



Friday, October 02, 2009

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In this issue:

- [Welcome to Applied Science this Month](#)
- [APSC in the News...](#)
- [APSC News Releases...](#)
- [Applied Science and UBC a place of mind](#)
- [Applied Science and UBC Celebrate Learning Week](#)
- [UBC Engineering Connects! Social networking now available](#)
- [Engineering Open House](#)
- [Hire an Engineering Co-op Student](#)
- [Underwater Robots search for clams](#)
- [Mechanical engineer honoured by Engineers Canada](#)
- [Professor Emerita Martha Salcudean receives honorary degree](#)
- [Landscape Architecture student Katy Amon wins ASLA Award](#)
- [Alumni Achievement Awards](#)
- [Mechanical grad students win Alternative Energy X competition](#)
- [World-renown architect to present Arthur Erickson Lecture](#)
- [Mining & Sustainability BC workshop](#)
- [Materials grad student talks science](#)

Welcome to Applied Science this Month

For those of you who are new to receiving Applied Science this Month, welcome to the Faculty's e-newsletter. This is a vehicle for learning about news and events within your organization, across UBC and external partners wanting to reach Applied Science faculty and staff. This is also an opportunity for you to share information with colleagues across Applied Science. Submissions are due the last Friday of each month; please use the online form at

<http://www.apsc.ubc.ca/news-events/newsletters/atmform.php>.

Applied Science this Month is mailed electronically the first week of the month to faculty and staff and friends of the Faculty.

Enjoy the read!
APSC Communications

Upcoming Events

Stand Up for Mental Health
Monday, October 5, 12-1 pm

[More info](#)

Green Research Workshop
Wednesday, October 21,
11:30am-4pm

[More info](#)

**ICICS – Distinguished
Lecture Series**
Thursday, October 22

[More info](#)

**UBC Celebrate Learning
Week**
October 24-30

**CLASS Conference, UBC
Engineering**
Saturday, October 24,
10am-5pm

APSC in the News...

From this month's *APSC in the News*, learn:

Whose invention has been featured on the Discovery Channel...

What award-winning designs have been created for better social housing...

Which spin-off has been listed in the CleanTech 100 ranking...

Why the first discovery of an exoplanet can lead to heartbreak...

How Applied Science people are making a difference in our world...

All this and more now available at: [APSC in the News - September 2009](#)



APSC News Releases...

[SALA Students win Future Social design competition](#)

[Okanagan engineering students to get hands-on masonry instruction from industry experts](#)

[UBC Engineering alumni and Mondo Spider trek to New York](#)

[Mechanical engineer honoured by Engineers Canada](#)

[APSC researchers receive PICS fellowships for new climate change studies](#)

[Engineering student and his invention featured on Discovery Channel](#)

[Mechanical engineer receives honorary degree from the University of Waterloo](#)

[UBC Engineering spin-off Ostara ranks in CleanTech 100](#)

Applied Science and UBC a place of mind

This month UBC rolled out its new brand: a place of mind. In association with the new brand launch, Applied Science and the Engineering units with websites supported by the Dean's Office will be getting a website face-lift to adopt the new common look and feel.

>> [Read more](#)

[top of page](#)

Applied Science and UBC Celebrate Learning Week

UBC Engineering will be participating in the Conference for Learning and Academic Student Success (CLASS), a student-led campus-wide initiative at the University of British Columbia

Nursing Open House
Friday, October 30, 12-2pm

[More info](#)

2009 Gairdner Foundation National Program
Monday, October 26, 4-6pm

[More info](#)

Faculty Culture and Meaning Making
Tuesday, October 27,
1:30-4pm

[More info](#)

Arthur Erickson Lecture Series: Juhani Pallasmaa
Monday, November 2,
6:30pm

[More info](#)

Engineering Open House
Saturday, November 7

[More info](#)

2009 Marion Woodward Lecture
Thursday, November 12,
7pm

[More info](#)

Mining & Sustainability BC workshop
Thursday, November 19,
8:30am-5pm

[More info](#)

dedicated to empowering first-year students for life-long academic success, to be held Saturday, October 24th. The School of Nursing will be having an Open House including the Simulation Lab and student projects on Friday, October 30th.

>> [Read more](#)

[top of page](#)

Notices

APSC This Month – November deadline
Friday, October 30

[More info](#)

UBC Engineering Connects! Social networking now available

UBC Engineering Connects is a place to engage, explore and discover. As the one-stop shop to connect with UBC Engineering, student life and upcoming events, subscribe to our Twitter feed, YouTube channel or friend us on Facebook.

>> [View site](#)

[top of page](#)

Engineering Open House

Shape the future. Make a world of difference. Discover your potential. Delve into an atmosphere that is academically provocative. Engineering as a career is one of discovery, design, imagination, innovation and contribution. Don't take our word for it – check it out for yourself!

>> [Read more](#)

[top of page](#)

Hire an Engineering Co-op Student

Looking for a cost-effective solution for a short- or long-term project? Engineering Co-op students can assist you on projects ranging from developing new product designs to building sustainable infrastructures to creating innovative software programs. If you're looking for a co-op student starting in January for four or eight months, email your job posting to eng.coop@ubc.ca. For more information about the UBC Engineering Co-op Program, please visit www.ubcengineeringcoop.com.

