QUANTUM LEAP
U of C researchers chart new territory
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A CANADIAN FIRST
Pediatric chair on leading edge of neuroscience Page 5

ON A ROLL
What two U of C sports teams hope to achieve this season Page 9

BODY CHECK BLUES
Why a U of C professor is researching injuries in minor hockey leagues Page 5
Haskayne students triumph at international competition

Seventeen Haskayne BComm students have upheld a 27-year winning streak, collecting five medals in the eight-event Inter-Collegiate Business Competition (ICBC) at Queen’s University in Ontario last weekend. This year’s team won three gold medals (in finance, debate, and ethics), a silver medal (in labour relations), and a bronze medal (in management information systems).

“Every team had their best performance of the year — we are very proud of our students,” said Dr. Bob Schulz, who has been coaching Haskayne ICBC teams since the competition started in 1978. “Our solutions were by far the most pragmatic. Students clearly have the creativity, insight and strategic skills to excel in the business world.”

ICBC is the world’s oldest and largest undergraduate business case competition. This year, 31 universities from Canada, Asia, and the U.S. participated in the competition. Since the first ICBC competition 27 years ago, Haskayne business students have won a record 58 gold medals. Team members began training for the competition last April. Haskayne ranked first overall in the preliminary round and was the only school to qualify all eight case teams for the finals. In the final round, the teams were given five hours to analyze a new business case and make a 15-minute Power Point presentation on its solution.

Alumna to Run in Ward 10

Calgary’s Ward 10 has been marred in controversy over the last several months, but that hasn’t put alumnus Barry Lindemann, BComm’94, off local politics. In fact, Lindemann — who grew up in the area — has decided to run as an independent candidate in the upcoming by-election.

“For the past eight years, I’ve worked at the Canadian Paraplegic Association on projects that have improved our city for people with physical disabilities, and I’m proud of what I’ve been able to accomplish. Now I’m prepared to start working on improving the community at large,” says Lindemann, who has been a quadriplegic since a diving accident 10 years ago.

Building more barrier-free, affordable housing for people with physical disabilities is one of Lindemann’s goals, but he admits his first plan of action would be to implement a community advisory committee made up of Ward 10 citizens to help him set his priorities for the term and ensure he works on the projects they deemed most important.

The by-election will be held February 28.

Randall reappointed Dean of the Faculty of Social Sciences

Dr. Stephen Randall has been reappointed as Dean of the Faculty of Social Sciences for a final two-year term, beginning on July 1, 2005. “I believe that Dr. Randall will continue to be a highly effective leader for the Faculty of Social Sciences, and I hope that he will come with me in extending congratulations, wishing him continuing success, and offering him your support, said University of Calgary president Harvey Weingarten in making the announcement.

Randall is a specialist in United States foreign policy and international relations and has served with the United Nations in Nicaragua and in Cambodia. He was elected to the Royal Society of Canada in 1996. He holds the Grand Cross, Order of Merit, from the Ministry of Foreign Relations, Colombia. He is the former holder of the Imperial Oil-Lincoln McKay Chair in American Studies. Before joining U of C in 1989, he taught at the National University in Bogota, the University of Toronto and McGill University, where he was also the head of the history department.

— Nicole Wheatley, Leslie Strudwick and Colleen Turner

To the Point

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Your AlumNI

Diane Swiatek created a school where children thrive

By Leslie Strudwick

Walking into the brick office building on 1st Street N.W., you’d never guess you were entering the “hallowed halls” of education. And that is exactly what Diane Swiatek, BA’69, BED’71 is going for. “We provide a home education away from home,” says the founder of the small, independent Banbury Crossroads School.

Swiatek spent a few years teaching in the public system and quickly realized it wasn’t for her. She believed in a more open approach to education and wanted to move away from the uniformity and conformity she saw promoted to students in public schools. “As I see it, schooling shouldn’t be static. Plus, I wanted to give children more opportunity to make decisions about their own education.”

When she started reading about the history of education and found some books offering different philosophies, she realized she wasn’t alone in her desire for an “ideal school.” She learned how the public school system grew from industrialization and the desire to teach children as preparation for work in the factory. “One teacher/mom/many workers conceived in factories,” explains Swiatek. “For me, the concept of Banbury is to provide education on the basis of the family instead of the factory. The adults who teach here not only care about what the students learn, but they care about the students themselves,” she adds.

“This takes time, and that time is much more available in a small environment.”

Banbury is an open-school concept. Students are in small groups of varied ages. The main reason parents choose to send their children to Banbury is that they want more nurturing attention for their kids. Each class is limited to 10 students. The children are encouraged to move around the classroom. “We want the kids to move around, investi- gate, and take an active role in their own educa- tion. The teachers are more like mentors. If problems arise, the students are encouraged to solve them on their own, something that Swiatek says instills confidence and a sensitivity to others’ needs.

