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UNIVERSITY OF CALGARY

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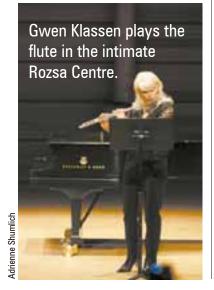
U of C presents music's softer side

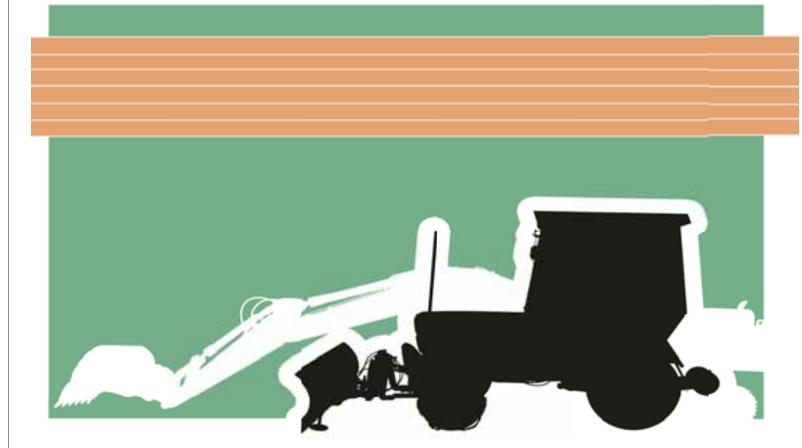
Sean Willett

Entertainment Editor

A little intimacy can go a long way to create a meaningful connection between performers and audiences. Concerts are often associated with the spectacle of a band or an orchestra delivering an earth-shattering performance at a massive scale in front of an equally massive audience. This type of live music can be incredibly moving, but scaling things back a bit can be just as powerful. This atmosphere can be found at concerts featured during the University of Calgary's Contrast Chamber Music Festival, an event dedicated to showcasing the softer side of music.

see CHAMBER MUSIC, page 5





Renovating Foothills Athletic Park

Taylor McKee

Sports Editor

utifully serving its purpose since its construction in the early 1960s, Foothills Athletic Park, which sits adjacent to the University of Calgary, is well overdue for a facelift. Foothills Athletic Park and Glenmore Athletic Park, two centrally located multisport athletic parks, are being considered for major overhauls that would upgrade the present amenities while also creating new ones.

The two parks include many

courts, fields and training facilities used by athletes from the U of C and all over the city.

With the Canadian track and field trials on the horizon in June, Foothills Athletic Park is about to become one of Calgary's most prominent athletic locations.

In between Father David Bauer Arena and the recently deserted baseball mausoleum Foothills Stadium, Foothills Athletic Park is one of the most athletically diverse areas in the city. However, the park is beginning to display limitations due to its age.

In 2008, City of Calgary Rec-

reation founded the Recreation Amenities Gap Analysis studies to determine if new recreation facilities would be needed to cope with the evolving demands of Calgarians.

In the same year, the Calgary Sport Council created a 10 year strategic plan to develop sports facilities that identified the recreational needs of a growing Calgary and targeted the types of new facilities needed.

The results of both studies have been used as justification for the planned renovation of the athletic parks in Glen-

more and Foothills. The concept plan for the redevelopment of the parks was drafted with the help of Sport Calgary and the Calgary Multisport Fieldhouse Society and presented to city council in June 2010. The plan was subsequently approved.

The modifications will not occur all at once. As stated on the City's concept plan for the development, "It will allow for a conservative capital funding model spread out over multiple years, with the larger capital expenditures near the end of the process."

see renovations, page 7

GAUNTLET

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Beef is cut and priced based on which part of the cow it is sliced from. Any part not used for these cuts are, until recently, sent to a factory to assume its rightful purpose as dog food. But why is it now threatening to make its way into our lunches? While sending these cow parts to the dog food factory may sound cruel, the stomachs of these furry consumers are much better than ours at digesting food. They are equipped with powerful stomach acids and appendices to

't's connective tissue, rectal tis-

sue and spinal scraps - and

it's making its way into your

ground beef. The notoriously unap-

pealing substance known as 'pink

slime' has outraged beef consumers

and has given vegetarians another

reason to scoff at hamburgers.