Underwater Robots search for clams

August 2009 – **Professor Bernard Laval of UBC Civil Engineering, and Ph.D. candidate, Alexander Forrest (UBC)**, headed a study at Lake Tahoe, California to discover the impact of the invasive Asian Clam species and its potential relationship with green filamentous algae. The study, employing a unique Autonomous Underwater Vehicle (AUV) called "Gavia", was conducted with researchers at the University of California, Davis and the University of Delaware.

>> [Read more](#)

[top of page](#)

Mechanical engineer honoured by Engineers Canada

UBC Mechanical Engineering Professor Elizabeth Croft has been named Fellow of Engineers Canada (FEC) for her noteworthy achievement and service to the engineering profession.

Engineers Canada is the national organization of the 12 provincial and territorial associations that regulate the practice of engineering in Canada and license the country's more than 160,000 professional engineers.

>> [Read more](#)

[top of page](#)

Professor Emerita Martha Salcudean receives honorary degree

On June 13, 2009, **UBC Mechanical Engineering Professor Emerita Martha Salcudean** received a doctor of engineering degree and addressed convocation at the University of Waterloo. Salcudean is the Weyerhaeuser Industrial Research Chair Emerita in Computational Fluid Dynamics. A member of the Order of Canada and the Order of British Columbia, fellow of the Royal Society of Canada and the Canadian Academy of Engineering, she has published widely in the area of heat transfer and fluid flow, especially in computational fluid mechanics and the modelling of transport phenomena in industrial processes.

>> [Read more](#)

[top of page](#)

Landscape Architecture student Katy Amon wins ASLA Award

The American Society of Landscape Architects presented **Katy Amon** with the prestigious honor award this year for her thesis "Road Rights of Way: Connective Conduits". Faculty members Patrick Mooney and Ronald Kellett supervised her work, which "develops a methodology for integrating viable ecosystems and habitats into marginalized urban spaces to augment quality and connectivity across scales."

For more information, please visit the ASLA web site:
<http://www.asla.org/2009studentawards/>

Alumni Achievement Awards

Applied Science is proud to be honoured in three categories in this year's Alumni Achievement Awards on November 10, 2009.

Global Citizenship Award

Gary Birch, BAsC'83, PhD'88

Electrical engineer and executive director of the Neil Squire Society who is committed to the development of assistive technologies for Canadians with physical disabilities.

Outstanding Future Alumnus Award

Parisa Bastani, BASc'09

Mechanical engineering grad, Wesbrook scholar and student leader who has shown outstanding potential in the automotive industry.

Vida Yakong, BSN'04, MSN'08

Nursing PhD candidate who established a community development project aimed at building economic and health-care capacity in her home region of northern Ghana.

Alumni Milestone Achievement Award

UBC School of Nursing

A pioneer in the field of public health, the school was the first in the British Empire to offer a degree-granting nursing program.

Hear the full stories of this year's high achievers at the 15th Annual UBC Alumni Achievement Awards and join the excitement of the Achievement Afterparty at the Life Sciences Centre.

For Tickets, visit: www.alumni.ubc.ca/events/awards

Mechanical grad students win Alternative Energy X competition

Mechanical Engineering graduate students James Saunders and Malcolm Shields have won the Alternative Energy X competition, in a pool of seventy submissions. The competition was organized by the UBC Sustainability Office in June, and asked participants to create plans to reduce UBC's carbon footprint.

Congratulations to both James and Malcolm on this accomplishment.

>> [View their entry](#)

[top of page](#)

World-renown architect to present Arthur Erickson Lecture

Hosted by SALA, Juhani Pallasmaa, world renown Finnish architect, will be the upcoming speaker for the Arthur Erickson Lecture Series on November 2 at 6:30 pm at the Playhouse Theatre. While here, he will also be meeting with the architecture students on November 2nd and leading a workshop on health-care design on November 3rd with nursing and architecture students at the offices of Kasian Architecture Interior Design and Planning, generous donators for the events.

>> [Read more](#)

[top of page](#)

Mining & Sustainability BC workshop

Date: November 19, 2009

Time: 8:30am-5:00pm

Location: BCIT Downtown Campus, Atrium #825, 555 Seymour Street, Vancouver, B.C.

Cost: \$200/50* (lunch and refreshments included)

MSBC is pleased to present a one-day seminar for individuals working or interested in sustainability in the mineral exploration and mining industry.

>> [Read more](#)

[top of page](#)

Materials grad student talks science

"As a province, British Columbia takes serious the need to foster scientific literacy in the young", starts Noa Glouberman's article on the engineering, science, technology and math outreach efforts at UBC, facilitated by **UBC Materials Engineering PhD candidate Lars Rose** and colleague Sam Lee from UBC Genetics, through the Let's Talk Science Partnership Program. One of the features in the article is the annual APEG-BC e-fest: "Lars Rose explains fuel cells and lava lamps during National Engineering and Geoscience Week at the Vancouver Public Library".

>> [View full article \(pg. 40-44\)](#)

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