The school is celebrating its 25th anniversary. In 1979, Swiatek opened the doors with two students. Today, there are about 75 students who attend daily. Some of these students come from around the world to learn at Banbury. With a strong ESL program, they’ve had students from as far away as China, Germany, Colombia, and Taiwan. They also teach children from the neighbourhood. Either way, each student receives as much atten- tion, counseling, and care he or she needs to thrive. And that sounds like home.
Institute links U of C to quantum information revolution

By Greg Harris

T he University of Calgary joined a small, elite group of universities worldwide this week when it launched the Institute for Quantum Information Science, a research unit dedicated to exploring the mind-bending nexus between computer science and quantum physics.

There are currently fewer than 10 such institutes around the world dedicated to this new and growing interdisciplinary field, which is providing breakthroughs in information security and contributing to a whole new paradigm in computing.

“Quantum information science deals with information processing, information transmission and information security,” explains Dr. Barry Sanders, physicist and director of the institute. “Although most of the developments to date relate to cryptography, the fact is that we don’t yet know the full potential of quantum information science. The important thing is that it promises to be revolutionary – and Calgary will be there from the beginning.”

The Institute for Quantum Information Science brings together U of C researchers from computer science, mathematics and physics who will conduct theoretical and experimental research. The institute is expected to attract top students, significant research funding and industrial partners. It will provide an administrative framework allowing it to link with other quantum institutes, such as those at the California Institute of Technology, Cambridge University in the UK, and Canada’s University of Waterloo, which is currently the only other Canadian university with an institute of this type.

“Quantum information science could eventually lead to the development of new materials, devices or other breakthroughs that no one has yet foreseen,” Sanders says. “But with quantum computing, the development of a ‘Quantum computer’ which would be capable of massive parallel processing on a single chip, is inevitable and anywhere from 10 to 20 years away.”

“A quantum computer would be a nuclear bomb to the Internet,” Sanders says. “Right now, the backbone of e-commerce is based on encryption methods that are too difficult for existing computing technology to break. But a quantum computer could solve many of those mathematical problems that are currently impossible to crack, making the Internet insecure.”

On the other hand, scientists have also already demonstrated that quantum cryptography guarantees that data can be transmitted publicly with 100 per cent unbreakable encryption – forever.

“Even if there is an alien invasion by some species that has incredibly advanced technology, our information can be secure – at least as long as the quantum computer of the universe hold up,” Sanders says.

Quantum information researchers investigate the mysterious nano-world where particles can behave in very non-Newtonian ways. For example, current computing is based on bits and 0s. “Any of the technological improvements in computing that we see today are all designed to allow us to send more ones and zeroes down a particular channel to transmit them faster, or to be able to encrypt them so they’re secure,” Sanders says. “But with quantum computing, the ‘1’s and ‘0’s – the inputs – can be processed and correlated simultaneously, meaning an exponential increase in processing speed.”

Investors have already recognized the great potential in this field. Quantum-based computer security systems are being commercialized by companies such as BBN Technologies, D-Wave Systems, id Quantique, and MagiQ Technologies Inc.

Quantum information and cryptography is an institutional priority at the U of C, and there is already a talented group of researchers working in the area. The talent base is growing, thanks to various federal, provincial, private sector and U of C initiatives. Current faculty members who will be part of the Institute for Quantum Information Science include Dr. Richard Cleve (computer science), Dr. David Feder (physics and astronomy), Dr. Peter Hoyer (computer science), Dr. Alex Lvovsky (physics and astronomy), Dr. Karl-Peter Marlin (physics and astronomy) and Dr. John Watrous (computer science). Affiliated faculty members include Dr. David Hobill (physics and astronomy), Dr. Renate Scheidler (mathematics and statistics), Dr. Robert Thompson (physics and astronomy), and Dr. Hugh Williams (mathematics and statistics). Sanders, the director, is also iCORE Professor of Quantum Information Science.

Last spring, Sanders and his colleagues at the Australian National University captured international attention when they demonstrated how to teleport data using quantum physics. This experiment employed crystals, lenses and mirrors to produce a pair of entangled laser beams that were then used to carry fragile information in the form of quantum states.
Thank you donors

Student Emily Stevenson, donors and alumni Darryl & Peggy Proudfoot and student Nathan Cronin attended a Leadership Donor Recognition event this week to celebrate and thank donors for their generosity and commitment. / Photo by Josie Raiser

MAKING NEWS

Political science professor Barry Cooper offered his comments on the government’s deployment of the Disaster Aid Response Team (DART) to Sri Lanka recently in the Calgary Herald, saying “The chief lesson of the DART fiasco is this old one: just as you need refrigeration to prevent the peacekeeping, so, too, you need real military to prevent a disaster relief. An equivalent technology would have its own heavy airlift (e.g. C-17s that can fly to Sri Lanka or Indonesia, not transport planes that can’t) and helicopters that can lift more than half a dozen people. Ships from which to fly helicopters might also prove useful.”

