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THE UNIVERSITY OF BRITISH COLUMBIA

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This spring
10,900 students
will receive UBC
degrees

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In the news

New life in old growth forests

Carlos Molina arrived from Spain to be among the first Master's of Sustainable Forest Management graduates

Heather Amos

Highlights of UBC media coverage in April 2013

Jean Kavanagh

Existential Tylenol

There was great media interest in UBC research that found a new potential use for the over-the-counter pain drug Tylenol. Typically known to relieve physical pain, the study suggests the drug may also reduce the psychological effects of fear and anxiety over the human condition, or existential dread.

Dept. of Psychology PhD candidate **Daniel Randles** authored the study with Prof. Steve Heine and Nathan Santos. The study was published in the Association for Psychological Science journal *Psychological Science*, and advances our understanding of how the human brain processes different kinds of pain.

The study findings were covered by: **UPI.com**, the **New York Daily News**, **Yahoo News**, **The Houston Chronicle**, **MSN.com**, **Business Insider & Business Insider Australia**, **International Business Times**, **Live Science**, **The Toronto Star**, **CTV News**, **Huffington Post**, **The Vancouver Sun**, **The Province**, **Nature World News**, the **National Post**, **The Toronto Sun**, and **Gawker.com**.

Chinese foreign fisheries

Research from UBC's Fisheries Centre shows that Chinese fishing boats catch about US\$11.5 billion worth of fish from beyond their country's own waters each year—and most of it goes unreported.

The paper, published in the journal **Fish and Fisheries**, estimates that China's foreign catch is 12 times larger than the catch it reports to the United Nation's Food and Agriculture Organization, the international agency that keeps track of global fisheries catches.

Coverage included **The Guardian**, **UPI**, **the South China Morning Post**, **Asian Scientist**, **The Canadian Press**, and the **International World Fisheries & Aquaculture**.

Harmful effects of medicines

Family doctors receive little or no information about harmful effects of medicines in the majority of drug promotions during visits by drug company representatives, according to an international study involving Canadian, U.S. and French physicians. Lead author **Barbara Mintzes** of UBC's School of Population and Public Health says the same doctors indicated they were likely to start prescribing these drugs, consistent with previous research that shows prescribing behaviour is influenced by pharmaceutical promotion.

The study was covered in: **The Globe and Mail**, **CTV News**, **Time**, **The Philadelphia Inquirer**, **Canada.com**, **The Vancouver Sun**, and **WebMD**.

UBC top of the class

The New York Times, **The Toronto Star** and **The Vancouver Sun** covered the first report card assessing how much university laboratories benefit the world's poor, and the top grade, an A-, went to UBC.

The report card came from Universities Allied for Essential Medicines, a student group with chapters at schools around the world.

The grades were based on three categories: how much research is devoted to neglected diseases that affect poor countries; how much effort is made to ensure discoveries become available to the poor; and how many global health courses are taught.

Prof. Toope's departure

The announcement that Professor **Stephen Toope**, UBC's 12th president, will leave on June 30, 2014 to pursue academic and professional interests in international law and international relations received wide media interest.

The announcement by UBC Board of Governors Chair **Bill Levine** was covered by: **The Globe and Mail**, **CBC**, **The Canadian Press**, **The Vancouver Sun** and **The Province**.



Martin Dee Photograph

A hobbyist bird watcher from Spain, **Carlos Molina** completed a master's in Forestry and is moving to Prince George for work.

“Being outdoors and in nature has been the main drive that took me into forestry in the first place.”

A birder, mountaineer and backcountry skier, Spanish-born Carlos Molina is a natural for the West Coast. But it wasn't the call of the wild that brought him to B.C.—it was Europe's economic crisis.

In 2008, at the height of the financial meltdown, Molina began looking for a change. He had a degree in forest engineering from Universidad Politecnica de Madrid and was trying to get a job in the industry.

It was a bad time for any young graduate and unfortunately for Molina, the situation didn't get any better. Unlike Canada, Spain's economic crisis deepened.

“The government lowered salaries, increased taxes and cut services. Unemployment skyrocketed,” he says.

Most forestry in Spain is government operated. Molina says people were being laid off left and right, and whenever there was a job posting, he was competing with experienced foresters.

“It was just impossible to find a job. So after four years without any success, I said ‘I'm out of here.’”

Because of his training as a forest professional, Molina was familiar with B.C.'s industry. He also had a friend who had come to UBC's Faculty of Forestry for a PhD. So when he heard about a new one-year master's in Sustainable Forest Management, he applied to be part of the inaugural class.

“When I got accepted, I didn't even think twice,” says the graduate, who packed up and moved to another

continent even though it was hard to leave his country, relatives and the familiarity of home to try something new.

On his first day in Vancouver exploring Jericho Beach, Molina saw a bald eagle fly by. For a hobbyist bird watcher from Spain, he was mesmerized watching the eagle dive down and catch its dinner.

“Being outdoors and in nature has been the main drive that took me into forestry in the first place,” he says.

Molina says that finding the right balance between protecting nature and managing forest resources has always been his professional aspiration and is what he appreciated about the master's program. He's also come out of the program with the one thing he wanted more than anything else—

a job in forestry.

This May, Molina will move to Prince George to begin a career as a forester in training. His girlfriend Aitana Ortiz de Zarate is moving from Spain to join him. ●

For more information about the program: cbm.forestry.ubc.ca/master-of-sustainable-forest-management-msfm-degree

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Breaking barriers

A promising litigator, Dustin Paul aims to make a difference in the courtroom

Basil Waugh

Almost ten years after a tragic motorcycle accident, UBC law student Dustin Paul has become the first quadriplegic hired to article at Bull-Housser & Tupper, one of Canada's top legal firms.

