



Announcements



By now everyone teaching in the Fall 2012 and Winter 2013 should have received a course form (on purple paper) to be filled out for Timetabling purposes. Even if you are not the coordinator for the course, you must let me know if you have any special room requirements, such as a room that has a dimmer switch, blackboard or whiteboard, etc.. If there is no change to the course, please still drop the form off to me with 'NO CHANGE' written on it. This information has to be entered into the system so that when rooms are assigned they meet your requirements. Please drop the forms off at my desk A.S.A.P. My access to the timetabling entry process is very limited.

THANKS Jillcent

The Tri-Council funding agencies are becoming more stringent in applying their rules for eligibility for Tri-council grant holders. Please note that information about any pertinent change in status must be forwarded to the appropriate Tri-Council agency immediately. The routing for this notification is to send it to the Department Head. The Head will forward that information to the Vice-Dean Research (currently Brian Keay), and that individual will relay the information to the Research Services Office (RSO) (current individual responsible for this is Lorna Very). The RSO will then work with the PI to send an explanatory letter to the funding agency.

Some examples of change in status that requires notification are as follows :

- retirement,
- becoming a Faculty or Emeritus professor,
- going on any type of leave including medical, maternity, leave without pay, personal leaves, etc. (Research and Scholarship leaves under one year are exempt)
- not renewing one's Adjunct Professor appointment (these are normally 3 year, renewable, appointments)
- changes to position
- changes from full-time to part-time
- termination

A presentation was assembled by Lorna Very on the eligibility rules and regulations. A copy of that PowerPoint presentation is archived on our Departmental web site www.bio.ucalgary.ca/status_winter_2012.pdf.

Tony.

Information day for International Students - On March 2nd an event entitled "Retaining Global Talent" will be held in the MacEwan Ballroom. This is geared to international students who want to learn more about how to stay and work in Alberta after they have graduated. For further information on the schedule please see pages 12-13. It is unclear whether registration is required. To find out please contact the organizers via the site listed on the poster.

Biogeosciences Insittute is offering a sumer research internship - please see page 8 for details.

1st joint congress on Evolutionary Biology will be held on July 6-10 2012. Please see pg 9 for details.

The 8th Canadian Plant Biotechnology Conference will be held at the university of Guelph May 14-17th, 2012. Please see pg 10 for details

Please see page 11 for details on the **200 gram Erase the Waste challenge**.

BGSA 1st Annual Curling Bonspiel - March 24, 2-5. Please see page 14 for more details

Seminars



BCEM 601 seminars - Mondays at 16h00 in BI 211
February 27 - Perpetua Uzuegbu & Nico Tambellini - TBA

CDP 601 seminars - Wednesdays at 17h30 in BI 211
February 29 - Tina Johnson - TBA

EEB 601 seminars - Mondays at 12h00 in BI 211
February 27 - Cecelia Chung: Nutrient accumulation in the Bow River

Micro 601 seminars - Wednesdays at 11h00 in BI 211
February 29 - Stacey Bruce - Rhizobium leguminosarum motility & chemotaxis mutants for transcript/proteomic profiling

Scholarships



UNDERGRADUATE RESEARCH SCHOLARSHIPS

Laurence Decore Award for Student Leadership (10) \$500 - The Laurence Decore Award is funded and administered through the Alberta Heritage Scholarship Fund and promoted through the SU.

This award for student leadership honours Mr. Laurence Decore, former Edmonton mayor and leader of the Alberta Liberal party. The Laurence Decore Award recognizes students who demonstrate outstanding dedication and leadership to fellow students and to their community through involvement in student government, student associations, clubs and/or community organizations.

Application - http://www.su.ucalgary.ca/system/files/content/quality-education/funding-awards/docs/ld-application_form_2011.pdf - and guidelines are available at the SU office (MSC 251). Further details can be found at the Alberta Learning Information Service (ALIS) website. Applications must be submitted to the SU office on February 27, 2012. <http://alis.alberta.ca/et/fo/scholarships/info.html?EK=32>

GRADUATE RESEARCH SCHOLARSHIPS

QE II (Master's & Doctoral) Scholarships: Applicants must be Canadian Citizens or Landed Immigrants, and currently enrolled (or will be, at the time of tenure), in a graduate program. Department Recommended Awards: There are five awards (Dennis Parkinson, Dr. A.P. Russell, Graeme Bell and Norma Kay Sullivan-Bell, Jake Duerksen, Jim & Jean Cragg) under this category. <http://www.grad.ucalgary.ca/funding.aspx>. For information on the above awards, application form and procedures, email georges@ucalgary.ca Internal deadline: 29 Feb

Graduate Student Affairs



Did you know....

