

PRESS RELEASE



LWR AWARDED STUDENT TRAINING GRANT BASED ON POSITIVE ENVIRONMENTAL IMPACT OF INNOVATIVE MANURE TREATMENT SYSTEM

FOR IMMEDIATE RELEASE

CALGARY, AB – (Aug 17, 2016) As a direct result of the positive environmental impact that the LWR manure treatment system is having on the livestock industry, Livestock Water Recycling is excited to announce the award of a Natural Sciences and Engineering Research Council of Canada (NSERC) student training grant involving the University of Calgary. Maya Schuller and Pankti Shah have joined the LWR product development team where they will continue their work through until September, when they return to school for fall semester.

LWR General Manager J.R. Brooks says this isn't the first time they have opened their doors to young visionaries. "We are committed to providing our customers with fast and effective product development" he says, "and working with these young innovators offers our team a fresh, new perspective on manure treatment. These students are excited to be working on cutting edge technology, and we are confident that they will help us continue to enhance livestock farming by offering

progressively smarter manure treatment technology that will lead to even greater environmental impact."

He continues "We are proud that the work we are doing is having a positive impact on the communities where our clients farm. That work has led to this Experience Award that has brought these bright young women to our Innovation Center"



Pankti Shah (left) and Maya Schuller (right), at the LWR Innovation Center

The Industrial Undergraduate Student Research Award is designed to stimulate student interest in research in natural sciences and engineering. It is also meant to encourage students to undertake graduate studies and to pursue a research career in specific fields.

Both are enjoying the challenge of manure treatment and anticipate that what they are learning this summer will help them further both their education and their future careers in engineering.

“Working on various R&D projects at LWR has given me an insight into the current challenges that are faced by the agriculture and the wastewater industries, and has helped me understand where the future is headed. The best part about this role has been working on these challenging tasks in a very supportive environment. This experience has been an enriching opportunity and overall a great experience” says Shah.

Schuller adds “I was particularly excited to work at LWR this summer. I am passionate about the environment and interested in recycling waste water from manure applications. Working as part of LWR’s product development team has been a great opportunity for me to explore engineering problems from the perspective of a forward-thinking innovation company. I am particularly excited to have developed essential workplace skills as I continue towards becoming a professional engineer.”

The LWR manure treatment system is already the *smartest* manure treatment technology on the market as the only proven technology that concentrates and segregates nutrients while recycling clean water back from manure. While it already comes equipped with the latest information and controls system design, a smart operating system known as JENKINS, the LWR innovation team continues to be at the forefront of manure treatment technology.

As for the students, they are working together to explore other real solutions that will further develop how manure will be managed in the future. “The technologies that these students are working on this summer are expected to significantly reduce the person hours associated with operating the LWR system” says Brooks. “We are committed to making manure treatment more efficient and accessible to livestock operations, and the work that they are doing will offer real savings to our clients.”

About NSERC: NSERC aims to make Canada a country of discoverers and innovators for the benefit of all Canadians. The agency supports university students in their advanced studies, promotes and supports discovery research, and fosters innovation by encouraging Canadian companies to participate and invest in postsecondary research projects. NSERC researchers are on the vanguard of science, building on Canada’s long tradition of scientific excellence. For more information visit: www.nserc-crsng.gc.ca

About Livestock Water Recycling, Inc. – LWR is a first-class global manufacturer of manure treatment systems that provide hog, dairy and anaerobic digester operations with patented manure treatment technology to recycle clean water and fertilizer nutrients from livestock manure for reuse at the farm. The LWR system saves farmers time and money by providing them with a cost-effective solution to manage manure in a sustainable manner. LWR has systems operating throughout Canada and the US. For further information, visit: www.livestockwaterrecycling.com.

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