As he prepares to graduate from UBC's Faculty of Law, the 28-year-old credits his accident—which took away the use of his legs and hands—for making his achievement possible. “Of course I wish it hadn’t happened, but at the same time, university just wasn’t on my radar,” says Paul. “I wasn’t a troublemaker, but I was on a different path. School had always been more of a social thing for me. I thought I’d work with my hands.” That changed, irrevocably, in May 2004 when his motorcycle slid off the road and flipped over on a trip to Whistler with friends. “Our plan was just to go for a nice ride, grab some dinner, and come back.” Instead, it was the start of “a very difficult decade,” says Paul, as he adjusted to life with a disability at 19. After taking criminology at Langara and SFU, where he won the Terry Fox Award for his accomplishments facing adversity, he enrolled in UBC's Faculty of Law. “Criminology was interesting, but it was more just something to hold my interest and get me out of the house during a difficult time,” says Paul, who enjoys watching Breaking Bad,

“I don’t mind being behind a desk, but the courtroom is where my strengths can have the biggest impact.”

listening to R&B, and reading in his downtime. “But law was different. I knew it would be a challenge on a variety of levels, but that it’d also give me the direction and career path that I really needed.”

This fall, Paul will become the first quadriplegic to article with Vancouver law firm Bull-Housser & Tupper. He credits trailblazing lawyers with disabilities such as Joseph Arvay and William Morely, who both practice in B.C., for paving the way. “Attitudes have come far, but a wheelchair still carries a stigma. It can be a physical or symbolic barrier for some people,” he says. “So I truly appreciate Bull-Housser’s willingness to let me show them what I can do.” Paul has emerged as a gifted litigator at UBC, racking up victories in Allard Hall’s practice courtroom and competitions. “My ultimate goal is to be in the courtroom,” says Paul. “I don’t mind being behind a desk, but the courtroom is where my strengths—my legal training and public speaking skills—can have the biggest impact.”

For assignments, Paul uses Dragon Dictation, a voice recognition software, and edits by hand later by tapping his keyboard with a pencil. For texts and emails, he uses a Galaxy smartphone on his lap. Commuting from Burnaby, where he lives independently, he has relied heavily on family and friends to drive an accessible van modified to carry his motorized wheelchair, or takes transit.

Paul is looking ahead to graduation with hope and excitement—a stark difference from 10 years ago. “Honestly, for the first time in long while—longer than I’d like to admit—I am genuinely excited about life and about my future,” he says, acknowledging his parents’ unwavering support. “I can’t wait to see the careers of my friends and classmates unfold. Life is trending up for all of us.” ●

Dustin Paul is one of 176 students graduating from UBC's Faculty of Law on March 25. Learn more about UBC Law at Allard Hall: www.law.ubc.ca and UBC Access and Diversity at www.students.ubc.ca/access.



Martin Dee Photograph

UBC law grad **Dustin Paul** will be the first quadriplegic lawyer at Bull-Housser & Tupper.

A hunger for more

Emily Grainger was part of a turnaround team, and she’s not ready to stop winning

Heather Amos



Martin Dee Photograph

For university hockey fans, the Cinderella story of the year was the turnaround season of the UBC women's hockey team. The Thunderbirds rebounded from the previous season's last place finish to take the Canada West title and make their first ever appearance at the CIS championships.

“We opened our season with a victory and we got on a role and just wanted to keep it going,” said defenceman Emily Grainger from Sooke, B.C.

The Tbirds went from a single win in 2011-12 to a 17-7-4 record in the 2012-13 season.

“It may have seemed like a magical story but we fought tooth and nail for it,” says the graduating kinesiology student. “We really wanted to prove that we were better than the results showed the year before.”

The team approached the 2012-13 season with a sense of renewal. They had a new coach, some high profile recruits, and a chance to make a fresh start. Their commitment to improvement extended beyond the ice. They set an academic goal to boost the team’s average GPA and increase the number of Academic All Canadians—a designation given to varsity athletes who maintain an 80 per cent average or higher.

“No one player stepped up and took control. It was everyone trying to be their best at every game and at every practice.”

For Grainger, the highlight of the season was the Canada West championship game. UBC was playing the CIS-defending champions the Calgary Dinos and Canadian hockey hero Hayley Wickenheiser. The team won the deciding game and the title by a score of 5-2.

It was the first championship of any sort for UBC women’s hockey since the team began CIS play in 1997. At the national championships, the Tbirds had one victory and finished fifth overall.

Grainger is optimistic that this year’s success was not a fluke. She says that in the five years she has been playing, the sport has improved across the league—the hockey is faster, there are more international players and the goaltending is much better.

“I think that women’s hockey is poised to become another UBC sport powerhouse,” she said. “It’s something people can look forward to and get excited about.”

With her undergrad and varsity hockey career behind her, Grainger is still figuring out what’s next. She’s hoping to start a master’s of physiotherapy, and she may be playing in on the newly formed Canadian Women’s Hockey League.

“After this season, I’m not ready to stop. I feel like I’m just coming into my prime.” ●

Kinesiology graduate **Emily Grainger** was part of the women’s hockey team that rebounded from a last place finish in 2012 to win the Canada west title in 2013.