.....that if you have won a Scholarship/Award, etc., ***Sophia and I would appreciate an email from you*** indicating this. We are not always informed of these awards, and ***you may be eligible for a departmental top-up!*** Also with proof of the award we can request that it appear on your transcript! ☺

....that The Faculty of Graduate Studies is moving! On **February 22nd** (the Tuesday after Family Day long weekend), **their new digs will be MLT room 212**. Please note: they will be open in Earth Sciences until 4:30pm on February 16. (**Friday, February 17 and Tuesday, February 21 they will be closed**).

Research Proposals

The M.Sc. Research Proposal for Shaelen Korschuh, in the area of "Developmental Endocrinology", was accepted by her Supervisory Committee on February 13, 2012.

The Ph.D. Research Proposal for Gareth Jones, in the area of "Environmental Microbiology", was accepted by his Supervisory Committee on February 14, 2012.

Ph.D. Candidacy Oral Examinations - Candidacy Exams are Closed Exams.

Anastassiiia Moussatova (Supervisor: P. Tieleman), will be holding her Ph.D. Candidacy Examination, in the area of "Computational Biochemistry", on February 22, 2012 at 9:00 a.m. in BioSciences room 499. (Neutral Chair: R.J. Turner).

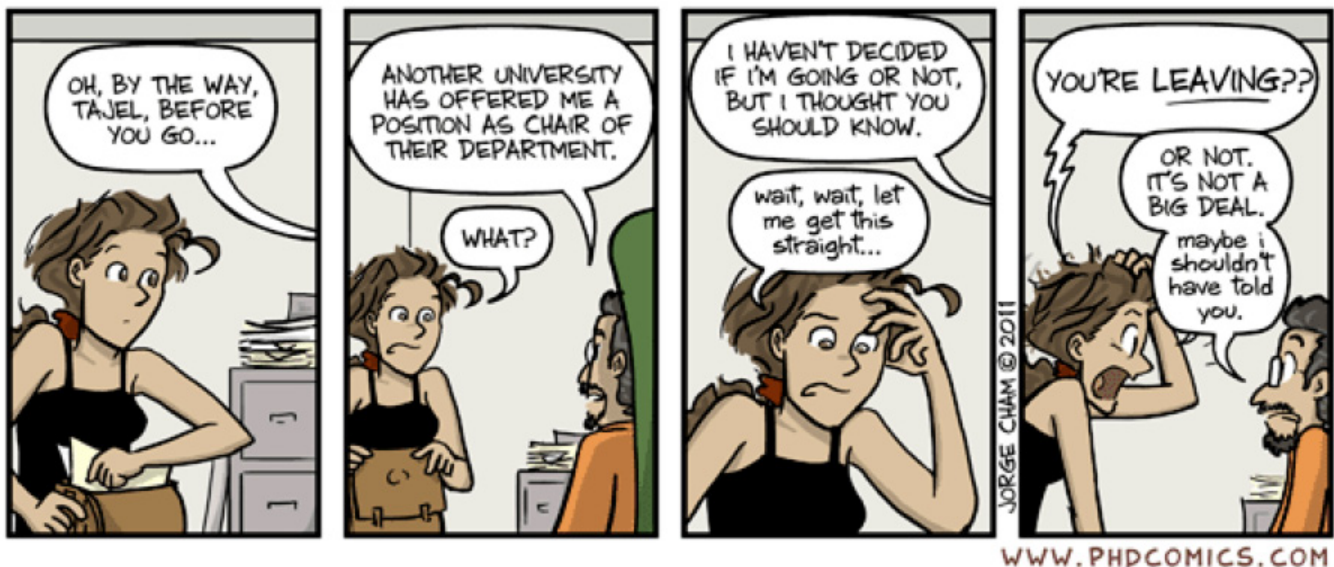
Ava Zare (Supervisor: H.R. Habibi), will be holding her Ph.D. Candidacy Examination in the area of "Molecular Mechanism of Endocrine Disruption in Fish", on April 26, 2012 at 1:30 p.m. in BioSciences room 389. (Neutral Chair: TBA).

