

**Climate change. Food security.  
Community vitality. Biodiversity.  
The ideas that keep us up at night are  
why we get out of bed in the morning.**

The College of Agriculture and Life Sciences is a pioneer of purpose-driven science and Cornell University's second largest college. We work across disciplines to tackle the challenges of our time through world-renowned research, education and outreach. The questions we probe and the answers we seek focus on three overlapping concerns: natural and human systems; food, energy and environmental resources; and social, physical and economic well-being.

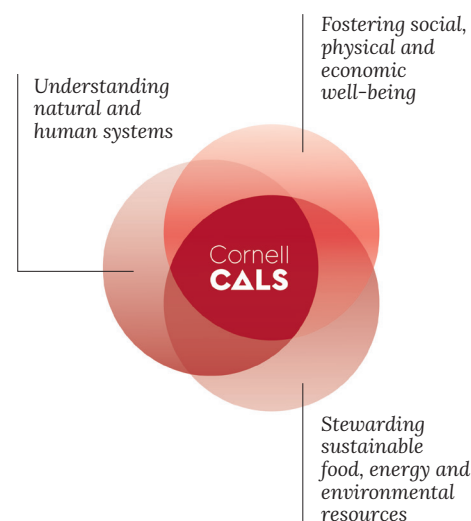
Since our founding, we have evolved continuously to meet the changing needs of our world. Our top-ranked programs include over 20 majors in community and rural development, environment and natural resources, food and nutrition, communication, applied economics, agriculture, international programs and life sciences.

The excellence of our science is matched by the generosity of our spirit. We aim to leave the world better than we found it, so we seek out those not simply driven to master their discipline, but who are also passionate about doing so to serve the public good. CALS is fundamentally invested in improving the lives of people, their environments and their communities both in New York state and around the world.

The Cornell CALS experience empowers us to explore the boundaries of knowledge, supported by the leading minds of today and surrounded by the leading minds of tomorrow.



We accelerate purpose-driven science by supporting inquiry that crosses disciplinary boundaries and stretches from discovery to invention. The world is complex and intertwined. Bringing global challenges into focus takes more than one lens. That's why we focus on three overlapping spheres of inquiry:



## CORNELL CALS BY THE NUMBERS | FALL 2017

### OVERVIEW

**5**  
Nobel Prize Laureates

**\$185.9M+**  
Total research expenditures (FY16)

**15**  
Academic departments

**2**  
Schools

### PEOPLE

**3646**  
Undergraduates

**787**  
Graduates

**358**  
Faculty

**295**  
Non-professional academics

**167**  
Post-doctoral academics

**1354**  
Staff

### PROGRAMS

**23** Majors and **32** Minors

Across the life, agricultural, environmental and social sciences

# Change In Action: Our Global Impact

A critical piece of our commitment to purpose-driven science is putting our knowledge and research to work to make a positive impact. Students and faculty go beyond the boundaries of campus, partnering with communities to explore ideas and solve difficult, complex problems. Cornell CALS is home to several world-class outreach and extension programs that directly serve the public, sharing knowledge and research throughout our state, nation and in almost every country in the world. Below are a few examples of our current projects.

## FIELD STATION FOOTPRINT

**2**

Agricultural research stations (NYSAES & CUAES)