EDUCATION HAS ITS PRIVILEGES



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A secure future

Brazilian dentist Marcio Barros worked as a campus guard before earning Canadian credentials

Brian Lin



Marcio Barros rescued a kidnapped Christmas tree as a campus cop before earning his degree at UBC.

Marcio Barros never gave much thought to the violence around him growing up in São Paulo, Brazil, even when his own dental practice was twice broken into and robbed.

That is, until it threatened the safety of his young family. "When I was single, I was used to all the violence, thinking if I was careful it wouldn't affect me," says Barros, who comes from a family of dentists and worked as an orthodontist for 15 years in Brazil. "But after my wife, who was pregnant with our first son, was robbed at gunpoint in 2002, we decided it was time to look for a better place to live."

The irony isn't lost on him when, after moving to Canada to pursue an international dental degree, he had to make ends meet by working as a UBC

security guard, patrolling campus and monitoring security cameras.

"I needed a job but also time to study," says Barros, adding that the four-day-on, four-day-off schedule allowed him to prep for entrance exams into UBC's Faculty of Dentistry while his staff status qualified him for tuition credits.

Fortunately, the most unruly incident he had to deal with during his tenure as a campus cop involved a kidnapped evergreen.

"Some students stole a 12-foot-tall Christmas tree as a prank, and we later found it at a frat house," recalls Barros, who left the job in 2011 to study full-time and is graduating this month with a Doctorate in Dental Medicine.

"UBC was a great employer and I made great friends at Campus Security.

"We have [security] staff with a variety of backgrounds. But Marcio was our first dentist."

Everybody supported my pursuit for a better life here and cheered me on."

Although international dentists can now take the National Dental Examining Board of Canada exam to practise in Canada, Barros says he's grateful for the additional training he received at UBC. The two-year International Dental Degree Completion program is extremely competitive, admitting only a

dozen students a year.

"We have a state-of-the-art clinic and were trained in the latest materials and techniques. It was amazing," says Barros, whose practice in Brazil focused on orthodontics but will now expand to include general dentistry.

With an offer to join private practice, Barros is looking forward to raising his two kids in Kamloops, B.C. (his second son was born shortly after arriving in Vancouver). His Campus Security boss says Barros will be sorely missed.

"We have staff with a variety of backgrounds—bankers, scientists and even a graduate in archival studies," says Campus Security Associate Director Paul Wong, who was Barros's manager. "But Marcio was our first dentist." ●

Advocate for her people

For former Chief Leah George-Wilson, law school was natural choice

Simmi Puri



Leah George-Wilson has tried to help younger aboriginal law students succeed.

In 2007 when a punctured pipeline owned by Kinder Morgan leaked oil in Burrard Inlet, members of the Tsleil-Waututh First Nation, led by Chief Leah D. George-Wilson, were immediately on the ground for the cleanup. "My role as Chief was to ensure that the titles and lands of our people are protected, that our voice is heard, and that our concerns and issues are not brushed aside," explained George-Wilson, who graduates from UBC Law this May. George-Wilson and members of her band were soon at the negotiating table with Kinder Morgan to discuss a protocol agreement. Since the spill, Kinder Morgan has financially contributed to the on-going resourcing

of the region's Marine Stewardship Program. Implemented by the Tsleil-Waututh, the program funds pollution assessments of Inlet waters and salmon enhancement initiatives. George-Wilson was the first woman to be elected Chief of the Tsleil-Waututh First Nation, a position she held from 2001 and 2003 and again from 2005 and 2009. Prior to this, she worked with the community in various capacities including serving on the BC Treaty Process negotiating team. Law school was a natural career path for George-Wilson, who had spent the last 18 years finding equitable and constitutional ways to protect the rights of the Tsleil-Waututh within their traditional territory. In 2009, she decided to take an educational leave from her

George-Wilson was the first woman to be elected Chief of the Tsleil-Waututh First Nation.

duties and soon joined UBC Law. "As a mature student, I really tried to help the younger Aboriginal students," she said. "In many cases, law school is a completely different environment from where they came from. It's like its own world. I wanted to make sure that other First Nations students didn't feel alone." George-Wilson was an active member of the Indigenous Law

Students Association and also sat on the admissions committee. "I provided feedback on the Aboriginal applications that came through. There was always a lot of discussion around admissions and I brought what I thought was important to consider from an Aboriginal perspective." Currently, George-Wilson is articling with the West Vancouver-based law firm Ashcroft and Company where she can continue her work with the First Nations community. Remembering her time at UBC, she says, "It was an enriching and enlightening experience. I never thought I would say I would miss law school, but I miss it. I don't miss churning out papers and sweating out exams, but I miss the camaraderie." ●

Cultivating ecosensitivity

Poet Sonnet L'Abbé turned from civil engineering to the field of environmental philosophy

Paul Marck



Brain Stem

Strong neck the channel through which your roots become branches. Strong neck the trunk through which your impulses flow, tides of perception and reaction. You are a battery of cells, positive of material, anti-positive of nervous potential. You are a dyad of bunches of waving branches and bundled branches, of bunches of searching roots and rooting roots. The spine of your decision-making: a flexible stem of tension between head and heart. You, a moving tree that grows in more dimensions than knowledge: in knowledge's reach, yes, in its span, but also, if you are lucky, in wisdom's rootedness, in its pithy density. Your risked neck's bark has become thickened to injury, and lifts above its veiny heart a tender head of power—its stem ever spring-fond, ever fall-wise—a grey-green cauliflower that loves light.

By Sonnet L'Abbé

Sonnet L'Abbé explores the language of plants with unabashed gusto.