Experts have now found a way to make these meat scraps, of-

digest potentially harmful natural

additives. Even if our stomachs can

handle the pink slime, do we want

to eat it?

ten infected with diseases such as E. coli and salmonella, 'fit' for human consumption. First, this slimy and horrendous meat is put in a centrifuge to separate the tiny chunks of meat from the fat. Next it is added to a solution consisting of water and ammonia to kill the bacteria. Pink slime is transformed into a meaty substance that looks good enough to eat. But is it?

Pink slime is gross

A certain level of ammonia will not harm humans, but ammonia in large doses can lead to the development of hepatitis, cirrhosis and many other health problems. Although the World Health Organi-

zation has approved the process of producing pink slime, the amount of ammonia in meat products var-

Pink slime is estimated to be present in as many as 70 per cent of ground beef products in the United States. Pink slime is an inexpensive filler — because it costs less, fast food chains in the U.S. have been using it as a way to increase profit. While pink slime is not used in Canada, it is important to keep the disgusting substance out of Canadians' mouths.

Pink slime, however, is not the only thing Canadian carnivores

Prior to eating a taco, you shouldn't be stuck wondering how old the meat you are consuming really is, or what part of the cow it comes from. If the gross factor is not enough to turn you off, the health risks should. This meat is simply not fit for human consumption. Allowing animals killed before they reach the processing plant and pink slime in meat prod-

ucts is simply just another way of

putting quantity before quality and

mass production before consumer

have to worry about. Recently the

Canadian Food Inspection Agency

proposed a change to the meat in-

spection rules that would allow an-

imals to arrive dead to processing

factories. Critics have been wary

about the potential of spreading

disease from dead animals to per-

fectly healthy ones. So where will the line of food quality and safety

be drawn?

Gauntlet Editorial Board

STUDENTS' UNION EMPLOYMENT OPPORTUNITY

Chief Returning Officer (CRO)

Term: Part-time, from August 2012 to March 2013 Pay: Honoraria of up to \$2,000 for the by-election and up to \$3,000 for the general election.

The Chief Returning Officer (CRO) is a contract position responsible for ensuring fair and equal elections for the Student Union (SU). The CRO will be the chief administrator of all Elections and Referenda of the Student Union and will ensure a fair democratic process exists and is upheld. The Chief Returning Officer key responsibilities:

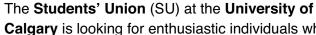
- Administer the SU Nomination and Campaign events;
- Enforce election and referenda rules;
- Organize public forums and moderating debates;
- Training polling station clerks;
- Oversee the functionality of polling stations;
- Deliver election and referenda results.

Your work will be concentrated in September – October and January – March. Applicants must be current undergraduates attending the University of Calgary and cannot sit on any SU Committees. Preference will be given to those with experience in student, civic, provincial, or federal elections.

Please submit a cover letter and resume to the attention of

Susan Judd, Council Liaison Officer Email: scjudd@ucalgary.ca or in person at the SU Main Office, 251 MacEwan Student Centre.

Deadline: Friday, June 15, 2012.



Join the SU Team!

Calgary is looking for enthusiastic individuals who enjoy a diverse, exciting and rewarding workplace. The SU has full and part-time openings for:



- Full time hourly Cook Kitchen
- Full time hourly Cook Supervisor Kitchen
- Full time hourly Banquet Supervisor MacEwan Event Centre
- Part time hourly Set-up, Catering and Bartending Staff -MacEwan Event Centre
- Part time Into the Streets Coordinator Volunteer Services



If you're interested in joining us at the U of C, please submit a cover letter and résumé to resumes@su.ucalgary.ca.



Protein can help the fight against cancer

U of C researchers look into lactoferrin and its immunity boosting capabilities

Emily NgGauntlet News

ancer research today is as imperative as ever, and new research at the University of Calgary is helping shed light on prevention and treatment of the disease. Professor of biochemistry Hans Vogel is researching a protein called lactoferrin that may boost immunity and gives insight into cancer treatment and prevention.

