

# Summer 2024 Internship Opportunity



**Where: Ithaca, New York**

**Commitment time frame: ~ May 2024 - August 2024**

## **Join the McFadden Lab summer internship opportunity at Cornell University!**

*Interest in sustainability and dairy cattle research? The McFadden Lab is actively seeking dedicated individuals to be a part of an exciting project aligned with the goals of the California Department of Food and Agriculture's Livestock Enteric Methane Emission Reduction – Research Program (LEMER-RP)*

### **What to Expect:**

- Gain hands-on experience in investigating livestock methane emissions.
- Engage directly in tasks involving bovine livestock.
- Contribute to research at Cornell University Ruminant Center in Harford, NY
- Explore in vivo studies focusing on dairy cattle nutrition.
- Align with established practices in the California dairy industry.

**Study Objectives:** This study aims to examine the impact of various dietary fats on nutrition and methane emissions at Cornell University Ruminant Center (CURC). Employing a carefully crafted design, the research aims to investigate the consequences of substituting elements of the bovine diet with multiple fats for optimal animal performance and the importance of highlighting environmental sustainability. The main objective is to monitor changes in the cow's dietary patterns, and methane emissions resulting from these dietary interventions. This study will last 4 treatment periods during the summer months of 2024. We aim to contribute to the knowledge base informing sustainable practices in the dairy industry.

Engage comprehensively in all facets of research, encompassing sample collection, analysis, and laboratory procedures. While experience in dairy cattle is preferred, training will be provided upon arrival.



**QR code to apply:**



**Cornell University**