Call her a champion of plant poetics, wielding a scythe to shear down barriers between the humanities and sciences. Sonnet L'Abbé is on a mission, an eco poet in bloom. Graduating with a PhD in English Literature, she fuses poetry with plant science in a bid for literary distinction. "An award-winning poet with two published volumes of work, L'Abbé explores the "language of plants" with unabashed gusto. "Why are we moved by looking at pretty flowers or majestic trees? Why are we then moved by poems about trees?" asks L'Abbé. "The sense of calm or awe gained from paying attention to nature is physical. "I had a question about what poetry does in a biological sense, and I hypothesized that analyzing plant-human hybrids in literature might tell us something about how we imagine the relationship of human being to a larger concept of nature." L'Abbé situates her work in the emerging field of Critical Plant Studies, a branch of environmental philosophy that focuses on understanding the way humankind relates to plants. Her PhD

focused on the writings of the late American poet Ronald Johnson that explores metaphors for plants and people. L'Abbé taught creative writing and poetry at the Okanagan campus this year, challenging students to find their emerging voice as writers through a series of group presentations called The Plant Intelligence Project. "If science is the discourse that separates everything into its categories, poetry uses metaphor to blend those categories back together, making us think about how we order our world," L'Abbé observes. After first trying out civil engineering, she switched to university arts. "I felt I could be a more effective leader by inventing ideas and ideals rather than inventing technology," says L'Abbé. "I feel that is where I want to be as a leader. I want to create Canadian culture." After receiving her degree, L'Abbé will write full time and pursue a variety of cultural projects. This spring she won a Canada Council Grant to Professional Writers that will help her complete the collection of poems entitled *Sentient Mental Flower Book*.

"I felt I could be a more effective leader by inventing ideas and ideals rather than inventing technology."

"We live in times where it is difficult to be creative and take imagination and art seriously," says L'Abbé. "Being creative is its own treasure. Any practice, including creative practice, nurtures the bushy dendrites of your brain into its unique shape." Working with CBC Radio and Via Rail on a project called 2017 Starts Now that looks ahead to Canada's 150th birthday, L'Abbé will soon embark on a six-week cross-Canada tour to interview Canadians about national identity, and will blog and create poetry about her journey. ●

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Trading up

After helping a Sauder investment fund outperform the market, Daria Panteleeva is headed for London's financial district

Andrew Riley



Mark Mushe Photograph

Sauder grad **Daria Panteleeva** was hired by Goldman Sachs after outperforming the market with a \$5-million stock portfolio.

After helping a Sauder investment fund outperform the market, **Daria Panteleeva** is set to start trading billions in a new job at the heart of the financial services industry.

When Panteleeva moved to Vancouver from Moscow to pursue a BCom at the Sauder School of Business, she had no idea that managing a \$5 million portfolio of investments would figure so largely in her academic life.

Nor could she have predicted that this training would place her on a trajectory towards one of the most sought after jobs in world of high finance.

With four years of study behind her, she's now set to take a seat at the centre of the global financial market—a trading desk at Goldman Sachs in London's financial district.

"It isn't close to the action. It is the action," explains Panteleeva about her new job as a trader. "There is no way to get closer to the market."

You might think she would be nervous about the prospect of trading billions of dollars at one of the world's most powerful investment banks, but Panteleeva is taking it in stride. She's already polished off internships at Deutsche Bank in Moscow, Merrill Lynch in Toronto, and Goldman Sachs in New York.

"It's a fast paced environment and extremely stressful because you are taking risk all the time. It's not for everybody," she says, but her smile reveals that it is most definitely for her.

Panteleeva is graduating as one of a select group of finance students who qualified to be a member of Sauder's UBC Portfolio Management Foundation (PMF). Started 26 years ago, the two-year extra-curricular program puts students in charge of a real portfolio of stocks and bonds, currently valued at about \$5.8 million.

"The risks are real and we are given the freedom to make mistakes and learn from them," she says.

During the year Panteleeva took the lead managing the fund, it outperformed

a market benchmark composed of the S&P/TSX Composite Index, S&P 500 and DEX Universe index by five per cent. That's an 11-per-cent return on investment. Goldman Sachs was impressed.

But the PMF students aren't left completely to their own devices. They're supported by a network of Sauder finance professors and 17 advisors from the financial services industry around the world—most of whom are Sauder alumni.

It's these mentors who make the

"It isn't close to the action. It is the action" explains Panteleeva about her new job as a trader.

program a transformative experience, says Panteleeva. She credits her success to mentor Tracey McVicar, a former PMF student who is Managing Partner of the Vancouver office of New York firm CAI Private Equity.

Above all of the tactical guidance she provided in navigating the market, Panteleeva says there is one thing McVicar said that has stuck with her. "She said that we're not in this business for one week and that we can't be focused on short-term profits. You have to maintain client relationships with a long-term perspective. Relationships are what this business is built on. If you lose those, you lose everything."

It's this core value that Panteleeva says she will hold on to most dearly when she pulls her chair up to her desk at Goldman Sachs this July as the phones ring off the hook, the computer screens flash, and the trades begin to fly. ●

Getting a head start

Will Guest is the youngest grad of UBC's MD/PhD program. He's also in line for his first patent

Brian Lin



Martin Dae Photograph

Will Guest is looking forward to a career in medical research.

At an age when most of his peers are still finding themselves, Will Guest will add the letters M.D. and PhD to his signature—and soon a patent to his name.

This month, the 25-year-old will become the youngest graduate from UBC's combined MD/PhD program, having started at 19 and completing it a year sooner than usual.

