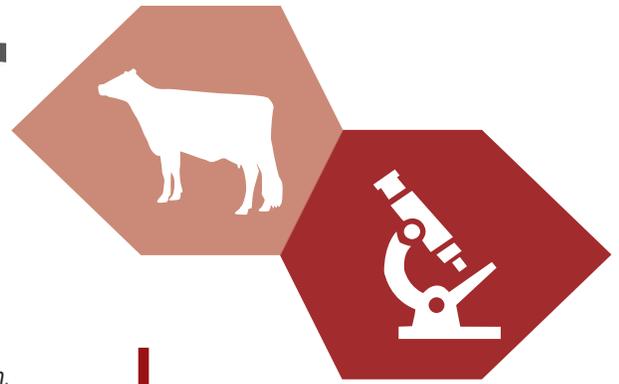# CentralStar

Internship Opportunities
Summer 2022
www.mycentralstar.com | 800.631.3510

DHI Laboratory Interns   -- 1 in Kaukauna, Wis.   -- 1 in Grand Ledge, Mich.

As a Laboratory Intern, you become part of a dynamic team that analyzes samples and reports component and diagnostic results from dairy and beef producers throughout Wisconsin, Michigan, and Indiana. Samples are received from Dairy Herd Information (DHI), producers and veterinarians, and provide a wealth of information about animal health, production and physiologic status. This internship provides an opportunity to experience a variety of sample-analysis platforms and sample-processing methodology. Whether using infrared spectroscopy, ELISA, PCR or other means, you'll discover data is king, and that this laboratory is the source of a lot of valuable information for producers.

Training and experience will be provided on:
-- Numerous common laboratory procedures and equipment;
-- Use of high-throughput infrared spectrophotometers;
-- Diagnostic analysis via Enzyme Linked ImmunoSorbent Assay (ELISA) and Polymerase Chain Reaction (PCR);
-- Data management and laboratory software; and
-- Quality assurance practices and standard operating procedures.

Ideal candidates for this internship should have a strong interest in agriculture as well as:
-- Outstanding attention to detail;   -- Motivation to follow through;   -- Excellent communication skills;
-- Strong work ethic and the ability to function as part of a cohesive team;
-- Knowledge of common laboratory practices is preferred, but not mandatory; and
-- Dairy awareness or experience is a bonus.

Deadline to apply: Oct. 31, 2021. Apply at www.mycentralstar.com/internship-opportunities.

Research and Development Intern *Lansing, Mich.*

CentralStar leverages cutting-edge science to develop and commercialize new management tools for dairy and beef producers. Key among these have been diagnostics for a variety of dairy-industry diseases and physiologic status markers including mastitis and pregnancy. You'll join the team as a laboratory intern helping to discover and validate new diagnostic tests utilizing some of the latest molecular and immunological techniques and technologies. The Dairy Herd Information (DHI) system has been in place for over 100 years, but now even more value can be drawn from routinely collected samples to improve animal health and herd management. You'll have a chance to collaborate with researchers, veterinarians and producers as samples are collected and studies are carried out.

Training and experience will be provided on:
-- Numerous common laboratory procedures and equipment;
-- Molecular genetic techniques, sequence interrogation and assay design;
-- Immunological techniques and Enzyme Linked ImmunoSorbent Assay (ELISA) design;
-- Sample collection methodologies, including venipuncture;
-- Laboratory software and data-management techniques; and
-- Data analysis and presentation.

Ideal candidates for this internship should have a strong interest in agriculture:
-- Outstanding attention to detail;   -- Motivation to follow through;   -- Excellent communication skills;
-- Strong work ethic and the ability to work independently and function as part of a cohesive team;
-- Knowledge of common laboratory practices is strongly suggested; and
-- Understanding of dairy- or beef-cattle production is a bonus.

Deadline to apply: Oct. 31, 2021. Apply at www.mycentralstar.com/internship-opportunities.

Artificial Insemination (A.I.) Specialist Interns

-- *5 in Wisconsin*   -- *1 in Michigan*
(location within each state is flexible)

As an A.I. Specialist Intern, you'll experience a rewarding summer of helping dairy and beef customers excel in herd reproduction and productivity. Genetics and reproduction are key performance indicators on farms; so, your expertise in this area is valuable to our producers. You'll have the opportunity to work with a team of agricultural professionals, including other A.I. Specialists, DHI Specialists, Genetic Consultants, Reproductive Specialists, Area Sales Managers, and/or Team Leaders.

Day-to-day responsibilities:
• Work hands-on with cattle at various types of dairy and beef farms;
• Responsible for proper heat-detection and A.I. services;
• Grow knowledge of reproductive physiology and synchronization protocols;
• Learn and help with record analysis and reproductive consulting;
• Incorporate use of electronic heat- and health-monitoring systems;
• Carry out activities independently or with a small team; and
• Upload appropriate electronic paperwork and documentation daily.

Preferred qualifications:
• Strong agricultural background with a dairy and/or beef focus;
• Excellent communication skills;
• Outstanding people skills, with service-orientated attitude;
• Exceptional work ethic, with ability to work on your own and with a team;
• Valid driver's license; and
• Willing to travel, daily, to customers within a certain distance from your home.
• A.I. experience and knowledge of on-farm software is preferred, but not required.

Deadline to apply: Oct. 31, 2021. Apply at www.mycentralstar.com/internship-opportunities.