Kinesiology professor Claudia Émés, an expert on aging, told the Calgary Herald that seniors with chronic illness such as arthritis, Type II diabetes and heart disease need to keep up their physical activity. “Physical activity can actually help prevent those kinds of illness, but it can also play an important role in managing one’s health if one has those presens of chronic illnesses. Even with some of the typical exacerbations of these illnesses, some exercise can almost always be helpful.”

University of Calgary political analyst David Taras said there’s nothing abnormal about the approval of Premier Ralph Klein’s latest earner job. Klein said he did the job before his meeting with the Canadian agriculture and talking to Alberta Russell.” No tax can almost always be helpful.”

Gordon Dixon, emeritus, professor of medical biochemistry at the University of Calgary, was appointed to the Calgary Regional Health Authority last summer. He was chairman from 1994 to 1996, accepting only $13,000,000 a year for his work and donating his $30,000,000 annual honorarium to the Health Authority. He explained that “this is one of the city’s most adored philanthropists, who provided leadership for, among many other ventures, the Project Motion campaign for the development of the Research Centre for Joint Injury and Arthritis, and The Partnership in Health Campaign, which raised $5,000,000 for medical health care and medical research. He was awarded the Order of Canada in 1999. McCaig was also a great friend to the University of Calgary. With his wife Ann, the eighth chancellor of the University of Calgary and a member of the U of C’s Board of Governors for 30 years, McCaig provided advice and support to numerous presidents, deans and faculty members on how the University and the Calgary region work together to build a strong, vibrant and compassionate city.”

IN MEMORIAM

U of C mourns longtime supporter

John Robert (Bud) McCaig was many things to many people. He was an entrepreneur who built Trimac Corp. from a small trucking company into a major North American conglomerate. Last fall, he was inducted into the Calgary Business Hall of Fame for his inspiring leadership and community service.

He was a volunteer extraordinaire, serving on many boards and community organizations such as the Calgary Health Trust, where he was chairman emeritus. He oversaw a major restructuring of the Calgary Regional Health Authority while chairman from 1994 to 1996, accepting only $13,000,000 a year for his work and donating his $30,000,000 annual honorarium to the Health Authority.

“Bud was more than just a supporter of the U of C, he was a member of our family. He was absolutely unstinting in his commitment of time, wisdom and leadership.”

McCaig, 75, died suddenly on January 12, 2005, at his family’s vacation home in Barbados. His connections to the University of Calgary are long and deep. In 1998, he received an honorary doctor of laws degree from the U of C and later that year a Distinguished Business Leader Award from the Haskayne School of Business and the Calgary Chamber of Commerce. He was a member of the Chancellor’s Club since 1992 and on the Faculty of Medicine Dean’s Advisory Council since 1999.

McCaig was born in Moose Jaw on June 14, 1929, and moved to Calgary in 1966. He has three children, J effrey, Roxanne and John. Ann McCaig also has three children, Roxanne, J ohn and Jane.
Prof researches minor hockey INJURIES

By Derek Sankey

The roaring cheers of fans in the stands, the state between opponents as the puck is dropped – hockey is Canada’s game, and youths across the country are playing it with everything they have. But with the thrill of the game comes the risk of injury, and debate is growing in the community about what can be done to help reduce the injury rates for children playing minor hockey.

“The whole bottom line is to get respect back on the ice,” says Ken Moore, president of the Calgary Minor Hockey Association. The organization has felt growing concern among parents, players, coaches and fans as to what age hitting should begin – until now.

Dr. Carolyn Emery, an assistant professor in the Faculty of Kinesiology at the U of C, is leading the Injury Surveillance System in Minor Hockey to track injury rates and sport participation. She hopes her team’s data will yield valuable insight into how many kids are being injured and what injuries they sustain. The data ultimately will give decision-makers the knowledge required to implement improved safety measures.

The injury reporting system involves 80 teams in Calgary from Atom level (ages 9/10) up to Midget (ages 15/16) in all skill divisions. Hitting typically begins at age 11.

“A lot of initiatives have come forward from parents and coaches in minor hockey in terms of mandating things with respect to hitting, but we don’t really have any baseline data where we go from the non-hitting to hitting situations to back up those movements,” says Emery.