After skipping fifth grade and taking university math courses while still in high school, Guest graduated from the University of Manitoba with degrees in physics and biochemistry and had to decide in which direction he was headed.

"At the time, only University of Toronto and UBC offered MD/PhD programs, and I was more impressed with the quality and organization of the program here," says Guest, who admitted that his

younger brother's well-timed admission to UBC's undergraduate program in geophysics also nudged him towards the west coast campus.

Now, an algorithm Guest formulated with his mentors, neurologist Neil Cashman and physicist Steve Plotkin, is patent-pending and shows promise in aiding the development of diagnostic tests for neurodegenerative disorders such as amyotrophic lateral sclerosis (ALS, also known as Lou Gehrig's disease) and Creutzfeldt-Jacob disease (the human variant of bovine spongiform encephalopathy, also known as mad cow disease).

"At present there are poor diagnostic tests and therapeutic options for both diseases," says Guest. "Patients are diagnosed at late stages when they

experience motor deficits or rapidly deteriorating dementia—and in some cases only after death.

"By figuring out the molecular mechanism of these diseases, we could catch them early on, and also identify new potential targets for treatment."

Guest's algorithm searches for regions in a protein that become exposed when it misfolds, creating a sort of "handle" that an antibody can latch onto. It is currently being tested by Cashman's spin-off company, Amorfix Life Sciences.

Described as "mathematically gifted and scientifically creative" by Cashman, a world-leader in prion disease research, Guest exudes a humble confidence that only comes from really knowing your stuff—and how much there is yet to learn.

"It's hard to not let research become your life, but ultimately total immersion is often what it takes in order to make meaningful contributions."

CALL FOR APPLICATIONS

Dean of the Faculty of Graduate and Postdoctoral Studies, and Vice-Provost, Graduate and Postdoctoral Studies, The University of British Columbia

The University is seeking a new Dean of the Faculty of Graduate and Postdoctoral Studies, and Vice-Provost Graduate and Postdoctoral Studies at UBC Vancouver. Reporting to the Provost and Vice-President Academic, the Dean and Vice-Provost, Graduate and Postdoctoral Studies, is responsible for providing leadership for graduate and postdoctoral studies at UBC Vancouver, including long-term strategic planning, quality assurance, and academic development, in collaboration with the Deans, other academic leaders, and a variety of service units. The Dean and Vice-Provost is responsible for all graduate programs and postdoctoral appointments at the University, and for leading the Faculty of Graduate and Postdoctoral Studies. The Dean and Vice-Provost is a strong proponent of academic excellence, with knowledge of, and experience working with, international academic networks; is an advocate within the university for graduate and postdoctoral studies and for UBC's diverse community of graduate students and postdoctoral fellows, shaping policy and practice in this area of exciting changes within and around UBC.

CANDIDATE PROFILE

THE APPOINTMENT
This five-year appointment will ideally commence on July 1, 2013 and is renewable once. This search is internal to UBC.

QUALIFICATIONS

- 1. Academic Record:** Has an exemplary record as a researcher and educator; is expected to hold a full professor appointment at UBC. Preferably, the candidate will have knowledge of, and experience working with, international academic networks.
- 2. Commitment to Excellence:** Has high academic standards and an active, evident interest in quality assurance and focus on quality, with demonstrated understanding of disciplinary diversity in the achievement of excellence in programs, attracting diverse talent from around the world.
- 3. Commitment to graduate and postdoctoral studies:** Has a high level of commitment to, and is an advocate for, graduate student education and graduate and postdoctoral research; will have a personal depth of experience in research and supervision of graduate students; is focused on the graduate student and postdoctoral experience as a critical part of UBC's academic, international, and workplace strategies.
- 4. Leadership:** Has demonstrated effectiveness in leadership, graduate supervision, and education; demonstrated diplomacy and persuasiveness as a leader; is comfortable and effective in a leadership role implementing and collaborating on the key opportunities and challenges of the Faculty. Initiatives will be aligned with the strategic priorities of UBC as found in "Place and Promise: The UBC Plan".
- 5. Administrative Experience:** Has prior administrative experience in a leadership role in a department, unit, or Faculty. Ideally, the administrative experience will have involved work across disciplines and a focus on graduate education. The candidate should bring experience on major cross-campus committees and have a strong appreciation for the diversity of research, educational, and scholarly activities at a major university. The candidate must bring strong organizational administrative skills, and understand how to make internal processes in a university more effective and efficient.
- 6. Interpersonal Skills:** Has strong interpersonal skills, able to build trust and understanding with others, and is a collaborator who is able to work in a highly interactive and productive manner with leaders across the university in the support of graduate students, postdoctoral fellows and graduate programs and research. The candidate should demonstrate wisdom, fairness, and accessibility in mediating and resolving complex disputes related to graduate students and postdoctoral fellows, demonstrating skills and knowledge to engage productively with diverse groups.
- 7. Innovation:** Is a strategist with an entrepreneurial spirit, and a visionary who is able to take graduate and postdoctoral studies to new heights at UBC.
- 8. Communication Skills:** Has strong communication skills; is an effective listener and communicator in both individual and group settings.
- 9. Inter-cultural Understanding and Diversity:** Demonstrates an inter-cultural understanding and a commitment to equity and diversity, in scholarship, teaching, employment activities, and community engagement.

Applicants should submit current CV and letter of interest by Thursday, May 30 to: provosts.office@ubc.ca or by confidential fax at 604-822-3134. The complete position profile may be found at: www.pacacademic.ubc.ca

Questions may be directed to David Farrar, Chair of the Selection Committee, c/o Mary Hayden at: mary.hayden@ubc.ca

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.

