Yuan Zeng

Postdoctoral Researcher

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Education and Training

Colorado State University	Plant Pathology	2017-present
Auburn University	Entomology/Microbiology	PhD in 2017
Auburn University	Probability and Statistics	M.S. in 2017
Auburn University	Forest Health	M.S. in 2012
Beijing Forestry University	Forest Resources Conservation and Recreation	B.S. in 2008
Beijing Forestry University	Computer Science	B.S. minor in 2007

Professional Appointments

August 2017-Present	**Postdoctoral researcher**, Dept. of Bioagricultural Sciences and Pest Management, Colorado State University
May 2017-August 2017	**Entomologist/Biologist II**, Infectious Diseases & Outbreaks Division, Alabama Department of Public Health
May 2012-May 2017	**Graduate Research Assistant**, Dept. of Entomology and Plant Pathology, Auburn University (AU)
August 2009-May 2012	**Graduate Research Assistant**, School of Forestry and Wildlife Sciences, AU
August 2006-August 2008	**Undergraduate Research Assistant**, College of Forestry, Beijing Forestry University, China

Peer-Reviewed Journal Publications since 2016

1. **Zeng, Y.,** Cordova, A.M., Charkowski, A.O., and Fulladolsa, A.C. Evaluation of chemical soil treatment on the incidence of powdery scab and *Potato mop-top virus* in potato. ***(in preparation, submit in August)***
2. **Zeng, Y.,** Abdo, Z., Charkowski, A.O., Stewart, J.E., Frost, K. **2019.** Responses of bacterial and fungal community structure to different rates of 1,3-dichloropropene fumigation. ***Phytobiomes Journal.*** https://doi.org/10.1094/PBIOMES-11-18-0055-R.
3. **Zeng, Y**., Fulladolsa, A.C., Houser, A., and Charkowski, A.O. **2019.** Colorado seed potato certification data analysis shows mosaic and blackleg are major diseases of seed potato and identifies tolerant potato varieties. ***Plant Disease***. 103(2), 192-199.
4. **Zeng, Y.,** Hu, X.P., Cao, G.Q., and Suh, S. **2018.** Hemolymph protein profiles of subterranean termite *Reticulitermes flavipes* challenged with methicillin resistant *Staphylococcus aureus* or *Pseudomonas aeruginosa*. ***Scientific Reports***. 8(1), 13251.
5. **Zeng, Y.,** Hu, X.P., and Suh, S. **2016.** Characterization of antibacterial activities of eastern subterranean termite, *Reticulitermes flavipes*, against human pathogens. ***PloS one***. 11(9), e0162249.