The Canadian Cancer Society released their 2012 Canadian Cancer Statistics report revealing an expected 186,400 new diagnoses of cancer in Canada this year. This number falls in line with the increasing cancer incidence rate for the past 30 years.

Vogel began researching lactoferrin in the 1990s. His research began as an investigation into the protein's iron-binding properties. Lactoferrin is naturally produced in breast milk, and is believed to be important for infants in obtaining mineral iron while nursing.

Vogel came across research describing lactoferrin's unique ability to split into a peptide that can kill bacteria and act like an antibiotic. This prompted him to look into the structure of the peptide.

"We were very interested in that because we thought it was a unique mode of action," said Vogel.

Lactoferrin is also present in white blood cells, indicating that this protein plays a role in boosting immunity. The protein has anti-microbial, anti-viral, antifungal and anti-cancer roles.

"One of the main things that the protein does is that it actually has a



Parvathy Gopakumar

Professor of biochemistry Hans Vogel is researching lactoferrin and its positive impacts on cancer.

strong immunostimulating effect, and that is why it can probably do so many different things well," said Vogel.

Vogel is part of a research team

that collaborates with a research group in Norway to focus on lactoferrin's cancer fighting properties.

Vogel's Norwegian colleagues have treated grafted tumours in

animals with lactoferrin-derived peptides. Cancer cell line research using lactoferrin has also been done.

The studies have found that can-

cer cells will take up lactoferrin and change their gene expression.

"Lactoferrin can be added on the outside of the cell," said Vogel. "The cell goes into a slightly different state, which is probably a healthier state."

Companies have also performed human trials where human lactoferrin genes are cloned and administered to cancer patients. Although the research is still in its trial stage, researchers have found that lactoferrin is effective against some forms of lung and kidney cancer.

According to the Canadian Cancer Statistics report, lung cancer has the highest incidence rate, causing 27 per cent of all cancer deaths in Canada. Among the other most prevalent forms of cancer are kidney, prostate and breast cancer.

"What is unique about this is you can actually take the protein orally," said Vogel. "The protein stimulates the immune system in such a way that helps to actually beat back the cancer."

Vogel said this course of research has taken some unexpected turns

"We started thinking about metal ions some 15 years ago, and now we are thinking maybe about treating cancer," said Vogel. "We could not have predicted that when we started."

Vogel is currently studying variants of the peptides derived from lactoferrin which may lead to a more potent product than whole lactoferrin.

Vogel hopes this research will help people affected by cancer and develop other positive outcomes with immunity and health.

Number of individuals diagnosed with cancer every hour in Canada in 2012: Estimated amount of new cancer cases in Canada in 2012: Expected deaths from cancer in Canada in 2012: Average percentage of lung cancer of all cancer cases in both men and women in Canada: Expected number of new breast cancer cases in 2012:

What is a cause worth fighting for?



"Environmental issues."

William Kwok,
 third-year
 software engineering



"Something you believe in."

– Kayla Ekkel, fourth-year kinesiology



"Stopping animal cruelty."

 Jacey Gnam, third-year primatology and anthropolgy





"Cancer."

Cody Schussler, second-year kinesiology

U of C researchers help the lost find their way

New research looks into disorientation disorder, new funding helps make it possible

Emily Macphail

Gauntlet News

magine getting lost in your own neighbourhood or home — not one you have just moved to, but one that you have lived in for 20 years. For people with developmental topographical disorientation, this event can be a daily occurrence. First described in 2009 by assistant psychology professor at the University of Calgary Giuseppe Iaria and colleagues, DTD is a condition where people experience difficulties with orientation.

Although similar difficulties can be seen in individuals with brain damage, DTD is unique in that individuals with the disorder have no structural lesions or other cognitive impairments.

Iaria's project, Helping Children Stay Oriented Through Life, is looking to find new ways to help people with the disorder.

The disorder has been classified as developmental because orientation skills are developed in childhood, and those with DTD report consistent orientation difficulties from a young age.

"The most important skill that we have for orientating in the environment is forming and making use of a cognitive map," said Iaria. Cognitive maps are developed over time and act as mental representations of the environment, giving someone dynamic navigation and orientation skills.

