



## CALS PRO-DAIRY Dairy Environmental Systems (DES) Engineering Internship

Cornell CALS PRO-DAIRY is offering an in-person paid internship, with preference given to undergraduate juniors and seniors enrolled in a NYS college or university, or a resident of NY, and majoring in agricultural disciplines. Sophomores may apply. Interns will work an estimated eight hours per day, five days a week, for eight to ten weeks. Location is Cornell University campus with travel to dairy farms across New York state as needed during term of internship. Unless told otherwise, interns should expect to provide their own transportation to campus and housing.

**Interns will gain applied experience working with an engineer and contributing to environmental stewardship of dairy farms in New York while learning about the process, skills, and knowledge needed in the field of agricultural engineering.**

**Students will support the work of the PRO-DAIRY Dairy Environmental Systems agricultural and energy engineers and have unique assignments that support larger projects and provide day-to-day engineering working experience.**

Activities may include but are not limited to on-farm data collection and data analysis of waste management and treatment systems; air emissions modeling; strategic farmstead planning; drafting technical reports; participating in Professional Engineering training. Interns will work with agricultural producers and interface with the producer's agricultural engineer as needed to implement their assignments.

Interns should be prepared to work outside regardless of weather conditions and work as part of a team. Good communication skills and professionalism are required. Substantial experience with Microsoft Excel is preferred.

### BASIC QUALIFICATIONS AND PREFERRED EXPERIENCE

- Interns should be prepared to work outside regardless of weather conditions and work as part of a team
- Good communication skills and attention to detail are a must
- Familiarity with agricultural environmental practices and computer skills are beneficial
- Some experience with autoCAD or Civil 3D a plus

### INTERNS MAY ASSIST WITH

- On-farm data collection
- Data analysis of waste management and treatment systems
- Air emissions modeling
- Farmstead layout, design, and environmental planning
- Drafting technical reports

### FOR MORE INFORMATION

Jason Oliver  
(607)793-8454  
[jpo53@cornell.edu](mailto:jpo53@cornell.edu)

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[prodairy.cals.cornell.edu](http://prodairy.cals.cornell.edu)