Thesis Oral Examinations - Exams are "Open" unless otherwise noted.

Please note: Pre-defense seminars are a degree requirement for all M.Sc. and Ph.D. students in Biological Sciences. Typically, the seminar will take place immediately preceding the Oral Defense Exam.

It is the student's responsibility to book the necessary com-media equipment with either Christine (220-3578) or David (220-8307) for their examination. Please book the equipment as soon as you have the date set for your exam/proposal meeting. (defense seminars are held one hour before the stated defense time in BI 211 unless noted otherwise)

Lorraine Johnston Adderley (Supervisor: J. Vamosi), will be defending her M.Sc. Thesis, in the area of "Plant Reproductive Ecology" on February 29, 2012 at 10:00 a.m. in BioSciences room 499. (Neutral Chair: C. Shemanko).



Positions / Opportunities



Sessional Teaching positions available - SPRING 2012

BIOL 205, Spring 2012 Sessional Lecturer – Biology 205, The Organization and Diversity of Life
An instructor is required to teach this half course, which will be offered during the Spring 2012 session. Biology 205 provides a study of biological concepts and mechanisms for non-majors, illustrated by current examples of medical and environmental problems. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BIOL 305, Spring 2012 Sessional Lecturer – Biology 305, The Human Organism
An instructor is required to teach this half course, which will be offered during the Spring 2012 session. Biology 305 introduces human biology to non-majors, leading to an appreciation of how

the human body maintains itself and carries out the functions necessary to sustain any organism. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience, ideally in this course. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BCEM 393, Spring 2012 Sessional Lecturer – Biochemistry 393, Introduction to Biochemistry
An instructor is required to teach and coordinate labs for this half course, which will be offered during the Spring 2012 session. Biochemistry 393 introduces the structure and function of carbohydrates, amino acids, proteins, lipids, and (co)enzymes, and also provides an introduction to metabolism. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience in Biochemistry. The base salary is \$5930 for lectures, with an additional \$1000 for lab coordination. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BIOL 243, Spring 2012 Sessional Lecturer – Biology 243, DNA, Inheritance, and Evolution.
An instructor (or several instructors) is required to teach and coordinate labs for this half course, which will be offered during the Spring 2012 session. Biology 243 is one of our two new introductory courses in Biology. It provides an introduction to central concepts in evolution and biodiversity, as well as the role of DNA as a vehicle for inheritance of genetic information. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience. Since this is a new course taught with a new philosophy, previous experience teaching BIOL 243 is highly desirable. It may be possible for two instructors to cover the two halves of the lecture material. The lab coordination could be done by the lecturer(s), or by a different person. The base salary is \$5930, with an additional \$1000 for lab coordination. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BIOL 311, Spring 2012 Sessional Lecturer – Biology 311, Principles of Genetics
An instructor is required to teach and coordinate labs for this half course, which will be offered during the Spring 2012 session. Biology 311 introduces topics of Mendelian inheritance, allelic relationships, genetic and sex linkage, sex determination, chromosome structure, segregation and recombination, structure and function of genetic material, molecular genetics, genetics of bacteria and viruses, gene function, complementation, and regulation of gene expression. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience. It may be possible to hire separate instructors for the lab and lecture components. The base salary is \$5930, with an additional \$1000 for lab coordination. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BIOL 313, Spring 2012 Sessional Lecturer – Biology 313. An Introduction to Ecology and Evolution

An instructor is required to teach and coordinate the labs for this half course, which will be offered during the spring 2012 session. Biology 313 introduces ecological processes and evolutionary principles that explain the origin, maintenance, and dynamics of biological diversity, including population dynamics and communities, the evolution of traits, and mechanisms of genetic change of populations. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous experience teaching in the field of Ecology. The base salary is \$5930, with an additional \$1000 for lab coordination. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB, T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