**5,022**

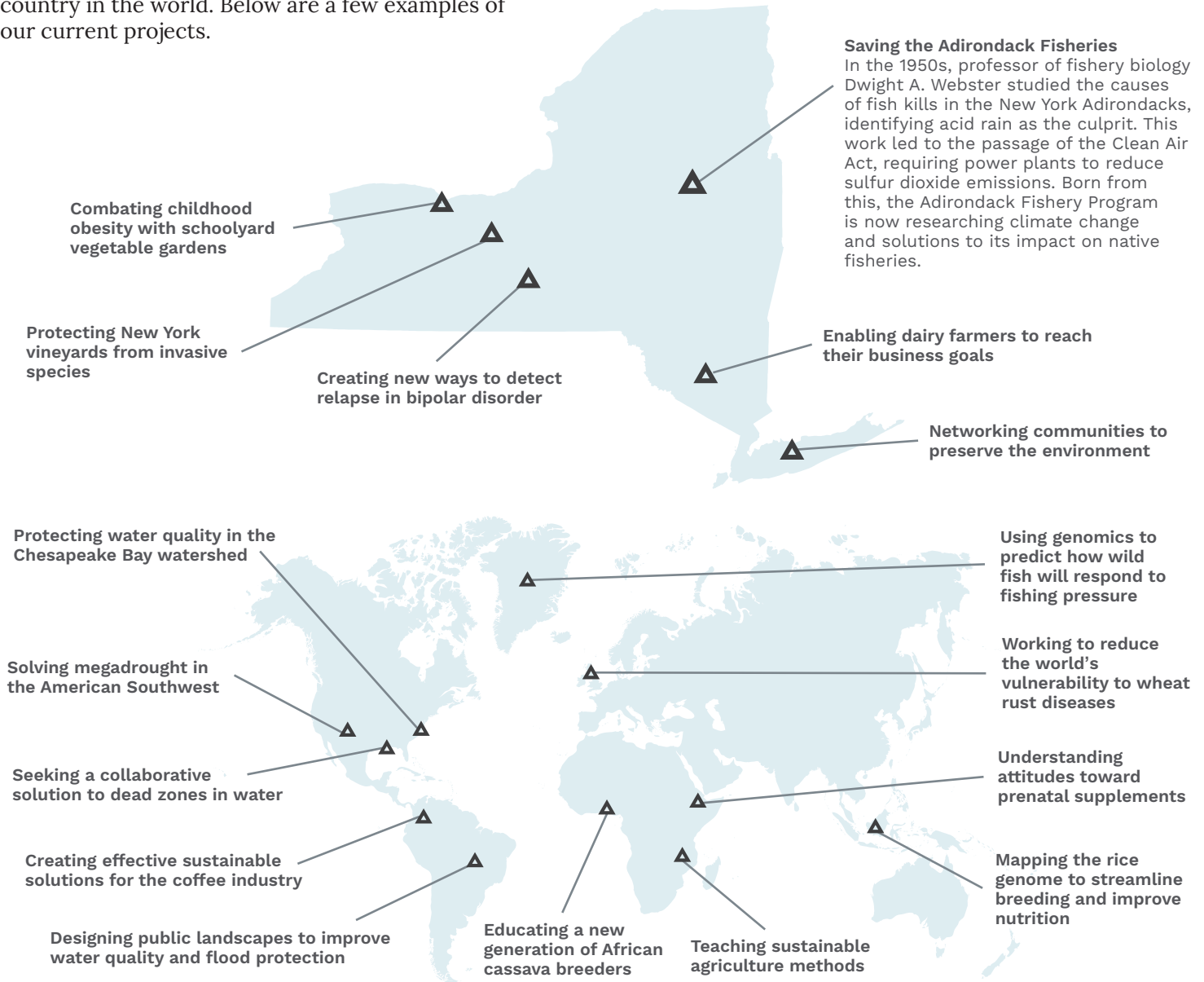
Acres where CALS conducts research on the main Cornell campus

**12,389**

Acres stewarded at

**20**

remote field stations throughout New York state



**Saving the Adirondack Fisheries**  
In the 1950s, professor of fishery biology Dwight A. Webster studied the causes of fish kills in the New York Adirondacks, identifying acid rain as the culprit. This work led to the passage of the Clean Air Act, requiring power plants to reduce sulfur dioxide emissions. Born from this, the Adirondack Fishery Program is now researching climate change and solutions to its impact on native fisheries.

## MAJORS

- Agricultural Sciences
- Animal Science
- Applied Economics and Management
- Atmospheric Science
- Biological Engineering
- Biological Sciences
- Biology and Society
- Biometry and Statistics
- Communication
- Development Sociology
- Entomology
- Environmental Engineering
- Environmental & Sustainability Sciences
- Food Science
- Global and Public Health Sciences
- Interdisciplinary Studies (Current Students Only)
- Information Science
- International Agriculture & Rural Development
- Landscape Architecture
- Nutritional Sciences
- Plant Sciences
- Science of Earth Systems
- Viticulture and Enology

Diversity and inclusion are a part of Cornell University's heritage.

We are a recognized employer and educator valuing AA/EEO, protected veterans and individuals with disabilities.