What researchers already know is that there are 20,000 hockey injuries requiring medical attention province wide each year. The Alberta Children’s Hospital, which has a separate system for keeping track of such injuries, recorded 411 hockey-related injuries in 2002.

Hockey injuries have become a familiar sight for Dr. Kevin Johnson, an emergency room physician at the Alberta Children’s Hospital. He plays hockey himself, just like his son, who was recently drafted by the National Hockey League.

“The concerns about concussions in all the sports are becoming pretty obvious and hockey is a big one,” says Johnson. The immature brain is 60 times more sensitive than an adult’s brain. A second or third hit to the head or jaw could more easily result in “catastrophic second impact” syndrome where players could potentially sustain permanent brain damage.

Emery’s team will also look into the effectiveness of mouth guards, which were mandated this year in Calgary Minor Hockey.

The study was prompted by a number of people in the community who brought their concerns about injuries and on-ice violence to the attention of the Calgary Health Region. The CHR formed the Minor Hockey Injuries Committee and is working with the U of C, minor hockey associations and other stakeholders to evaluate what, if any, action needs to be taken, says Ruth Kobut, of the Injury Prevention Department of the CHR.

“It will help determine what interventions we can implement and measure the impact of those interventions,” says Kobut.

Emery says a medical form for pre-season assessment of risk factors, a weekly exposure sheet to document participation and individual injury report forms are being used in the collection process.

“We’re trying to establish that we can collect valid data on injury and participation in community hockey and then we can look at the risk factors for injury,” says Emery. The study will conclude sometime later this year.

The study will conclude sometime later this year. Now 19 months old, she is seizure-free.

Dr. Samuel Wiebe, Canada’s first Chair in Pediatric Neurosciences, paved the way for her recovery by proving that surgery is more effective than drug therapy in treating some epilepsy patients. Wiebe’s groundbreaking research, published in the New England Journal of Medicine, has meant that neurosurgeons are operating on children with epilepsy to help cure them of their seizures at an increasingly young age.

“The brain is the seed of emotions, personality, vocations and creativity,” said Wiebe. “Brain disorders not only produce physical disability but also hinder human potential. Our goal is to restore the brain to its maximum potential at as early an age as possible.”

“It is better to operate on the brain before it is ‘hard-wired’ in adulthood. A child’s brain has an amazing capacity to repair itself after surgery and continue growing. The new research chair, the Kinsmen Chair in Pediatric Neurosciences, was announced last week at a joint event held by the Alberta Children’s Hospital Foundation, the Kinsmen Club of Stampede City, the Kinsmen Care Foundation, the University of Calgary Faculty of Medicine and the Calgary Health Region.

“We are thrilled to have recruited such an outstanding clinical scientist to join our neurosciences group,” says Dr. Brent Scott, head of pediatrics at the Calgary Health Region and the University of Calgary Faculty of Medicine. “His leadership of the research team will enable children and families in our community to be the first to benefit from new discoveries and treatments.”

The new research chair was created as part of the All For One campaign for the new Alberta Children’s Hospital. It brings together a collaborative team including molecular biologists, pediatric and adult neurologists, neurosurgeons, imaging scientists, psychologists, psychiatrists and radiologists. The team meets weekly to review videos, EEG, MRI scans, nuclear medicine scans and brain function results of children suffering from brain and spinal conditions – with a focus on developing new leading-edge treatments.

“We have high hopes that the creation of this chair will mean better care for children in our community,” says Robin Stanton, president of the Kinsmen Club of Stampede City. “It is extremely rewarding to know that this team is now setting the Canadian standard of collaborative neurosciences care and innovation.”

Summer Camp Jobs in the U.S.A.

Lakeside Residential Girls Camp in Maine - Visas Arranged

Counsellors: Combined childcare/teaching. Must be able to teach a skill or more of the following: activities, gymnastics, tennis, swim, sail, canoe, water ski, arts (including stained glass, cooking, jewelry, wood, photo, dance, music, theatre, archery, wilderness trips, field sports, equitation). Service Workers: Including a pediatrian for kitchen, laundry, housekeeping, secretaries, maintenance & grounds, and kitchen supervisor.
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JANUARY 22, 2005 5
Scholars from around the world have chosen the University of Calgary as their place of choice for expanding their research and sharing their knowledge with a new community.

Their initial reasons for choosing U of C vary. Some heard about a certain program or researcher through word of mouth, others had previously established connections and a few relied on U of C's strong reputation within their academic circle. The nature of their time at U of C is very much about learning, teaching and collaborating. It is an opportunity for researchers from various cultures to get to know each other, to share their knowledge and perspectives - and for visiting scholars to take a little piece of Canadian culture back to their home university when they return.