BIOL 331, Summer 2011 Sessional Lecturer – Biology 331, Introduction to Cellular and Molecular Biology

An instructor is required to teach this half course, which will be offered during the Summer 2012 session. Biology 331 introduces principles of cellular structure and function, including molecular organization and function of membranes, organelles, the nucleus and cytoplasmic structures, regulations of cell proliferation, assembly of organelles, and cell interactions. Preferred qualifications include a Ph.D. in one of the Biological Sciences, and previous teaching experience in Cell and Molecular Biology. The base salary is \$5930. Interested persons should apply to Dr. Michael Hynes, Associate Head (undergraduate programs), Dept. of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, AB T2N 1N4 (email: biosci@ucalgary.ca). The deadline for submission of an application letter and resumé is February 27, 2012.

Nominate someone who makes you proud- 2012 Arch Award nominations open at www.archawards.com

The University of Calgary Alumni Association is accepting nominations for its highest honour—the Arch Awards. Do you know an outstanding alumni donor who is making an impact in their community? Why not nominate them for a 2012 Arch Award!

Last year we honoured legal trailblazer Madam Justice Patricia Rowbotham BEd'75, LLB'85—our Distinguished Alumna; Olympian and humanitarian Kristina Groves, BSc'04—our Graduate of the Last Decade; and Alyx Nanji, BSW/BComm student—our Future Alumnus.

University of Calgary alumni and students are changing the world. Nominate someone who makes you proud at archawards.com by Feb. 29, 2012 at 4:30 p.m.

Thank you for your ongoing support of the Arch Awards program and please share this information with your network.

Please contact Erin Mason eamason@ucalgary.ca or 220-7108 if you have any questions.

Please be aware of volunteer opportunities in Kananaskis. Although most of these programs are



busiest in the summer, opportunities are available in the winter as well. Students may peruse the web links to plan for the upcoming Spring and Summer.

If you are interested in any of these volunteer opportunities please feel free to call.

Marie-Pierre Chappeland
Office Manager, Bow Valley Provincial Park
Box 280
Exshaw, Alberta T0L 2C0
Phone: 403-673-3663 ext 201 Fax: 403-673-3587
http://tpr.alberta.ca/parks/kananaskis/parks_bow.asp
document link: http://www.bio.ucalgary.ca/events/volunteer_k_country.pdf

Biotech Job Bank (www.bhrc.ca) has current employment opportunities in the biotechnology industry in Canada. The Biotech HR Pulse is available in PDF format at:
www.bhrc.ca/Pulse/index.html. Phone 519-457-1470, Ext 268, Fax 519-457-3997.

University Affairs Career Ads. Current employment opportunities, including all facets of the biological sciences, in Canadian universities may be found at the University Affairs website: www.universityaffairs.ca. Career ads are available in HTML format at:
http://www.universityaffairs.ca/career_ads/index.html

Conferences / Workshops / Courses



Alberta Innovates Bio Solutions offers funding to agriculture, agri-food, forestry, and bioproducts companies

EDMONTON... Taking an idea for innovation from concept to the marketplace often requires professional and technical services. To help pay for these services, applications for the next round of Alberta Innovation

Vouchers are being accepted until April 2, 2012. An increased number of these non-repayable grants are now available to agricultural and agri-food producers and processors, foresters, innovators in municipal solid waste or bioproducts, researchers with small companies and others in Alberta's life sciences sector thanks to additional funding from Alberta Innovates Bio Solutions for the Alberta Innovation Voucher Program. For more information, read attached pdf or visit <http://bio.albertainnovates.ca/funding/voucher/>

SAVE THE DATE! Our Impact Innovation Sessions are May 16 or 17

Please put a hold in your calendars for one of our 2012 Impact Innovation sessions to be held 1 to 5 p.m. on Wednesday, May 16 in Edmonton and 1 to 5 p.m. on Thursday, May 17 in Calgary. The program and speakers will be the same for both sessions and will feature Jay Ingram as M.C. More details to come soon.



