



NC STATE UNIVERSITY

Agricultural Biotechnology In Our Evolving Food Energy, and Water Systems

About

AgBioFEWS is a National Science Foundation funded graduate research training program offering PhD candidates across multidisciplinary fields of study the opportunity to examine the science, policy, and public engagement aspects and impacts of **Agricultural Biotechnology on Food, Energy, and Water.**

Wicked Problems

Agriculture constitutes the largest use of land and water on the planet and as currently practiced could threaten the sustainability of FEWS systems.

While biotechnologies are often portrayed to the public as either solving or causing these challenges, the implications of these technologies are complex, requiring a convergence of scientific fields to understand them.

An Integrated Approach

AgBioFEWS students work together from differing perspectives to examine current and potential future biotechnology products and their development pathways to assess if and how they can be used to improve FEWS for societal benefit.

Launching 2019, Apply Now

Overview

Built on a foundation of interdisciplinarity, our program bridges insights from the natural sciences, social sciences, and humanities. PhD candidates accepted as AgBioFEWS Cohort Fellows:

- Receive \$34,000 per year in fellowship funding
- Take four core courses, earning a graduate minor
- Collaborate on an interdisciplinary cohort project
- Incorporate AgBioFEWS into their PhD thesis