Li Liang Xiao loves to teach

Li Liang Xiao, president of the Teaching College at Laodong University in the Laoning Province of China, is presently working on her PhD in econometrics. Xiao's background is in mathematics but her heart is definitely in teaching. "I love the teaching styles here; students can ask questions whenever they want. In China, students must stand from their seat and wait to be addressed by the teacher before speaking," explains Xiao. She is here for one year on an exchange program, going to eight classes a week and feverishly learning English at the same time.

"I'm learning so much and the professors here are so kind and patient, and the research is hot," says Xiao. Xiao is investigating the relationship between energy consumption and economic development. After returning to China in October 2005, she hopes to introduce some new teaching techniques at the teaching college where she works. "It will be hard to get students used to a new teaching model; they aren't used to that kind of freedom in the classroom. But as a teacher, I hope to help shift the teaching style; it's good to encourage students to ask lots of questions, they'll learn more this way," says Xiao.

Bang-Ook Jun wants to communicate about science and technology in Korea

Biologist Bang-Ook Jun from South Korea is a visiting scholar with the Faculty of Communication and Culture. As a plant biologist for the last 18 years at the Kangnung National University, he has become increasingly disturbed by the lack of ethics used by colleagues researching cloning techniques. "In South Korea, none of the scientists have looked at the potential dangers, social impact or the bioethics in developing cloning technologies," says Bang-Ook. Bang-Ook came to the U of C to hone his skills in communications. He wants to clearly articulate scientific ideas to help with the development of science and technology policies in his home country. When Bang-Ook returns to his home university this February, he will also continue working with a civic group with which he has been an active member for the last 10 years and whose mandate is to bring forward the concepts of democratic and responsible science to the greater public. "I've really enjoyed being here and I'm a bit sad to be heading back to Korea; life is much more competitive and difficult back home," admits Bang-Ook, who will maintain his link with Calgary by returning during South Korea's long summer vacations.
Laurent Imbert came to U of C for cryptic reasons

His main area of study is cryptography. While at the U of C, Imbert has developed research projects with the ATIPS (Advanced Technology Information Processing Systems) and the CIIse (Centre for Information Security and Cryptography) laboratories. “I’ve become a bit of a middle man, trying to connect theoretical and applied concepts from both areas, the mathematical side and the hardware side of cryptography,” explains Imbert. Imbert is interested in developing faster and more secure systems needed in these times when security has become a big issue worldwide. At the end of December 2005, Imbert will return to his lab in Montpellier, the Laboratoire Informatique Robotique et Micro-électronique, but will continue to collaborate with colleagues at the U of C.

Michael Moore shares knowledge on renewable energy

Michael Moore has left his post as chief economist at the National Renewable Energy in Golden Colorado to explore uncharted territory at U of C’s Institute for Sustainable Energy, Environment and Economy. A man of proven vision and great ideas, he comes to the U of C with a trail of success in the public and private sectors in economic analysis and research. He is excited to be here for at least one year, to share his knowledge on renewable and alternative energy markets as well as his creative approach to problem solving.

“There are great opportunities here to create something new, a new paradigm to solve energy problems, a new way of looking at energy supply and consumption, which could eventually become a national or even international model,” says Moore. Moore, boundless energy himself, Moore holds a current private pilot’s licence, is an active mountaineer and writes and illustrates children’s stories.

Moore’s mission while at the institute is to help bridge the gap between environmental concerns and emerging technologies. “Efficiency is part of that puzzle, it’s all about supply and demand,” says Moore. “He’ll be doing a lot of thinking while at U of C, and neighbouring colleagues to his office will know when he’s doing just that – thinking. I have to write-out my ideas on the blackboard as I’m working through thoughts,” says Moore. And as the chalk hits the blackboard it will resonate next door. He could have had a modern whiteboard and markers, but the blackboard has been a constant throughout his life, and he likes it that way.
Prof rebuilds wartorn cities

By Colleen Turner

A University of Calgary professor with a passion for international development has turned his attention to Serbia and Montenegro.

Dr. Sasha Tsenkova, associate professor in the Faculty of Environment and Design, is leading a team of eight international experts who this spring will present a series of recommendations aimed at creating a new housing policy framework for Serbia and Montenegro.

The project is supported under the auspices of the United Nations Economic Commission for Europe in Geneva.

“This is a passion, but also a challenge,” said Tsenkova, who has a long history of working in countries in transition develop new housing policies. She has worked in more than 15 counties in central and eastern Europe, including post-Soviet Latvia and Lithuania. She is the principal researcher of a Council of Europe commissioned study looking at housing reforms in eight Eastern European countries.