BIOGEOSCIENCE INSTITUTE



2012 SUMMER RESEARCH INTERNSHIP

This position will be stationed at the two Field Stations of the Biogeoscience Institute of the University of Calgary. The Barrier Lake Field Station is located in the Kananaskis Valley, 80 km west of Calgary and the R.B. Miller Field Station is located in the Sheep River Valley, 100 km southwest of Calgary.

The intern will assist researchers with field work and lab duties as required. Research projects will include bighorn sheep, Columbian ground squirrels, red squirrels, hydrological studies, alpine butterflies, pollinators, climate change, forest fire effects, alpine vegetation studies, and glaciology. Other duties will include assisting with grounds work and other maintenance items.

The intern will work a 7.5 hr day, and the day could be in split shifts with early morning and evening periods. A moderate level of physical fitness is required as hiking to alpine areas will be required and carrying field equipment will be necessary. Some field work will be required in inclement weather which could include snow, rain, cold and hot temperatures.

The wage is \$13/hr and accommodation is provided (may be shared with other staff). Kitchen facilities are available to prepare your own meals. The duration of the internship is from early May to late August.

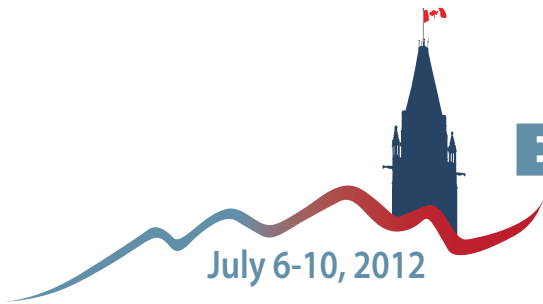
Interested students should contact Dr. E.A. Johnson. Include your C.V. and reasons why you want this position.

Dr. E.A. Johnson
Director
Biogeoscience Institute
Biosciences 186
University of Calgary
(403) 220-3570
johnsone@ucalgary.ca





WWW.
EVOLUTION
2012
.ORG



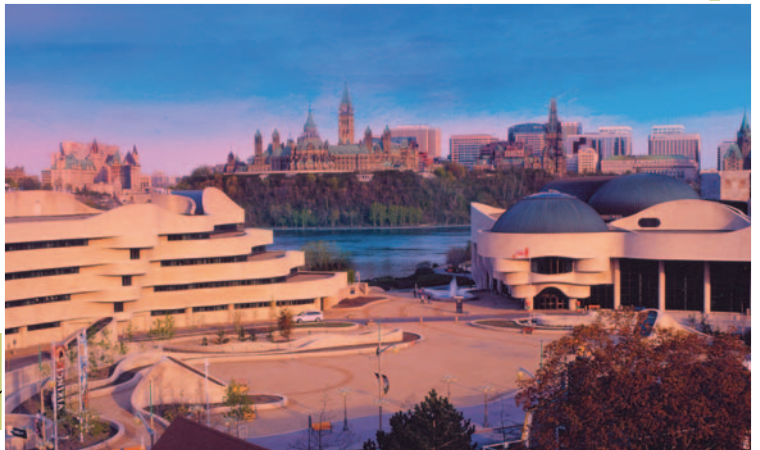
EVOLUTION OTTAWA

1st Joint Congress on Evolutionary Biology



**A congress on ecology and evolution
through a partnership of:**

- American Society of Naturalists
- Canadian Society for Ecology and Evolution
- European Society for Evolutionary Biology
- Society for the Study of Evolution
- Society of Systematic Biologists





8th Canadian Plant Biotechnology Conference

May 14th -17th, 2012

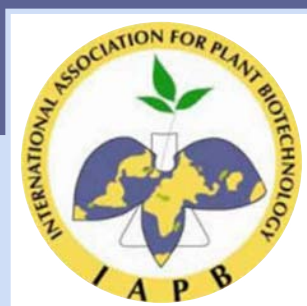
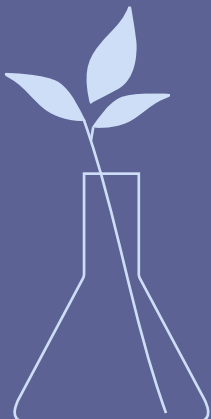
-The University of Guelph-
GUELPH, ONTARIO, CANADA

