



PRESIDENTIAL DREAM COURSE LECTURE

HON 2973 Perspective on Food and Culture in the US

The Plant Immune Response:

The microbial peptide RaxX activates rice XA21-mediated immunity and root growth



Pamela Ronald, Ph.D.

February 11, 2019, 4:30 p.m.

George Lynn Cross Hall 123

**Professor Ronald's lecture will be free and open to the public.
Light refreshments will be served.**

Pamela C. Ronald (Ph.D. in molecular and physiological plant biology from the University of California at Berkeley) is Distinguished Professor in the Department of Plant Pathology and the Genome Center at the University of California-Davis and the Director of Grass Genetics at the Joint Bioenergy Institute in Emeryville, California. Her research focuses on the genetics of rice plants: specifically, the genes in rice that enable strains to resist disease and to tolerate stress. With research collaborators, she has developed genetically engineered rice plants that can survive in areas prone to flooding, especially in African and Asian regions. Her 2015 TED Talk, "The Case for Engineering Our Food," has been viewed over 1 million times.

For more information please contact Prof. Julia Ehrhardt at juliae@ou.edu. For accommodations on the basis of disability, please contact Laura Bartley at lbartley@ou.edu. The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo