



DR. CAROLEE BULL

Finding a Needle in a Haystack: Phytobacterial Identification and Detection in a Phytobiomes Context

Identification of bacterial plant pathogens is difficult within the changing landscape of bacterial taxonomy. Likewise, detection of these pathogens in the context of a phytobiome which may contain related non-pathogens complicates disease management based on exclusion. We are using a variety of old and new strategies to overcome these hurdles for management of bacterial diseases of plants.

Fall 2022 PSLA

LECTURE

SERIES

November 17, 2022

**PLSC Building: RM
1130**

Time:

3:30PM

[UMD Zoom](#)

**Graduate student
lunch w/ speakers**

12PM

PLSC RM 2107/2109

Dr. Carolee T. Bull is Professor and Head of the Department of Plant Pathology and Environmental Microbiology at Penn State and was the Inaugural Director of the Penn State Microbiome Center (2016-2022). Bull's research focuses on translational taxonomy to manage bacterial diseases of plants and mushrooms. Bull served as the convener of the Committee on the Taxonomy of Plant Pathogenic Bacteria for the International Society of Plant Pathology until 2021 and serves on the Judicial Committee of the International Committee on the Systematics of Prokaryotes. Bull received the highest award for service to the US in Agriculture for her mentorship of underrepresented students in agricultural science and is a Fellow of the American Phytopathological Society.



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