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ITC wins national award for greenhouse gas control research

The U of R's International Test Centre for Carbon Dioxide Capture (ITC) receives a 2006 Natural Sciences and Engineering Research Council Synergy Award for research that is helping make Canada a world leader in greenhouse gas reduction technology.

Canada Games effort nets international award for U of R

The University is the first Canadian institution to win the Outstanding Institutional Achievement Award from the Association of Collegiate Conference and Events Directors – International. The U of R received the award for its role as a partner in staging the 2005 Canada Games.

Eighth national research chair named at U of R

Engineering professor Christine Chan is named the University's eighth Canada Research Chair. Her research is helping improve the productivity of energy processes and management of environmental pollution caused by the production and use of energy.

Haverstock, Bayda, Sawa and MacKinnon receive honorary degrees

Saskatchewan's lieutenant-governor, the province's chief justice, and a popular maestro receive honorary doctoral degrees at the spring convocation and the University of Saskatchewan president receives an honorary degree at the fall convocation.

Director Oliver Stone leads U of R speaker series

Academy Award-winning director and filmmaker Oliver Stone speaks at the U of R, kicking off the new Rethinking Productivity Speaker Series.

New health studies degree unique in Western Canada

The new interdisciplinary bachelor of health studies degree at the University is the only undergraduate health studies degree in Western Canada.

U of R invests almost \$150,000 in new undergraduate scholarships

Recipients of the new scholarships include international students, single parents, home-based learners and students with developmental disabilities.

Community supports Mike Badham Scholarship Fund

The family of Mike Badham thanks the community for its support of the Mike Badham Scholarship Fund at the University, which will provide scholarships to students in the Faculty of Education.

U of R grads receive prestigious awards

This year's recipients of the Alumni Crowning Achievement Awards: Elaine McNeil, Lifetime Achievement Award; Daphne Bramham, Distinguished Alumni Award for Professional Achievement; Richard Turchenek, Distinguished Alumni Award for Humanitarian and Community Service; Stuart Quinn and David Quinn, Dr. Robert and Norma Ferguson Award for Outstanding Service; and Erin Weir, Outstanding Young Alumni Award.

Award-winning screenwriter, director named playwright in residence

Colleen Murphy is the U of R's first playwright in residence. During her term, she will consult one-on-one, helping develop student writers and other writers in the community, and will also offer readings, screenings and workshops.

Shumiatcher donates \$225,000 to support English graduate students

Jacqui Shumiatcher, honorary degree recipient from the University of Regina, donates \$225,000 to establish the Dr. Morris C. Shumiatcher Graduate Fellowship in English at the U of R.

Happy Holidays!

From all of us at the University of Regina, we wish our readers a happy holiday season and all the best in the New Year.

Grad gift a legacy for future students

When you do something as simple as turning on a water tap, there's a lot of behind-the-scenes work needed to ensure the water you drink is safe, and the supply is reliable. That requires careful inspection of the large pipes that deliver the water to our homes and businesses, and it's the focus of research being carried out by Jinglin Peng, a PhD student in the Faculty of Engineering. Since workers cannot enter the water mains to inspect them directly, Peng's research project is focused on developing a navigation and inspection system designed for an underwater vehicle that will travel inside the pipes, using lasers and an omni-directional computer vision system to inspect them.

"This research will contribute to the understanding and use of non-destructive testing sensors," says Peng, "and it will broaden the use of omni-directional computer vision technology. As a result, it will support a safe and reliable water distribution system."

Peng is one of four recipients of a new scholarship created by a \$50,000 donation from the U of R Graduate Students' Association (GSA) to the University's Building Dreams and Futures campaign. An international student, he is one of two students to receive \$1,250 to support full-time studies. The other two scholarships are \$750 each, for part-time students. Peng is grateful for the GSA's support, "so that I can concentrate more on my research." The other recipients include Kyra Kane, who is studying for her master's degree in the Faculty of Kinesiology and Health Studies, Karen Wotherspoon, who is working toward a master of education degree in educational psychology, and Shannon Funk, who is completing a master's degree in education, specializing in curriculum and instruction.

After he completes his doctoral program, Peng intends to pursue his research further, either in a university or in some other institution. "I want to have the chance to incorporate state-of-the-art technology into our daily life, so that people can enjoy the benefits that modern technology can bring us," he says. "My current research program of water pipe inspection using mobile robot techniques is just such a promising project. I also want to thank my supervisor, Dr.



Jinglin Peng researches innovative ways of inspecting water distribution pipes to ensure our drinking water supply is safe and reliable. A PhD student in the Faculty of Engineering, Peng is the recipient of the new Graduate Students' Association (GSA) Scholarship, established by a gift from the GSA to the Building Dreams and Futures campaign.

Raman Paranjape and co-supervisor Dr. Mehran Mehrandez, for their support and guidance."

The University's vice-president of external relations, Barb Pollock, notes that the GSA's scholarships are the first of their kind, and an example of how one generation of students can help the next. The gift also helps to strengthen graduate work at the U of R, one of the priorities of the Building Dreams and Futures campaign, she adds.



Four U of R marketing students are off to Australia for some hands-on international marketing experience. The team won the Faculty of Business Administration's Bridges to International Practice competition with a strategy to help Saskatchewan Trade and Export Partnership and the Saskatchewan Wheat Pool launch a new canola into the Australian market. (Left to Right): Areti Athanasopoulos (winner); Rob Giberson, associate dean of business administration; Cassandra Osicki (winner); Doug Knight, Saskatchewan Wheat Pool; Natalie T. Johnston (winner), Sylvain Charlebois, professor of marketing; and Jamie Hall (winner).

FACES ON CAMPUS

So, you think you have a good idea that might be worth millions? You may be right, but there are many hurdles along the way, Ian Bailey cautions. He



Ian Bailey

is the new director of the University-Industry Liaison Office (UILO), which was established by the U of R and the City of Regina four years ago to help researchers who believe they have an idea or a product that could be commercialized.

Not all research needs to be protected, Bailey explains, but there is "patentable intellectual

property that should be protected – that's where the UILO can help. If we believe an idea has potential, we can help with the patent process and assist with other steps toward commercialization."

Those other steps could involve obtaining initial financing, creating a business plan, finding investors and deciding whether to license the product to an existing business or create a start-up company. "I spend a lot of time actively networking in order to help people with these steps," says Bailey. "It takes time and effort to help people through the different stages, and ensure that due diligence is completed."

If an idea is successful, revenues from the University's stake in the venture flow back over time, and are used to support students and more research. "That increased activity is good for the U of R, and as new businesses are created, it's also good for our partner, the City of Regina," Bailey states.

Every two weeks, the U of R Update will bring you news on events, programs, people and research at the University of Regina.