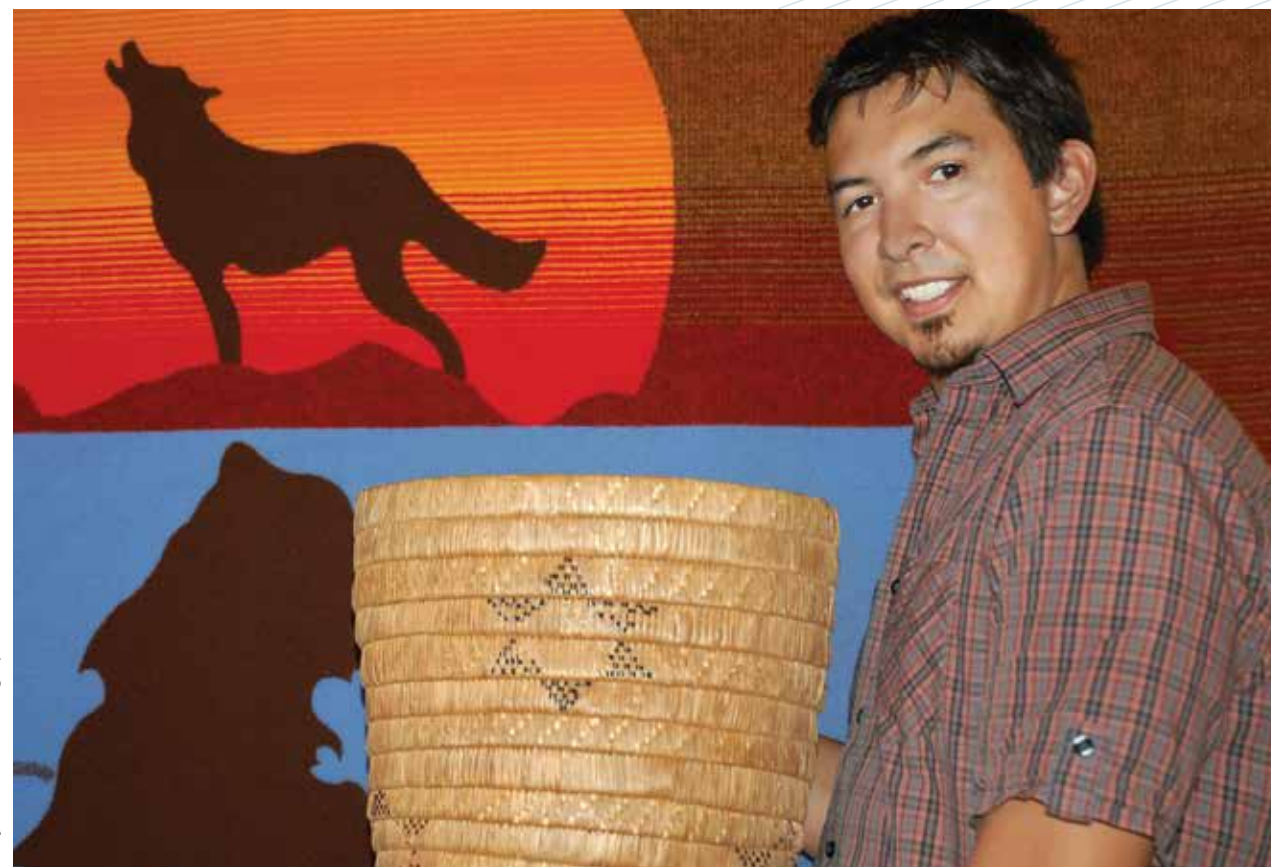
Revision: April 18, 2013

 a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Access to success

Jordan Coble is among the first Aboriginal students to graduate from innovative program

Patty Wellborn



Jordan Coble now works as a curatorial and heritage researcher.

Seven years after high school graduation, Jordan Coble knew he wanted a career, not just a job.

Luckily, someone suggested he check out the new Aboriginal Access Studies program at UBC's Okanagan campus.

Coble, a member of the Westbank First Nation, was one of the first students to register in 2007, and this June he expects to cross the stage at convocation with his bachelor's degree in Cultural Studies.

"I wasn't the greatest high school student," Coble admits. "I knew I was smart enough to do well, but I didn't have a very good work ethic or the skills to apply myself. The program really showed me what I needed to do to succeed and helped me establish my own study patterns."

In January he began work as the curatorial and heritage researcher at the Westbank First Nation's heritage office and repository.

Aboriginal Access is designed to provide Indigenous students with a solid foundation as they are introduced to university studies. Adrienne Vedan, director of Aboriginal Programs and Services, stresses the importance of providing holistic support for student academic and social success.

"The program provides an opportunity for students who might not have been able to attend post-secondary," she says. "Each student brings a unique skill set with them and we build upon those skills to ensure a successful transition from their first year of studies into their degree programs."

Once enrolled, students take three first-year university courses per term. They earn prerequisites they might not have, and gain admission requirements for programs in line with their long-term academic goals.

In partnership with the En'owkin Centre in Penticton, Nsyilxcen, the Okanagan language, is offered along with Indigenous Studies and Aboriginal perspective options such as Math 126 and English 114. The program also incorporates cultural activities such as smudges, visits from Elders, and other social events.

Initially, Coble thought he would pursue a degree in English. But when UBC's Faculty of Creative and Critical Studies introduced the Cultural Studies degree, he registered for the program and never looked back.