The most challenging task for people with DTD is forming a mental map, said Iaria.

Tests to confirm DTD include both online and lab testing in which individuals are asked to



Adrienne Shumlich

New University of Calgary research looks into helping individuals with orientation difficulties.

react to and use different orientation strategies. Brain imaging and genetic testing are also used to identify the disorder. Although it is a relatively new classification, it is gaining recognition in the scientific community. Other researchers are also beginning to publish on the topic.

Iaria's team — including graduate students Aiden Arnold and Clayton Ford Burles — is currently hoping to develop a video game that will allow both assessment and treatment for those affected by DTD.

According to Iaria, by intervening early, the disorder will have less of an impact on quality of life. Orientation skills will also be easier to integrate because developing brains have a greater capacity for forming new connections and pathways.

Although the video game is directed towards children, treatment is similar for adults and children. According to Iaria, adult training is more task-oriented.

The team is also researching in partnership with the University of Osnabruck in Germany. The research requires participants to wear a belt with a directional sensor.

Despite the growing recognition of the disorder, funding for DTD is still difficult to obtain. Iaria said this is due to how new the research is.

"People don't like to sponsor new things," said Iaria. Because of these financial hurdles, development of possible treatment tools for DTD has been slow.

The SciFund Challenge, founded by Jai Ranganathan and Jarrett Byrnes, biologists at the University of California, is an initiative to use a new form of funding called crowdfunding.

Crowdfunding was first used by artists to fund their creative endeavours through websites like Kickstarter. Now the phenomenon is branching into science. The principle of crowdfunding is that anyone can donate to a project they support. It is both a way to raise funds and connect with the public.

Through taking part in the the SciFund Challenge, the team hopes they will receive the funding they need for their research.

Helping Children Stay Oriented Through Life was the only

Albertan, and one of only five Canadian projects, to be funded through the challenge's second session. The project's goal was to raise \$5,000 — with \$3,425, they are well on their way.

The challenge closes on May 31, but Iaria's team will continue to collect donations through their website.

Iaria said crowdfunding's popularity will continue to increase.

"It's not in our culture yet, [but] it will become more popular because it will be the people deciding which kind of research needs to go on rather than the government and the agencies," said Iaria. "I think a small donation in a large population makes a huge difference."

Although he said government funding and philanthropy are important, public funding makes a huge difference.

"It's important to give voice to people who can only give five or 10 dollars," said Iaria.

For more information on Helping Children Stay Oriented Through Life visit neurolab.ca or gettinglost.ca



CONGRATS GRADS of 2012!

"Do not go where the path may lead; go instead where there is no path and leave a trail." – Ralph Waldo Emerson





Editor: Sean Willett-entertainment@thegauntlet.ca

Chamber music, continued from cover

The festival, which is currently in its eighth year, will be held at the U of C's Rozsa Centre, a small theatre built with acoustics in mind. There are two upcoming dates on June 1 and June 8 featuring a variety of performances from a diverse selection of gifted musicians.

"The festival showcases the multitude of talents of our faculty members, our students and our alumni," explains Edmond Agopian, the director of the festival and a music professor at the U of C. "We also have guests from the Calgary Philharmonic Orchestra, as well as international guests."

Among the guests are four musicians from the Central Conservatory in Beijing. Two performers Yan Tao and Yan Rui graduated with master's degrees from the U of C. Other alumni playing at the festival include Adriana Lebedovich and Gwen Klassen, both members of the CPO.

The festival's performances will also feature pieces from many great Canadian composers, including former U of C instructors Richard Johnston and Gerhard Wuensch.

The nature of the Rozsa Centre is perfect for chamber music, which is performed by small groups and enjoyed by a small audience.

"Chamber music is meant to be listened to in an intimate setting, and that is what the Rozsa Centre offers," says Agopian.

While chamber music originated as a form of classical music performed by small groups in palace chambers, the term now encompasses a broader definition.

"It allows for all sorts of different types and styles of music, which are all played by small groups," explains Agopian. "Because of that, we can have a wide array of music and styles, from jazz combos to string quartets to piano duos."