The housing sector and its infrastructure in Serbia and Montenegro has to respond to the traditional pressures associated with a transition from a centrally planned to a market economy aggravated by years of conflict, civil war and UN sanctions. Bombs have destroyed many communities, a situation worsened by poverty and the fledgling democratic process.

“Politically, it is a very challenging situation. It is a fragile democracy,” said Tsenkova. Last November, Tsenkova and the other international housing experts travelled to Serbia and Montenegro, visiting housing developments and speaking with high-ranking government officials and NGOs already working in the area.

The group is now finalizing its assessment of housing market performance and policy recommendations that will be presented in May to local and international institutions. Ultimately the study maps out a reform trajectory that will create the building blocks of a new housing system.

“The country has been torn by political and ethnic conflict,” said Tsenkova. “It has been under UN sanctions and poverty as a very big problem.”

Lives in the country of about 7.5 million people is officially estimated at 30 per cent, however unofficially, the rate is of about 60 per cent. Many Serbians remain on state government payroll, but aren’t working and aren’t being paid. The grey economy is estimated to be up to

**HOT TOPIC**

Prince Harry's decision to wear a swastika at a private costume party has stirred up controversy. In your opinion, was this incident a lapse in judgement, a lapse in accountability or just blown out of proportion?

**Douglas Peers**
Professor, Department of History

There can be no denying the fact that Prince Harry's wearing of the swastika (labelled "When Harry Met Nazis") by one columnist was a serious lapse of judgement. An action that has been justly condemned by many. At the same time, we should take note of the role played by the British media in all this. The British press has long exhibited a fascination with the lesser royals, and, in particular, they have been obsessed over the lifestyles of the male heirs to the throne. One only has to look at the newspaper coverage of the sons of George III or Victoria to see what there is a common pattern. The death of Diana, and the subsequent public outcry against the paparazzi who many felt had not only profited from but even contributed to her death, led to an unoffical truce between the press and the Royal Family.

At the same time, there can be no denying the fact that Prince Harry's capacity for undertaking in public stoked public fascination with royalty and fed the media's insatiable appetite for salacious stories of the young princes.

**Holger Herwig**
Professor, Centre for Military Strategic Studies

Youth must have its fun. Flying will have its limits. I'm not sure about five decades – on my mostly forlorn. But when you are being feted in grand style by the taxpayers of the Commonwealth, including Canada, some standards do apply. And when your family is almost purely German – mother a cross between the House of Hannover and that of Saxe-Coburg-Gotha that only changed its name to Windsor in 1917 and father a straight cross between Oldenburg and Lichtenstein, likewise changed to Mountbatten only in World War II – some case is called for. Last time I looked Hitler and his Holocaust had been discredited not to mention defeated.

**Bert Deyell**
Professor, Faculty of Communications & Culture

Prince Harry has lived in a goldfish bowl from birth. The perhaps Russian form of the modern term for vitamin A, it's a privilege, but also a challenge, said Tsenkova. Last November, Tsenkova and the other international housing experts travelled to Serbia and Montenegro for international development has turned his attention to Serbia and Montenegro.

Dr. Sasha Tsenkova

40 per cent of the GDP. Despite widespread economic difficulties and poverty, the housing tradition is to build crow and certain homes – housing construction that is more expensive than the wood frame homes also takes much longer to build. The movement to big cities for employment and opportunities has left a lot of good quality homes vacant, while in Belgrade the housing shortage is significant. Apartments sell for 90-100,000 Euro, 12-15 times the average annual salary. Tsenkova said internally displaced persons – estimated at about 500,000 – add to the challenge. “There has been a lot of conflict in Kosovo would be resolved, but everyone knows now that the Serbs and Croats from different parts of Bosnia, Herzegovina and Kosovo are not going back. Now they need to be brought and integrated among the rest of the society.”

In some parts of Serbia, people are taking matters in their own hands, and have constructed large peri-urban areas outside of major centres such as Belgrade. Refugees have built their own two- and three-storey homes that have illegally connected to infrastructure services.

It is a bottom-up approach to the problem. People are very resourceful when the state is not very helpful,” said Tsenkova.

Tsenkova's task is to provide a housing market assessment for both Serbia and Montenegro that includes a comprehensive profile of the housing sector, including the major challenges for reforms of the institutional, legal and financial framework.

The team is also working on recommendations to improve the performance and policy of the housing market. It's a tough reality,” said Tsenkova. “It's a privilege, but also a challenge.”