"I knew I wanted to study, but didn't really have a clear direction. And now I am working at a place where I can use all the skills I've learned. Every day I use my research capabilities and my writing skills and I have videography and

"I knew I wanted to study, but didn't really have a clear direction. And now I am working at a place where I can use all the skills I've learned."

media skills that I use all the time."

From just a few students in 2007, the program now has 154 students. Of these, Vedan says 73 per cent have remained in post-secondary studies. At UBC's Okanagan campus, students have transitioned into various degree programs including Arts, Sciences, Fine Arts, Management, Human Kinetics, Social Work, and Education.

While the growth is exciting, Vedan says the real reward is seeing students succeed. Joining Coble at convocation this June will be three other Aboriginal Access Studies graduates from the faculties of Arts, Management, and Social Work. ●

Playing the numbers

Business grad and tech startup CEO
Dustin Sproat scores NHL interest with hockey app

Basil Waugh



Former hockey player and Sauder MBA grad **Dustin Sproat's** app connects NHL players and their fans.

Dustin Sproat's professional hockey career may be over, but he's still attracting NHL interest thanks to an app he created for hockey players and fans.

Sproat graduates this month from the UBC Sauder School of Business. His transformation from hockey player to tech startup CEO stems from roots in professional and Ivy League hockey—which he played for more than a decade. And he's had a lifelong interest in business.

During his 16-month MBA, Sproat created Shnarped, a social networking app that lets professional hockey players and fans connect with each other and track statistics across leagues. The name comes from a popular card game hockey players often play on road trips, popularized—according to hockey

lore—by Vancouver Canucks legend Harold Snepets.

"Hockey players have friends on teams and leagues around the world, and Shnarped helps them to connect," says Sproat, who likens the app to an interactive hockey card complete with Twitter feeds, messaging platform, game trackers and live stat updates. "And it gives fans a better way to follow and interact with their favorite hockey players."

With more than 220 players from the NHL and its minor leagues on board—including Stanley Cup-winning goalie Jonathan Quick and Edmonton Oiler Sam Gagner—a new version of the app will launch in the Apple store this fall. Sproat is set to pitch the app on CBC's *Dragon's Den*, and he's in talks with the

Vancouver Canucks and Edmonton Oilers to potentially tailor the platform to enhance the fan experience.

For Sproat, who attended Princeton on a hockey scholarship before playing three years in the minors are winning the ECHL championship with the Cincinnati Cyclones, the opportunity to fine-tune Shnarped with Sauder professors and classmates has been invaluable.

"I can't say enough about the experience—everyone has been amazing and so generous with their time and ideas."

In his spare time, Sproat helps run Hockey Players for Kids, a charity he co-founded to promote literacy.

"We share personal stories and give them a six-week reading challenge,"

says Sproat, who received a chemical engineering degree from his Princeton days.

"The kids go nuts. They read an astounding number of books, and the winners get to play in a floor-hockey game with pros. The whole school shows up. It's amazing."

After graduation, the Red Deer, Alberta, native plans to stay in Vancouver, crediting its natural beauty and growing technology sector.

"I've learned a ton with my first start-up experience. With these new skills and the great resources available here, I feel Vancouver is a great place for me long-term." ●


**Visit the Shnarped website: www.shnarped.com.
Hockey Players for Kids: hp4k.org**

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Gothic literature meets science

Natasha Reby, first interdisciplinary PhD at the Okanagan campus, finds Victorian era's hidden connections

Paul Marck



Poking around old manuscripts and researching dusty archives helped Natasha Reby unravel the mysteries of the Victorian era. She sought new insights by blending her study of Gothic literature with the history of modern psychology for her PhD dissertation.

Scholars have long linked Victorian culture and Gothic literature, says Reby. But what interested her was a growing societal fascination at the time for testing the boundaries of reality—spirits, séances, mediums, and psychic curiosities. Victorian-era scientists quietly examined these to understand the capacities of the human mind, while at the same time denouncing spiritualism as charlatanry.

"Everyone thought that scientific discovery, the study of spirits and what has evolved into modern psychology were somehow related," says Reby, "Especially in the late 19th century, both science and literature were exploring that gray area at the same time."

Reby expects to be the first interdisciplinary PhD graduate from the Faculty of Creative and Critical Studies at UBC's Okanagan campus. She studied Gothic and Victorian influences with the Dept. of Critical Studies and pursued the history of psychology through the Irving K. Barber School of Arts and Sciences.

She initially investigated the literary trend of multiple personalities, hypnotism and hysteria such as found in Robert Louis Stephenson's *Dr. Jekyll and Mr. Hyde*. That Victorian boffins culled ideas from Stephenson's work lent credence to the notion that literature not only disseminates information, but contributes to the discussion.

"I'm really looking at those phenomena that suggest there is depth to the psyche, that what is on the surface is really only a small part of the true story."

Reby's research received a major boost when she obtained a research grant from the Bakken Museum and library in Minneapolis to examine its extensive collection of original Gothic documents and books.

"There is this very clear connection between science and literature, things far removed from the humanities and cultural studies," says Reby. "I'm really looking at those phenomena that suggest there is depth to the psyche, that



Natasha Reby investigated the literary trend of multiple personalities, hypnotism and hysteria.

what is on the surface is really only a small part of the true story."

Jodey Castricano, a professor during Reby's undergraduate days at Wilfrid Laurier University, encouraged her to pursue graduate studies. When Castricano joined UBC's Okanagan campus in the Dept. of Critical Studies, Reby contacted her to do a PhD.