With its location on campus and free admission for U of C students, the Contrast Chamber Music Festival offers an amazing chance to experience live music in a unique and personal way. Agopian, who will be performing in several of the concerts, hopes the festival will help contribute to the university's artistic community while providing a memorable and intimate experience.

"We want to exhibit the talents we have at the U of C, to add to the cultural life of the campus and to present people with some wonderful music."

For more information about the Contrast Chamber Music Festival visit arts.ucalgary.ca



The University of Calgary's intimate Rozsa Centre is the perfect venue for chamber music.

$spun_{\frac{}{\text{ALBUM REVIEWS}}}$



Hunger Hush Hot & Cold Air May 19, 2012 Independent release

Hunger Hush are destined for radio. The three slick tracks from the Calgarian group's newest EP Hot & Cold Air go down as easily as candy. Each song is punchy, catchy and unapologetically pop-rock, but who says that is a bad thing? Not every band is destined to sit at home and ponder the turbulent nature of human morality. Although sometimes a bit of vapid cheerfulness can be refreshing, don't expect these tracks to find their way into coffee shops anytime soon.

Though they often tiptoe along the fine line between traditional and cliché, the songs are not meant to alter the face of music as we know

it. Hunger Hush instead offers easily digestible anthems for the reckless abandon of teenage summers. Recorded with local icon Lorrie Matheson, all the tracks are perfectly polished and the band itself seems highly energetic and youthfully exuberant. Put this all together and Hunger Hush seem determined to make it to the top.

Thematically, the tracks are not plumbing the depths of the human condition. Rather, the songs are fighting in a separate weight class — featherweight, if you will. Breezy and fun, this trio of tracks will surely impress many and will hopefully spur Hunger Hush into branching out into a bit more complex subject matter. One can only handle so much sugar.

Taylor Mckee



Imaginary Anomaly - Morgan Shandro



Stampede art returns to Calgary

Charlie Russell's visionary paintings are coming to the Glenbow Museum

Tamara Cottle

Gauntlet Entertainment

his summer, visitors to the Glenbow Museum will be able to travel back in time to witness some of the masterpieces seen by those who attended the

very first Calgary Stampede 100 years ago.

When Charlie Marion Russell was invited to exhibit his work at the 1912 Calgary Stampede, he was among the most famous artists of the Old American West. His illustrations were featured on

the plains.

Although Russell was American, Canadian ranchers, cowboys and First Nations connected with his vision of the west.

"He spoke their language," says

postcards, in calendars and in lit-

erature embodying the spirit of

Lorain Lounsberry, senior curator of cultural history at the Glenbow Museum and co-curator of the Russell exhibit.

Part of Russell's inspiration came from a summer spent in Canada near High River in 1888, where he spent time with the Blackfoot and Blood tribes in the area. This experience, according to Lounsberry, allowed Russell to translate the images he saw into works of art.

"What Charlie [Russell] has done in his art is capture the relationships between settlers, cowboys, natives and the land," says Lounsberry, describing the enduring relevance of Russell's artwork. "The qualities of the landscape that he shows us are of the land that we're familiar with and the landscape the ranchers were fa-

miliar with. Whether it is the dry coulees or a river scene, it's timeless."

Along with evoking a sense of intimacy with the land, Russell's work was seminal in producing imagery for what is now known as the Old West. "Some of the paintings were foundational images that were used repeatedly in pulp magazines and Western movies," says Lounsberry. "You'll see them and you'll recognize them."

The Charlie Russell exhibit will be on display from June 2 to July 29, in addition to another collection of artifacts from the first Stampede. This collection will highlight some of the extraordinary personalities who helped put the Calgary Stampede on the map. The hand-decorated saddle of Stampede founder Guy Weadick and the prize buckle of his trick and fancy roping wife Florence LaDue are key pieces in the collection.

Also on display is Edward Borein's famous 'I-See-U' illustration used for the 1919 Stampede advertisements. This image has since been immortalized as one of the most well-known symbols associated with the Calgary Stampede.

"The art that was created and exhibited at the first Calgary Stampede had a big impact in the city and on the imagination of its people," says Lounsberry.

