TENURE-TRACK ASSISTANT PROFESSOR
PRECISION MANAGEMENT & DATA ANALYTICS

For more than a century, scientists in the College of Agricultural and Life Sciences (CALS) at UW-Madison have made groundbreaking discoveries that are fundamental to our understanding of dairy cow biology and transformational to the care, feeding, and management of dairy cattle around the world. From the discovery of vitamin D, to development of surgical and non-surgical embryo transfer procedures, to identification of factors that contribute to fatty liver disease, to introduction of timed artificial insemination programs, UW-Madison faculty have had an integral role in pioneering scientific discoveries, providing innovative strategies and biotechnologies to dairy farmers, and educating dairy industry leaders. Now there is an opportunity to connect many of these breakthroughs by precision management and data analytics. Is your discovery next?

The UW-Madison Department of Dairy Science is seeking a nine-month (academic year) tenure-track assistant professor with a passion for teaching and a vision for leading an independent, externally funded, and internationally recognized research program that focuses on applications of data science in dairy farm management, such as opportunities associated with robotic milking systems, imaging technologies, inline milk analyzers, wearable sensors, and other emerging technologies, as well as development of decision support tools and analytics to improve animal health, performance, and welfare. This appointment has a 60% research and 40% teaching commitment; a PhD is required, and post-doctoral experience is preferred. The new faculty member will join an outstanding research, teaching, and extension team in the Department of Dairy Science and complement our basic and applied research and outreach efforts in nutrition, genetics, physiology, management, and animal health & welfare. This individual will be a fundamental member of our instructional team by teaching or contributing to core courses in dairy farm management and applications of data science to animal agriculture at the undergraduate and graduate levels, facilitating out-of-classroom learning experiences, and participating in departmental service and outreach activities. The successful candidate will collaborate with leading data scientists in Dairy Science, Animal Sciences, and other CALS departments, as well as new faculty members in Agricultural & Applied Economics, Biological Systems Engineering, Entomology, and Life Sciences Communications as part of the college’s data science initiative.

UW-Madison is one of the world’s top research universities, and its picturesque 936-acre campus on the shores of Lake Mendota is home to 30,000 undergraduate students and 14,000 graduate and professional students. UW-Madison has 442,000 living alumni and is a top ten producer of Fortune 500 CEOs – to date its faculty and alumni have been awarded 20 Nobel Prizes and 38 Pulitzer Prizes. The successful candidate will be a key contributor to Wisconsin’s $43 billion dairy industry, which features 1.28 million cows on 9,500 farms that produce 30.1 billion pounds of milk per year. The new faculty member will have numerous opportunities to secure research funding from federal programs and industry partners, as well as access to an experimental herd of 1,400 cows, heifers, and calves at our state-of-the-art campus, Arlington, and Marshfield facilities. For more information, please contact the search committee chair, Dr. Victor Cabrera (vcabrera@wisc.edu), or our department chair, Dr. Kent Weigel (kweigel@wisc.edu) regarding PVL #96065. Review of applications will begin on November 15 and continue until an exceptional candidate is identified. Application instructions are available here: http://jobs.hr.wisc.edu/cw/en-us/job/499307.