Conference website: <http://www.iapbcanada2012.ca>

Conference contact: iapb@uoguelph.ca

Telephone: 519-824-4120 ext. 52783

Organized by
International Association for Plant Biotechnology
Canadian Section



Erase the Waste 200 gram Challenge



Now through March 31st

Can you reduce your waste by as little as 200 grams per week?
Equal to 6 apple cores, or 8 coffee cups, or 45 sheets of paper

SAVE PAPER

- Take the Photocopier Challenge! Avoid printing when possible
- Reduce font size and margins to fit more on each sheet and set printer defaults to double sided, black/white, and toner saver
- **Buy recycled:** Aspen 30% recycled content paper is now 19% cheaper per ream through Grand & Toy than non-recycled



DINE GREEN

- All vendors in MacHall have gone styrofoam free and are switching to compostable containers which can go in the new organics bins
- Join the Eco-Container Exchange program at the Dining Centre and get **every 10th meal free** for using their reusable containers
- **Hold a waste free event:** Find out how at ucalgary.ca/sustainability/green_events_guide



USE A MUG

- Get **coffee discounts** for bringing a reusable mug and buy fair trade. Find participating vendors at ucalgary.ca/sustainability/dining



RECYCLE

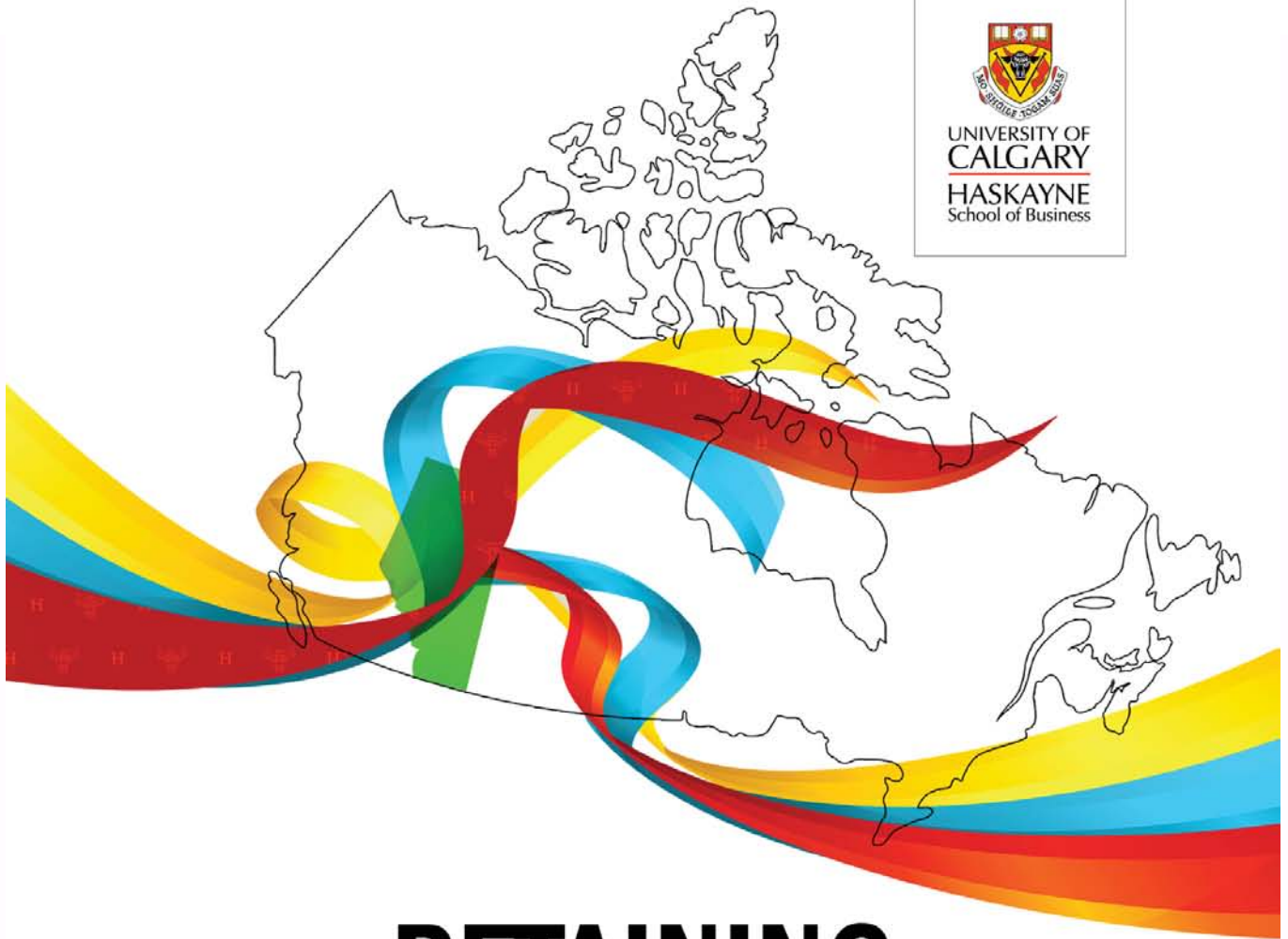
- **Organics:** compostable serving ware, wooden chopsticks, tea bags, coffee grinds, all food scraps, napkins and facial tissue
- **Mixed paper:** glossy paper, cardboard, softcover books, envelopes with plastic windows, newspapers and paper bags
- **Beverage Containers:** bottles, cans, tetrapaks, juice cartons and milk containers
- **20 waste streams diverted on campus.** Full list of recycling programs and services found at ucalgary.ca/sustainability/recycling



