

Media Advisory

Date sent: April 7, 2009

Date of event: April 9, 2009

Algonquin College and OCRI Host the Seventh-Annual Applied Research Day

Algonquin College's Office of Applied Research and Innovation, in partnership with OCRI (Ottawa Centre for Research and Innovation), is hosting the seventh-annual Applied Research Day. The event provides a great opportunity to experience first hand the latest in applied research developments as the College showcases its internationally recognized research projects. As part of the event, tours will be given of the College's leading-edge teaching and research facilities.

Some of the projects include:

Black Walnut Washer to improve production

Algonquin College student, Marc Rochefort, has developed and will display a prototype that will improve Black Walnut Farming. The Continuous Flow Washer was designed and tested on the basis of continuous flow, portability, safety, user-friendliness and cost, with the ability to greatly improve continuous production of a small Black Walnut Farm.

Brining Imaging into focus

Optical Imaging is a cornerstone of modern technology, but has been plagued with the problem of increasing the depth of field (DOF), which determines how much of an image is in focus. Dariusz Nowacki and Ilya Golub will demonstrate imaging using logarithmic axicons which could greatly impact the practice of microelectronics, microscopy, medical imaging and optical storage, by greatly improving the DOF of imaging systems.

Nursing students receive interprofessional intervention

Some nursing students received an intervention from the library technician students when looking for a scholarly article. In an experiment, second year nursing students were randomly put into either a control group or an experimental group. The experimental group were helped by library technician students while the control group found the article on their own. The experiment studied interprofessional attitudes using a pre-test-post-test design with the Interprofessional Education Perception Scale. Showing a change in attitudes, the results and methodology of the experiment will be on display.

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HousAll upgrade to assist in emergencies

HousAll's previously featured 12 foot wide temporary structure received an addition from a team of mechanical engineering technology students. The new structure is 16 feet wide and modular by 4foot sections in length. This larger structure can be used as improved temporary facilities in cases of emergencies, military and commercial uses. The team will be showcasing the upgrades they made to the earlier model.

FluidSurveys, FluidReview, Fluid Results

Chide.It Inc, a new-age internet software company, develops products to improve client relations for companies. As customers demand to be heard by companies, Chide.It products are there to help. One such product is FluidSurveys which was launched last year. This product, which will be showcased along with FluidReview, is a user-friendly tool for creating complex surveys and allows the user to receive real-time results.

Who: **Robert Gillett**, President, Algonquin College
Mark Hoddenbath, Director, Applied Research and Innovation, Algonquin College
Andrew Fisher, Executive Vice President, Wesley Clover
Peter Hoftsra, Vice President and Portfolio Manager, Greenrock Asset Management

What: Algonquin College's seventh-annual Applied Research Day

When: Thursday, April 9, 2008
8:30 a.m. to 2:00 p.m.

Best time: 10:00 a.m. - Demonstration of student research projects and tours of Algonquin Research Centres and Labs

Where: Room T 102
Advanced Technology Centre ('T' Building)
Algonquin College
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