"Natasha has a passion for the world of ideas and the ability to think them through and make them her own. It takes a scholar with that flexibility of mind to discover the affinities and make those connections," says Castricano.

Reby is considering post-doctoral study but says the classroom is where her ultimate future lies. She plans to be among those leading a new era of academic collaboration.

"The trend in the humanities moving towards interdisciplinarity is really exciting," says Reby. "Every kind of idea draws upon a matrix, it's not just a linear development. It tends to look a little more like a family tree with lots of branches."

Wisdom Tettey, Dean of the Faculty of Creative and Critical Studies, says Reby has blazed the trail for current and future doctoral students, her work epitomizing the faculty's approach to exploring and understanding the complex dynamics of our world. ●

Seize the moment

From international study to campus leadership, Tim Krupa makes the most of university

Paul Marck



Tim Krupa was recently voted most likely to change the world in a UBC Reports online contest.

Ask Tim Krupa how to make a difference and the conversation turns to leadership.

The graduating science student at the Okanagan campus was recently voted most likely to change the world in a UBC Reports online campus contest.

Krupa believes changing the world is a team effort. Guiding people along a path where their individual efforts contribute to making a difference is how to effect seismic change, says the 21-year-old from Kelowna.

"That ability to check your ego at the door is the first thing you need to do to be an effective leader," says Krupa, who expects to graduate with a BSc degree in Biology from the Irving K. Barber School of Arts and Sciences at June's convocation.

Wanting to understand what makes children happy, Krupa spent the past two summers in Zambia, developing soccer programs and studying happiness with youth.

Krupa already has plenty of experience in questioning, informing himself, and helping shape positive change. He has been both a student member of UBC's Board of Governors and the Okanagan Senate.

"My life at UBC has been an incredible learning experience. I have not only

enjoyed a superior academic education, but I now have an idea of how the business of the university functions."

Krupa's grasp of the world—and how to change it—also spans the globe.

Wanting to understand what makes children happy, Krupa spent the past two summers in Zambia, developing soccer programs and studying happiness with youth. Supported by both an Irving K. Barber International Education Travel Subsidy in 2011 and an Irving K. Barber Undergraduate Research Award in 2012, Krupa consulted Associate Prof. of Psychology Mark Holder, whose research focuses on the science of happiness.

Deborah Buszard, deputy vice chancellor and principal of UBC's Okanagan campus, says Krupa embodies the pinnacle of student excellence at UBC and his sense of values set a great example for others.

"We are justifiably proud of Tim Krupa's accomplishments and contributions at UBC," says Buszard. "Tim has a brilliant future and we can expect to hear much more from him as he furthers his education and embarks on a career that will no doubt benefit the greater good."

Asked to project where he will be in five or 10 years, Krupa says it is too early to tell. But he'll begin by pursuing a master's degree in political science at UBC's Vancouver campus this fall.

"I'm a policy wonk," he says. "My goals are on the horizon. I think leading change and crafting policy on a Canadian scale would be a dream come true."

The support of family—his parents, brothers and sister—have contributed to Krupa's accomplishments and desires.

"All of my family members have had the ability to build upon their successes and they have been my personal inspiration." ●

#ChangeTheWorld

The inaugural UBC Reports Most Likely to Change the World contest received 45 nominations from students, faculty and staff across both campuses. The five finalists garnered more than 1,100 votes.


The finalists were:

Nursing grad **SARA EFTEKHAR** (Faculty of Applied Science) is a volunteer and activist who has made a difference in nine countries. Between advocating for global health on Parliament Hill and empowering Iranian-Canadian youth, Eftekhari finds time to volunteer locally in Vancouver's Downtown Eastside and an Aboriginal community in B.C.. Her accomplishments have been recognized with a Queen Elizabeth II Diamond Jubilee Medal, a YWCA Vancouver Young Woman of Distinction award, and a prestigious fellowship from former British Prime Minister Tony Blair.

SHANNON GREENWOOD (Faculty of Medicine) made the sacrifice of uprooting her family from Haida Gwaii to pursue an education in midwifery so that women wouldn't have to leave their traditional territory to give birth. An advocate for "well-women" care that addresses all stages between conception to birth, Greenwood is excited to bring birthing back to Haida Gwaii and to help improve health care in this primarily First Nations region.

From a refugee camp in Malawi to the DJ booth at CTR, **YASIN KIRAGA** (Faculty of Arts) has shared his experience to inspire others. The Burundi student was selected from more than 300 World University Service of Canada Student Refugee Program applicants to study at UBC. Kiraga has immersed himself in the local community, contributing to STAND UBC, UBC Africa Awareness Initiative, and the Canadian Red Cross Society. He hopes to pursue a career in International Law to address human rights issues and continue to serve the communities around him.

While conducting research in Cambodia, PhD graduate **SARAH YOUNGBLUTT** (Faculty of Arts) advocated for better understanding of regional poverty issues, and integration of the landmine history in the country's archaeological excavation process. She established a non-profit organization (searcheologies.org) with four UBC professors to support the Royal University of Fine Arts in Phnom Penh. Their first 20-foot freight container of donated laboratory equipment and books was delivered last fall. She is at the forefront of opening up a chapter of human history that has been locked behind the doors of war and poverty.

A photograph of an elderly couple standing on a balcony with a black wrought-iron railing, looking out over a vast blue ocean under a clear sky. The balcony is part of a building with a terracotta tiled roof. The scene is bright and sunny, suggesting a peaceful retirement lifestyle.

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