Dr. Sasha Tsenkova

*Compiled by Latat Ait-Awhar*

Hot Topic asks U of C experts their views on news of the week.
I’ll have High Achievers for $8,400 please, Alex

By Kirk Thurbide

Chris Mason, BSc’00 (Eng), doesn’t fit the stereotype of the introverted, pocket-protector-wearing engineer shown on TV and movies. But from a young age, he has dreamed of the day he would make his television debut.

“I remember a time where a category on Russian history came up. I was in Grade 9 at the time, and I had learned about Russian history in social studies a couple of weeks prior to this particular show. I ended up running the category and I remember my Mom being astounded. I decided at that moment that I was going to be on Jeopardy.”

His dream came true this summer when Mason appeared alongside the longest running Jeopardy champion in the show’s history, Ken Jennings.

“Playing Jeopardy against Ken was like playing golf against Tiger Woods,” said Mason of his Jeopardy experience. “Ken commented to me at the break that I was really sharp on the buzzer. Unfortunately, he was sharper in the last half of the game and easily won our match.”

Mason answered 16 right and three wrong for a second-place finish with $8,400. His appearance on Jeopardy wasn’t the first time that Mason showed his competitive side. He has competed nationally in bowling, won a Chemistry World Olympiad medal, received honourable mention for cancer research in high school, graduated at the top of his university class and earned a master’s degree in electrical engineering at Stanford University. As if he weren’t busy enough with his own achievements, Mason goes out of his way to help others achieve their own academic goals. In 2001, he co-founded Merit Academic Services, which he tutors students in math and science. “I continue to tutor because I enjoy the thrill of helping students overcome roadblocks in their studies. Tutoring is an incredibly rewarding experience. For me, this is one of the greatest feelings. I love to help students improve and gain confidence in courses that they struggle in.”

Mason is a living example of the company philosophy that students learn by attempting and making mistakes. Of the 19 questions he attempted on Jeopardy, you can bet he’ll never forget the answers to the three he got wrong.
Senior becomes avid learner

By Colleen Turner

Dance lessons and bridge with fellow seniors weren’t what Trudy Pudsey had in mind for her retirement.

And so, after years of working as an accountant with giant GWG and later volunteering with a local community centre, she enrolled in the University of Calgary’s Avid Learner’s Academy. “I decided to start with archaeology and see what happens,” said Pudsey, who has since studied anthropology and political science.

Pudsey’s return to university came several decades after she studied commerce and accounting at the University of Saskatchewan immediately following the end of the Second World War. After spending several years with the air force, where she’d been trained in payroll, Pudsey joined other veterans and took advantage of a federal government program that offered free tuition.

“I don’t remember all that much about the classes, except that we were all jammed in there. And I had to write exams. Here I don’t have to. I like that. There’s a lot of stress in writing exams."

Pudsey is one of about 100 students enrolled annually in the Avid Learner’s Academy. The program allows adults over the age of 21 to access regular university credit courses on a non-credit basis through University of Calgary Continuing Education. The courses target adults who want to learn for the sake of learning.

“Anthropology was great because it gives you an idea of what is going on in the world, and it was interesting to see how my people fit in with the rest of the world.”

Pudsey’s contemplating other courses at the university and also considering a move to Edmonton, where one of her three children live.

“I’m not sure what I want to study next,” said Pudsey. “There’s a lot out there to learn.”

One week might see Corker putting the final touches on a speed-dating event; the next, he’ll be working with students to organize a dodgeball tournament. Harvard administration defended blame for the students’ drive. “It’s not us,” said Judith Kidd, associate dean at Harvard University. “They arrived needing help having fun.”

— Reuters
Seismic waves from the massive December 26 Asian earthquake were felt in southern Alberta. “We first started to receive the seismic waves in Alberta about 16 minutes after the earthquake,” says Dr. Edward Krebes, a professor in the Department of Geology and Geophysics. “These were relatively weak waves, but they were followed by much stronger waves a few minutes later.” The earthquake was the largest in nearly 40 years and was caused when the Earth’s Eurasian and Australian tectonic plates suddenly shifted against each other in the Indian Ocean north of Sumatra.

Krebes has analyzed more than 30 minutes of seismic waves recorded by a seismograph at Waterton Lakes, which is part of the Canadian National Seismograph Network. The data were obtained with the assistance of technical staff Malcolm Bertram and Henry Bland in Geology and Geophysics.

Seismic waves are sound waves of energy travelling through the interior of the Earth. They are caused by explosions or the sudden breaking of rock within the Earth. Krebes says that he will use the historic December 26 seismogram in his undergraduate course on global geophysics.
WHAT'S ON JAN. 21 - 30

Fri., Jan. 21

6 pm VBALL: Dinos Volleyball, Women play at 6; Men play at 8. Jack Simpson Gym.

