

News From the Dean

As you may be aware, the Department of Architectural Science underwent a visit from the Canadian Architecture Certification Board in March. The four day visit was highly successful. The visit was one stage in the final step towards accreditation of the Architectural Science programmes.

I'd like to extend my commendations to Department Chair, Dr. Kendra Schank Smith, and the core accreditation team for their outstanding efforts in arranging and facilitating the visit. We greatly look forward to hearing an update from the Board in June, as to the status of accreditation.

In this issue, I'm happy to note that every department is represented by an award or grant notice. On behalf of myself and all faculty and staff, I wish all of those mentioned, sincere congratulations and continued success.



Dr. Mohamed Lachemi, PEng
Dean, FEAS

Faculty News

Interim dean, School of Graduate Studies Appointed

Dr. Debora Foster has been appointed to the position of interim dean in the School of Graduate Studies (SGS). The appointment is effective July 1, 2010 to June 30, 2011.

Recipients of Faculty SRC Awards

The Faculty SRC Awards recognize individual faculty members on an annual basis for outstanding achievement in scholarly, research and creative activity and impact on their disciplines during the previous academic year. The FEAS recipients are:

Dr. Alagan Anpalagan, Electrical and Computer Engineering
Dr. Anthony Bonato, Mathematics
Drs. Habiba Bougherara, Daolon Chen, and Marcello Papini, Mechanical and Industrial Engineering
Dr. Bo Tan, Aerospace Engineering

Recipients of Ryerson Awards

Recognizing Ryerson faculty members for their exceptional or distinguished service to a department, school, faculty and/or the university, the winners of the Ryerson Faculty Awards are:

Dr. Alagan Anpalagan, Electrical and Computer Engineering
Dr. Noel George, Chemistry and Biology
Dr. Saeed Zolfaghari, Mechanical and Industrial Engineering

2010 NSERC Discovery Grant Competition

Congratulations to those who have recently been awarded grants in eight of our ten departments. Out of 54 applications from our Faculty, 21 were successful for a success rate of 39%.

2010 NSERC RTI Competition

Congratulations to all applicants and co-applicants who have been awarded an NSERC Research Tools and Instruments (RTI) grant for one year.

Sentinelle Medical Pledges Funds to Dr. Victor Yang

Sentinelle Medical has pledged \$120,000 CAD over the coming year in support for Dr. Yang's programme of research.

Dr. Yang, from the Department of Electrical and Computer Engineering, is conducting research for the purposes of imaging and cancer management.

FEAS Quality Assurance Director

Dr. Said Easa has been appointed as Director of Quality Assurance, FEAS.

The primary responsibility of the Director is to oversee the quality assurance for all undergraduate and graduate programmes within the Faculty of Engineering, Architecture and Science.

Reporting to the Dean, the Director will be responsible for managing the process for the approval of the new graduate and undergraduate programmes, and for managing the audit of institutional programme review processes.

Dr. Dimitriu Elected Fellow of Engineers Canada

Faculty member of the Department of Mechanical and Industrial Engineering, Dr. Judith Dimitriu, has been bestowed the designation of Fellow of Engineers Canada by Engineers Canada in recognition of her contributions to the engineering profession.

Dr. Frankie Stewart Awarded NSERC Promo Science Grant

Congratulations to Dr. Frankie Stewart, Mechanical and Industrial Engineering, who received an NSERC Promo Science Grant for 3 years (2010-2012) for \$30,000 to support Women in Engineering/Faculty outreach and recruitment activities.

Award and Press Coverage for Dr. Ravi Ravindran

Dr. Ravindran, of the Department of Mechanical and Industrial Engineering and his Centre for Near-Net-Shape

Processing of Materials, has just been awarded by the American Foundry Society, the Outstanding Organization Award for consistent and excellent research in magnesium casting and ongoing support of the Society.

Dr. Ravindran's award-winning research on fuel-efficient cars and airplanes also made the headlines on Feb. 26, 2010 in the Globe and Mail. The article is online at <http://www.theglobeandmail.com/globe-drive/green-driving/news-and-notes/award-winning-light-weight-research/article1482790/>. See picture below.



Dr. Hesham Marzouk Awarded Funding from PRAC and NSERC CRD

Dr. Hesham Marzouk, Chair and Professor of Civil Engineering received funding in January for his research into Structural Health Monitoring and Damage Detection for Offshore Structures. Petroleum Research Atlantic Canada (PRAC) and NSERC's Collaborative Research and Development program will provide a total of \$360,000 over the duration of the project.

Dr. Marzouk is collaborating with Dr. Haddara of Memorial University of Nfld and industry partners, NSC Lavalin Group, Tiller Engineering, Oceanic Consulting Corporation and Capital Ready. The total in-kind contribution from industry is \$240,000.

