



## **CALS PRO-DAIRY Agricultural Engineering Internship**

*Cornell CALS PRO-DAIRY is offering an in-person paid internship, with preference given to undergraduate sophomores, juniors and seniors enrolled in a NYS college or university, or a resident of NY, and majoring in agricultural disciplines. Interns will work an estimated eight hours per day, five days a week, for eight to ten weeks. Locations may be in various regions across New York, depending on the host organization.*

*Unless told otherwise, interns should expect to provide their own transportation and housing.*

**Interns will broaden their perspectives and understanding of the agricultural engineering role on farms in the state of New York.**

**Students will assist an engineer with projects in all stages of development and implementation, including construction inspections and as built surveys. With projects under development, they may gain experience in survey and data collection, CAD drawing, and drafting reports.**

Licensed engineers work with farms to design structural improvements which must meet specific standards. Their work focuses on soil erosion control, waste management, and runoff management, to improve water quality around the farmstead. Additionally, engineers may also work with farms to design housing, milking facilities, youngstock housing and other necessary facilities for livestock on the farm.

Interns will work closely with agricultural producers, farmstead planners, and engineering professionals to implement projects. Interns should be organized, willing to learn, and motivated to work together with all vested parties to accomplish the tasks undertaken.

### **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
- Preference given to undergraduate juniors and seniors; Sophomores may apply

### **INTERNS MAY ASSIST WITH**

- Design work using AutoCAD (depending on proficiency)
- Construction inspections
- Farmstead and topographic surveys
- Soil investigations
- On site meetings

### **FOR MORE INFORMATION**

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