7:30 pm FILM: The Best of Banff Festival of Mountain Films. Presented by National Geographic; Dunham & The Hostel Shop. Tix: general $11, call 283-8311. Runs until Saturday, Edward-Gramatte Hall, Rozsa Centre.

Sat., Jan. 22
6 pm SPORTS: Dinos Volleyball, Women play at 6; Men play at 8. Jack Simpson Gym.

7:30 pm CONCERT: Sun 41 w/guests. Sponsored by Students’ Union & City Channel Entertainment. Tx: $29.50 at Ticketmaster. All ages. Tix: open 6:30. The Sun Centre.

Sun., Jan. 23

Mon., Jan. 24
1 - 4 pm Westgrid Research Exchange - Collaborating with Colleagues Using Advanced Technology. Speakers: Andrew Patrick, National Research Council; Maria Lantin, Banff Centre; and Daniela Sirbu, U of Lethbridge. Social Sciences 420.

3 pm EVENT: The Kula Ring (Undergraduate Anthropology Club) will be hosting Victor Reece, who uses mask, puppetry, story-telling (oral history) & songs to recount the history & tradition of the Tsimshian people. Tix: $10 at door or at the Kula Ring office (across hall from SS 854). Social Sciences 816.

8 pm JAZZ MUSIC: Hugh Fraser Quintet. Tix: adults $15, students/teachers $10 at Campus Ticket Centre. University Theatre.

Wed., Jan. 26

2 - 4:30 pm FORUM: Graduate Student. Forum. Grad students present their research on aspects of U of C. foreign languages. Info: 210-8550. Language Research Centre, CHD 420.

3 - 5 pm RETIREMENT: Reception for Louise Hamilton, Research Services, RSVP 220-4999 or visit cage.ffa.ucalgary.ca. Info: 210-8550. Language Research Centre, CHD 420.

6 pm VBALL: Dinos Basketball, Women play at 6; Men play at 8. Jack Simpson Gym.


Sat., Jan. 29
6 pm SPORTS: Dinos Basketball, Women play at 6; Men play at 8. Jack Simpson Gym.

7:30 pm DANCE: Spread Your Wings! Dance with Franz. Tix: $10; call 243-2111. University Theatre.

Sun., Jan. 30
2 pm THEATRE: Maurice Sendak's Little Beaver Live On Stage. All ages welcome. Doors open 1 pm. Tix: $34.95 at Ticketmaster. MacEwan Centre.

Panel debates the politics of Shakespeare's Macbeth

Calgary's Shakespeare on the Stage opens January 21 with four sold-out evenings of live poetry readings, panel discussions and a special screening of the 1997 National Film Board docudrama “Shakespeare’s Tragedy,” at the historic Fire Hall Theatre. The festival continues through February 3.

The panel discussion takes place January 31 from noon to about 1:15 p.m. at McNally Robinson Booksellers, 1015 14 St. SW, Calgary. The event is free and open to the public, but please RSVP Sandra Gomez by phoning 229-7440 or e-mailing sgomez@ucalgary.ca.

Panelists include Thomas Erskine, professor of English at the University of Calgary; Christopher Nelson, assistant professor of English at the University of Calgary; John G. Hafley, professor of English at the University of Calgary; and Scott B. Stinson, associate professor of English at the University of Calgary.

The event is free and open to the public, but please RSVP Sandra Gomez by phoning 229-7440 or e-mailing sgomez@ucalgary.ca.

McBeth opens February 1 and runs until the 26th. Theatre Calgary has chosen to produce “Macbeth” as part of its 2009-10 season. The company promises to be innovative, as the design concept will set the play in a pre-World War II, 1930s era. Shakespeare’s tragedy, set in the 11th century, chronicles Macbeth’s Machiavellian rise to the Scottish throne. Many scholars view it as Shakespeare's darkest work.

This is the third such event put on by the U of C Theatre and Theatre Calgary in conjunction with a Theatre Calgary education: “This promises to be a very lively and informal discussion about the politics of Shakespeare’s tragedy. We promise to be innovative, as the design concept will set the play in a pre-World War II, 1930s era. Shakespeare’s tragedy, set in the 11th century, chronicles Macbeth’s Machiavellian rise to the Scottish throne. Many scholars view it as Shakespeare’s darkest work. The panel discussion takes place January 31 from noon to about 1:15 p.m. at McNally Robinson Booksellers, 1015 14 St. SW, Calgary. The event is free and open to the public, but please RSVP Sandra Gomez by phoning 229-7440 or e-mailing sgomez@ucalgary.ca.

Compiled by Vicki Brown.