Dr. Julianne Kus Awarded NSERC Postdoctoral Fellowship

Congratulations to Dr. Julianne Kus, awarded an NSERC Postdoctoral Fellowship, which she has just assumed this January. Dr. Kus is a PDF of Dr. Debora Barnett Foster in the department of Chemistry and Biology.

Student News



Picture caption: Dr. Ramani Ramakrishnan, Benjamin Gaum

Robert Bradford Newman Award

The Robert Bradford Newman Student Medal for Merit in Architectural Acoustics recognizes excellence in the study of acoustics and its application to architecture. Benjamin Gaum of the Department of Architectural Science, won the Newman medal for his Master's thesis, "Sound Created Form," under the supervision of Prof. Ramani Ramakrishnan.

Hamed Basseri Wins Two Highly Competitive NSERC Scholarships

4th year undergraduate Medical Physics student, Hamed Basseri, is the recipient of two very prestigious NSERC awards: the Alexander Graham Bell Scholarship and the Julie-Payette-NSERC Research Scholarship. The Alexander Graham Bell Scholarships are the top tier of the NSERC post-graduate awards. The Julie Payette-NSERC Research Scholarships are the most prestigious NSERC Postgraduate Scholarships offered to 24 of the top-ranked CGS/PGS Master's candidates.

Maryam Reza Awarded Scholarship

Maryam Reza, a MASC. candidate in the Department of Chemical Engineering, has been awarded the Water Environment Association of Ontario (WEAO) 2009 Scholarship in the amount of \$1,000. Maryam is working under the supervision of Dr. Manuel Alvarez Cuenca on the development of a biological nutrient removal (BNR) reactor (USA Patent Pending) which is currently being tested in the Water Treatment Technologies Laboratory at Ryerson University.

Students Own Podium in Poster Competition

Ryerson took 1st, 2nd, and 4th place in the 2010 Graduate Student Poster Session at the Association of Ontario Land Surveyors Conference. This is the second consecutive year Wai-Yeung Yan wins the 1st place in the competition. He also won 4th place. David Forgione won second place. Congratulations to these students and their supervisor Dr. Ahmed Shaker Abdelrahman, of Civil Engineering.

Ryerson Student Chapter of the Institute of Transportation Engineers

The Ryerson Student Chapter of the Institute of Transportation Engineers (RITE) is hard at work to enhance the student knowledge of Transportation Based Engineering careers on campus by attending and conducting ITE-related events and activities. We encourage you to visit www.civil.ryerson.ca/citesc for updates on this ITE student Chapter, or contact Saad Syed, Student Chapter President.

Students Win First Place at 2010 Ontario Engineering Competition

On January 30th, 2010. Kirill Cheiko, Reuben Fernandes, Charles Gilmour and Pawel Kita represented Ryerson University's Department of Chemical Engineering at the 2010 Ontario Engineering Competition (OEC) in Waterloo, Ontario.

These four individuals placed 1st for Technical Excellence and Social Awareness for their design of an Advanced Wastewater Treatment Plant and received honourable mention in the Innovative Design category.

The students (below) have designed their plant under the guidance of faculty member Dr. Manuel Alvarez-Cuenca who is an international expert in the area of Fluidized Bed Technology and advanced reactors for the treatment of water and wastewater.



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Staff News

FEAS Staff Recognition Award, March 2010

Congratulations to Mr. Jason Naughton, recipient of the March FEAS Staff Recognition Award. Jason, who is a lead engineer in the Department of Electrical and Computer Engineering, has demonstrated an exceptional commitment to service within his department and beyond.

To quote from one of his nomination letters, Jason “is a dedicated, easy-to-approach, service-minded and volunteer-spirited staff. His service to Ryerson is outstanding”. Jason’s achievements will be recognized during the mid-April Chairs’ Council meeting.

Congratulations also to all the nominees, your dedication to the service role is essential to making FEAS the strong team that it is.

Announcements

2010 Dean’s Research Fund (DRF) Competition

The Dean announces competitive \$10,000 Research Grants in support of research projects that will lead to large external grant applications. The support will be focused on two categories: (i) partially/fully support a highly rated application that was unsuccessful in a recent federal or provincial granting council competition; (ii) a seed grant for bigger industrial/international research collaborative projects and team grants. More details on the grant and how to apply can be found on the FEAS website under Faculty Forms.

Please submit the completed application to Victoria Farmer (vfarmer@ryerson.ca) in RiO by 4pm, April 26, 2010.

Submissions to iMPACT

Please send grant, award, and competition notices to feasnews@ryerson.ca. The next publication will be out around the last day in June.