For more information about exhibits at the Glenbow Museum visit glenbow.org



courtesy Glenbow Museum

Charlie M. Russell's The Wagon Boss is one of the legendary artist's many paintings featured at the Glenbow Museum this summer.





Michael Grondin

BassBus is bumpin' with more than just bass

Local musician Luke Thomson played on the BassBus stage during the Lilac Festival on May 27. The annual festival brings businesses and organizations across Calgary together for a day-long celebration featuring live music and a variety of local foods. The BassBus featured performances from a number of Calgarian artists, who played both inside and outside of the mobile venue. For more information about the BassBus visit bassbus.ca.



Renovations, continued from cover

"This will provide a longer term for fundraising and financial planning."

Calgary's manager of arenas, athletic parks and sport development Shelley Shea said the differentiated approach caters to the needs of Cal-

"The plan is based on the premise that we are not going to take something offline until something new is built," Shea said. "What we are trying to do is compliment and upgrade both of those sites. They are a huge draw with the community developing around there with the access being so good for both sites."

The concept plan also states that "if a catalyst event or significant capital funding is available sooner than expected, the phasing could be shortened." This leaves the possibility of additional fundraising or multi-level government funding available for the planned overhaul without an enormous initial expense.

The proposed overhaul is in conjunction with similar upgrades and additions planned for the Glenmore Athletic Park in a city-wide attempt to improve the quality of athletic facilities, with the idea of persuading more athletes to



A view overlooking present day Foothills Athletic Park.

away to train.

"One thing we have heard loud and clear from Calgary track athletes is that they get to a certain age and then they have to leave," said Shea. One of the proposed changes to Foothills Athletic Park is the construction of an indoor track and field centre with the potential to seat 7,500. Glenmore Athletic Park is slotted to have a new 333 metre cycling velodrome and track and field facilities inside the same building. This would mean that Calgary would then have two fieldhouses af-

stay in Calgary rather than move ter the entire project is completed.

The indoor fieldhouse would be a major boost for track and field in Calgary as it would improve the quality of training year-round for athletes in a number of different disciplines. Presently there are few sites for sprinters to train indoors. One facility available is the Olympic Oval with a diminutive sprint pad and crowded running track, unable to support the demands of those who train recreationally and those who train competitively. The sentiment of frustration is common among

Calgarian track and field athletes. The Calgary Multisport Fieldhouse Society was incorporated in April 2008 with the mandate of creating a multisport facility that could house regional, national or international events while training Calgarian athletes in world class facilities.

The CMFS identified the planned redevelopment of Foothills and Glenmore Park as a perfect opportunity to build Calgary's first purpose-built fieldhouse. Fundraising attempts for this fieldhouse include a 4x100 metre relay in June where teams pay a \$2,012 registration fee to race with a celebrity anchor. The proceeds of the event will directly to fund the CMFS.

Calgarian athletes like U of C track team captain Adam Clark said he wants to train at better indoor facilities like those available in other cities. For example, Edmonton has two fieldhouses that allow track and field athletes to train in a purpose-built track and field setting.

"There is a huge temptation to leave Calgary for better facilities . . . A lot of the top athletes are leaving to places that have fieldhouses set up already," Clark said. "It's something that we are always trying to battle with, keeping the kids here."

Already having invested a large amount of time and money into the initial stages of the proposed overhaul, the plan is going back to city council in fall to discuss the next stage in the development of both parks. "The need from the university's perspective is helping to garner support from students, faculty and user groups about the need for this type of facility," Shea said.

The ultimate goal moving forward is to obtain a developing permit on the sites, although the timeline for completion is approximately 10 years for all of the various components.

The complex is presently facing rising operating costs from the aging facilities, meaning that without the overhaul, new generations of athletes will be left with fields and buildings progressively worse thanthe already financially stretched parks that exist today. These improvements would be a welcome boon, not just to the often neglected university track team, but future athletes who may now choose to stay in Calgary rather than move away in search of world class facilities.

Editor: Nicole Dionne—opinions@thegauntlet.ca

OPINIONS

Misdirected anger over proposed changes to Bill 2

Jorie Les

Gauntlet Opinions

There is a sentence that has been creating controversy in Alberta during the past few months. This sentence comes from section 16 of Bill 2, the proposed Education Act.

