



THE DEPARTMENT OF BIOLOGICAL SCIENCES
Fall 2022 Seminar Series at Mount Holyoke College

CHRISTIANNA SMITH LECTURE

**Pamela Ronald, Ph.D.
Professor**

**Department of Plant Pathology
and the Genome Center
University of California, Davis**

**Breeding Crops for Resilience
to a Changing Climate**



The rapid advance of genetic technologies has provided new tools to generate crops that are resilient to climate change, resistant to infection and that can better sequester carbon. Professor Pamela Ronald will discuss the development of climate-resilient rice varieties, the genetic basis for plant resistance and CRISPR-mediated strategies to enhance carbon sequestration of rice.

**Thursday, October 13, 2022
Mount Holyoke College - Hooker Auditorium
4:45 p.m. – 5:45 p.m.**

Refreshments served at 4:30 p.m.