



## **DR. HONG LUO**

### **Towards robust crops under environmental adversities**

Biotic and abiotic stresses are among the most important factors significantly impacting crop growth and agriculture production. Biotechnology breaks the species barrier, providing opportunities for developing new cultivars with genetically improved traits. This seminar will share research in Luo's lab in genetically engineering perennial grasses for enhanced performance under environmental adversities.

**Fall 2024 PSLA**

**LECTURE**

**SERIES**

**November 18, 2024**

**PLS Building RM  
2107/2109**

**Time:**

**12PM**

[UMD Zoom](#) (passcode: 326994)

**Graduate student lunch  
w/ speaker**

**1PM**

**PLS 2107/2109**

Dr. Hong Luo is a professor in the Department of Genetics and Biochemistry at Clemson University. His research focuses on understanding molecular mechanisms underlying genetic and epigenetic control of plant responses to environmental adversities and developing biotechnology approach for trait modifications in economically and environmentally important perennials and row crops.



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