According to the bill, "All courses or programs of study offered and instructional materials used in a school must reflect the diverse nature and heritage of society in Alberta, promote understanding and respect for others and honour and respect the Canadian Charter of Rights and Freedoms and the Alberta Human Rights Act."

The proposed act made it through a second reading in the legislature — it later died on the Order Paper due to the announcement of the provincial election.

The corresponding clause in the School Act, which is currently in effect, sounds strikingly similar. However, instead of requiring

education to honour and respect the CCRF and the AHRA, it refers to "... the common values and beliefs of Albertans."

Some are arguing that this change will make a difference to their child's education and possibly their parental rights. The fear that parents have, particularly those who home-school their kids, is that the new wording effectively takes away their rights to educate their children how they see fit. This includes teaching their kids religious beliefs, values and convictions in addition to, or as part of, the regular curriculum.

It is unlikely that the province is trying to usurp parents' power to choose the type of education their child receives, or to prevent parents from instilling their own personal values. Yet there have been some outrageous claims made and protests over the proposed changes. Why are so many parents afraid and suspicious of this bill?

Human Rights Commissions

often act like a kangaroo court. They consistently rule against conservative or traditional values. As a result, these concerned parents don't want education to fall under the Human Rights Act and be subject to the Commission. All good in theory, except one thing — it already does. Section 1 of the HRA states: ". . . every law of Alberta is inoperative to the extent that it authorizes or requires the doing of anything prohibited by this Act."

While it might be tempting to classify this as yet another case of paranoia, some apprehension might be justified. Recently, a high school student in Nova Scotia was expelled for sporting a 'Life is wasted without Jesus' T-shirt to school, so some concern about religious freedom is warranted. But everyone would be a lot better off if they didn't panic. It can't hurt to stop and think for a minute. Rationally, that is.

This is Canada. The Charter of Rights and Freedoms is a good

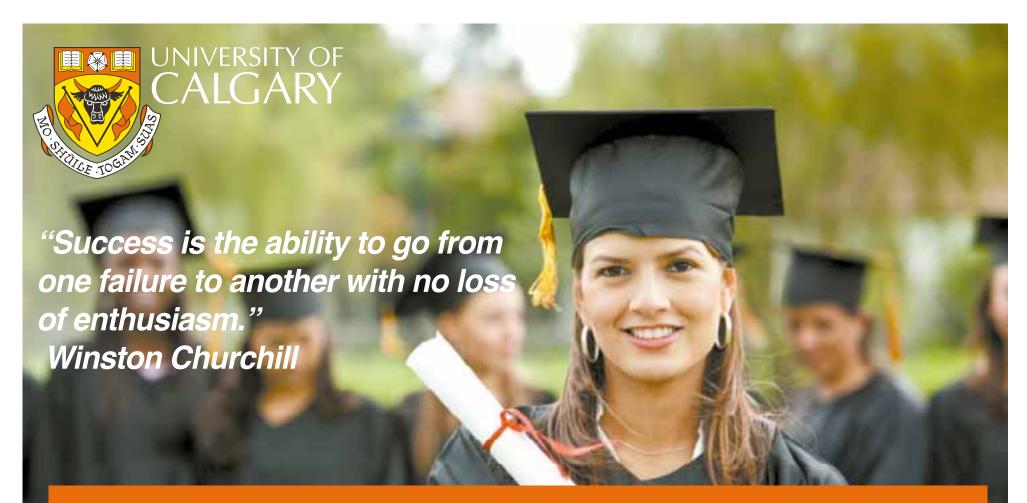


thing, as is the Human Rights Act — at least I hope we can all agree on that. Regardless, naming these statutes in the Education Act sounds more concrete than to say "the common values and beliefs of Albertans." That phrase is actually more concerning. Alberta has a fairly diverse population, so if you want to say that there are some common values that we all subscribe to within this province, I would politely disagree.

These things have a way of sorting themselves out. Even those with a conservative bent, who may



be concerned that society is running a course counter to what they believe in or value, should not be worried about the implications of Bill 2. You can't control everything, but you can control your kid's education, and Bill 2 isn't trying to change that — I think we can trust the Honourable Thomas Lucaszuk on this one. The government won't be bugging your living room and busting down the door the moment you tell your kids that God created the world in seven days — whether that's during home-school hours or not.