Sustainability ON
U of C - Stepping Up Together



UNIVERSITY OF
CALGARY
HASKAYNE
School of Business



RETAINING GLOBAL TALENT CONFERENCE

MAKE YOUR DEGREE WORK IN ALBERTA

Friday, March 2, 2012

8:30 am - 4 pm

MacEwan Ballroom

A conference for international students:
find out how to stay and work in Alberta post-graduation

Generously supported by



RBC Foundation®

Partners



This conference is made possible through the support of the RBC Investing in New Canadians Program at the Haskayne School of Business.

haskayne.ucalgary.ca/global-talent

Event: Retaining Global Talent

Date: March 2, 2012
 Time: 08:30am – 4:00pm
 Location: University of Calgary, MacEwan Hall

SPEAKING AGENDA

Time	Speaker	Topic	Time allocation
0830	Everyone is seated	Settling the room and getting everyone's attention	10-15mins
0845	Eva Klein, Conference Chair	Welcome; Why are we here today; Why is this topic important to Canada, Canadian employers and you!	5
0850	Mayor Naheed Nenshi	via Video Playback	5
0855	Franco Rizzuti, MC/Host	MC; Welcomes and starts agenda of today's talks	2-5
0900-0930	Chancellor Jim Dinning	Welcome from the University of Calgary	15
0930-1000	Craig Wright, Chief Economist RBC and Dawn Desjardins, Deputy Economist RBC	Canada's competitive landscape for attracting skilled immigrants; Why diversity is important to Canada and RBC.	30
1000-1015	The Honorable Greg Weadick, Minister of Advanced Education and Technology	Make your degree work in Alberta	15
1015-1030	Coffee Break		15
1030-11.00	Cheryl Knight, CEO Petroleum Human Resources Council of Canada	Careers in Oil and Gas; Rich in Potential	30
11.00-11.45	Robert Ferguson and Candice Juby	The latest in Immigration Law and Policy	45
11.45-12.15	Panel: Bob Dhillon and Mike Shaikh	Immigrant Experiences in Canada	30
12.15	Lunch Break	Seated at tables of 6 with representative from employer or immigration	45
1315 - 1545	Networking	Approximately 30 employers, one booth from Canadian Citizenship & Immigration and one SIFE booth dealing with Entrepreneurship	150

PRIZES:
Best team outfit
Best team
Worst team



1st Annual BGSA Bonspiel!

Join us on Saturday, March 24 from 2-5pm at the
Calgary Winter Club (after-party TBD)

\$20 per person (includes lesson and equipment)

Please sign-up as an individual or four person team with
Jesse (jehpatte@ucalgary.ca) before Monday, March 12