudomonas cichorii* in Tennessee. *Plant Disease*. 100:2159-2159.
3. Babu, B., Kefialew, Y. W., Li, P. F., Yang, X. P., George, S., **Newberry, E.**, and Paret, M. L. 2015. Genetic Characterization of *Didymella bryoniae* Isolates Infecting Watermelon and Other Cucurbits in Florida and Georgia. *Plant Disease*. 99:1488-1499.
4. Babu, B., Dankers, H., **Newberry, E.**, Baker, C., Schubert, T., Knox, G., and Paret, M. 2014. First Report of *Rose rosette* virus Associated with Rose Rosette Disease Infecting Knockout Roses in Florida. *Plant Disease*. 98:1449-1449.

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5. Babu, B., **Newberry, E.**, Dankers, H., Ritchie, L., Aldrich, J., Knox, G., and Paret, M. 2014. First Report of *Xanthomonas axonopodis* Causing Bacterial Leaf Spot on Crape Myrtle. Plant Disease. 98;841-841.

Peer-reviewed Journal Publications (In Review)

1. **Newberry, E. A.**, Ritchie L., Babu, B., Sanchez, T., Beckham, K., Jones, J. B., Freeman, J.H., Dufault, N. S., and Paret M. L. Epidemiology and disease management of bacterial leaf spot on watermelon caused by *Pseudomonas syringae*. Plant Disease.

Research Publications (Currently being prepared)

1. **Newberry, E. A.**, Ebrahim, M., Timilisina, S., Minsavage, G., Babu, B., Bull, C. T., Jones, J. B., and Paret, M. L. Bacterial leaf spot of watermelon; comparative genomic insights into a disease outbreak. Applied environmental microbiology.
2. Ebrahim, M., **Newberry, E. A.** Timilisina, S., Minsavage, G., Babu, B., Bull, C. T., Jones, J. B., and Paret, M. L. Comparative genomic analysis of *Pseudomonas syringae* associated with cucurbits from three distinct phylogenetic clades. Applied environmental microbiology.

Grant proposals authored

1. **Newberry, E. A.**, Dutta, B., Walcott, R., Jones J, B., and Paret M. L. 2016. “Developing an integrated approach for reducing the impact of bacterial diseases of watermelon in transplant production systems.” USDA Applied Research and Development Competitive Grants Program; Crop Protection and Pest Management. Date submitted: June 2016, Total funds requested: \$324,356.37

Research presentations

1. **Newberry, E. A.**, Ritchie, L., Babu, B., Sanchez, T., Beckham, K., Jones, J. B., Freeman, J., Dufault, N., and Paret, M., L. “Epidemiology and management of bacterial leaf spot caused by novel *Pseudomonas syringae* strains on watermelon in Florida.” APS National Meeting, Tampa, FL, August, 2016
2. **Newberry, E. A.**, Paret, M. L., Bull, C. T., Jones, J. B., Babu, B., Goss, E. M., Rubio, I., Jardini, T., and Roberts, P. “Diverse *Pseudomonas syringae* strains associated with foliar diseases of watermelon, cantaloupe, and squash. APS National Meeting, Pasadena, CA, August, 2015. Phytopathology 105(Suppl. 4):S4.101
3. **Newberry, E. A.**, Paret, M. L., Jones, J. B., Ritchie, L., Freeman, J. H., Dufault, N. S., Babu, B., Goss, E. M., Vallad, G. E., Roberts, P. D. and Hochmuth, B. “Characterization of *Pseudomonas syringae* associated with watermelon and squash disease outbreaks in Florida and Georgia.” APS Southern Division Meeting, Atlanta, GA, February, 2015. Phytopathology 105(Suppl. 2):S2.8

Extension presentations

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1. “Newly emerging pathogen on watermelon and other cucurbits belonging to *Pseudomonas syringae* group in the U.S”, 31st Annual UF/IFAS Florida Seed Association, Immokalee, FL, June, 2015
2. “Diverse *Pseudomonas syringae* associated with foliar diseases of watermelon, cantaloupe, and squash”, 14th Biennial meeting of the Florida Phytopathological Society. Gainesville, FL, May, 2015
3. “Characterization and IPM of *Pseudomonas syringae* associated with recent watermelon and squash disease outbreaks in Florida and Georgia”. University of Florida Department of Plant Pathology seminar series. Gainesville, FL, December, 2014

Invited presentations

1. “Comparative genomics informed detection of *Pseudomonas syringae* strains which pose a risk to squash and other cucurbit production”, Enza Zaden, Enkhuizen, Netherlands, November, 2016.

Awards

- First place in the graduate student research competition at the 14th biennial meeting of the Florida Phytopathological Society, Gainesville, FL, May, 2015

Professional service

- Treasurer, Plant Pathology Graduate Student Organization, 2014 to 2016
- Graduate Student Mentor, Department of Plant Pathology, 2015
- Trainer, Year of Plant Pathogens Program for High School and Middle School Teachers, NFREC, Department of Plant Pathology, University of Florida, 2016
- Bacteriology committee member, American Phytopathological Society, 2015 to 2016