ARTS

Congratulations Faculty of Arts graduates of 2012! You have accomplished a great deal in completing your degree. We are confident you will go on to make meaningful contributions on your next chosen path. We wish you all the best as you embrace the opportunities and exciting challenges that lie ahead. – Kevin McQuillan, Dean

EDUCATION

It is with genuine pride we in the Faculty of Education congratulate our undergraduate and graduate students of the Class of 2012. We know that you will move into your careers with a sense of responsibility and commitment to making a difference every day. For our undergraduates, you will now enter into a profession that entrusts you with our most important asset—our children. For our graduate students, the expertise you have mastered prepares you for a wide range of career options, all with a focus on making the world a better place. Our best to all of you! – Dennis Sumara, Dean

ENVIRONMENTAL DESIGN

From single structures and urban plazas to new communities and regional landscapes we trust in your skills, knowledge and values to bring us all balance, beauty and bounty in the environments you will now help create. Very best wishes from EVDS as you begin the journey of imagining and realizing our collective well-being in the designed and natural worlds. Dr. Nancy Pollock-Ellwand, Dean

GRADUATE STUDIES

Congratulations to all students who have earned graduate degrees this year. Your research work has made a lasting contribution to knowledge in your field of study, and the advanced training you have received prepares you to be a leader, whether in research, your profession or your community. – Dr. Lisa Young, Dean

HASKYNE SCHOOL OF BUSINESS

Congratulations to the Haskayne School of Business Class of 2012! We wish you all the very best as you set out to pursue your chosen career paths. We are extremely proud of each and every one of you and welcome you to the Haskayne alumni family. You are entering a world full of challenge – but at the same time – overflowing with opportunity. This is your time to shine as new business graduates. We encourage you to step forth into your workplaces and communities with confidence. You have worked hard to gain the skills needed to be effective and successful Canadian businessmen and businesswomen and to take your place as contributing global citizens. Know that we remain here to provide whatever support you need along that journey. We look forward to hearing from you as you grow into the leaders you are destined to become. – Dr. Leonard Waverman, Dean.

KINESIOLOGY

Congratulations! You should feel proud of this accomplishment as you take the next step of your life's journey. Regardless of which path you choose, I urge you to be a leader in everything you do. With the education and life lessons you have learned in Kinesiology, I am confident that each of you can and will make a difference; I sincerely look forward to hearing and reading of your accomplishments over the years. Best wish and best of luck! – Dr. Wayne Giles, Dean

NURSING

To our nursing graduates and newest alumni: congratulations and best of wishes on your convocation from the Faculty of Nursing at the University of Calgary! We share your pride and excitement in this achievement and look forward to your leadership in health care where your talents will benefit the wellbeing of Albertans and Canadians. – Dr. Dianne Tapp,

SCHULICH SCHOOL OF ENGINEERING

You are now Schulich Engineers—the next generation of engineering leaders. Congratulations! You have worked hard to earn this prestigious degree and we are proud of your accomplishment. I look forward to hearing about your next exploits and accomplishments. I hope you will strive to make valuable contributions to society, professionally and personally. — Guy Gendron, Dean Schulich School of Engineering

SCIENCE

Congratulations Science Graduates! Convocating with a Science degree is a significant achievement which is the result of your dedication and hard work. You can be justifiably proud of your accomplishments. With your degree you now enter a new stage in your career: one that will lead to a lifelong process of learning. We hope we can play a continuing role in your lives. – Dr. Ken Barker, Dean, on behalf of all members of the Faculty of Science

SOCIAL WORK

Our best wishes and congratulations go to graduates from the Faculty of Social Work! We take great pride in welcoming you to our alumni family and ask that you stay in touch to share your successes. Your careers as social workers will be challenging, but we know that each of you will make a difference to your community. Do this by demonstrating the courage and leadership to foster real change in the lives of the vulnerable and marginalized populations we serve. – Jackie Sieppert, PhD, RSW, Professor and Dean