

**THE
UBYSSEY**

**MEN'S &
WOMEN'S
HOCKEY
— P. 12**

**HOW TO MANAGE
YOUR MONEY
— P. 4**

**BEYOND
WORDS
— P. 9**

**TISSUE
PRINTING
— P. 6**



EVENTS

// THIS WEEK, CHECK OUT...

THURSDAY / 25

HARVEST FEAST

4:30 - 7:00 P.M. @ MAIN MALL
UBC and AMS chefs are partnering with the UBC Farm to bring a sustainable "community dinner" to Main Mall. There will be white linen tablecloths, candles and performances from UBC Music students. Student tickets are \$18.



FRIDAY / 26

UBC HOCKEY OPENER

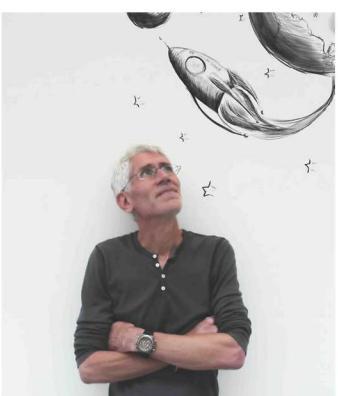
7:00 P.M. @ FATHER DAVID BAUER ARENA
Come support T-Birds Men's Hockey in their first home game of the year. The team is facing off against the 2014 national champions, the Alberta Golden Bears. Tickets are \$2 for UBC students with valid ID.



THURSDAY / 25

SKI & BOARD TOFURKEY / LOCAL'S PRO SALE

THURSDAY 8:00 A.M. - FRIDAY 6:00 P.M. @ BETA THETA PI HOUSE
Stock up on gear for the upcoming snow season at discounted prices (60-95% off retail.) It's also a good chance to meet up with other skiers and boarders and sort out some ride shares for the season.
Free; buy what you want.



ON THE COVER

The Pharmaceutical building is sooooo cool.

-Cherihan Hassun (photo)
Space rockets and yeast. This is what we came up with.
- Julian Yu (illustration)

Want to see your events listed here?

Email your events listings to ourcampus@ubyssey.ca.



OUR CAMPUS //

ONE ON ONE WITH THE PEOPLE AND BUILDINGS THAT MAKE UBC



PHOTO CHERIHAN HASSUN / THE UBSESSY

31-year-old Michael Griffin is an assistant professor who specializes in ancient Greek philosophy.

Bold and brilliant: Michael Griffin is one of Canada's youngest profs

Leo Soh

Contributor

Contrary to pop culture portrayal, professors are not all grey-beards with wrinkled skin whose purpose in life is to bore students in lectures. In fact, UBC is home to one of the youngest full-time professors in the country. Assistant professor Michael Griffin, who teaches Greek classical philosophy in the Faculty of Arts, received his PhD at age 26 — eons before the average age for the American PhD graduate. Currently, he is only 31. Who is this outstanding individual? What is his story?

Well for one, he is an alumni of the campus. Griffin completed the University Transition Program, which provides a transitional experience to young students who want to accept the challenge of early entrance to university. At age 15, he was sitting in a lecture hall, much like the numerous students who currently attend UBC.

"I started at UBC in 2000, and it was because I was really attracted to the Department of Classical, Near Eastern & Religious Studies here. Getting a sense for all the aspects of culture in one department was something that excited me," Griffin said.

Then why, you may ask, did Griffin choose to pursue Greek philosophy — infamous for its ability to put students to sleep?

"In the last few years of my degree, I came to feel that philosophy was most alive and relevant today. I came to think of philosophy as a method of exploring ancient revelations. Philosophy is about the rules, the grammar of imagination, and a good way to train our imagination to see things in new ways."

After completing his undergraduate degree at UBC, Griffin went on to complete his master's degree and doctorate at Oxford University as a scholarship student. During his time in England, he gained insight into the British college system, which he felt was different from the environment at UBC.

"Oxford has this college system which is something that makes the university scale feel smaller. Instead of thousands of people, you're in a college with 300 people," said Griffin.

This more intimate experience with post-secondary study left a lasting impression on Griffin, who is now trying to bring the type of interactivity and dialogue employed by the college system to UBC.

As a researcher, Griffin's specific area of expertise is translating ancient texts into a language that 21st century researchers can understand and utilize.

"One example would be the idea of inertia. It was recently shown to have been developed by a Greek philosopher in 6th century AD, centuries before it was previously thought to have been developed," Griffin said.

"...I feel like I've found my place in being an educator. Everyone finds, through their imaginations, a place to stand and change the world ... for me it's higher education. What I'm most excited about now is working on a project to understand how coursework in the humanities and the classics can foster citizenship skills, like empathy ... how Arts work could do more than just pass on the content."

In regard to advice for students, Griffin said this: "No matter what anyone says, if you find something you love — cliché as it sounds — stick to it, because you will be good at the things you love in ways no one, even yourself, can foresee yet. And if you're good at something, you'll find a way to support yourself by doing it. I think you can make a good life of it."

"Other places I would be employed by one department: classics or philosophy," Griffin explained.

His impact on this campus has been nothing if not positive. Griffin teaches in the program which sparked his academic career, sharing his passion for Greek philosophy with current students of the Transition Program. Also, he is the current professor in-residence at Totem Park. When asked why he subjects himself to a lifestyle prone to the negative aspects of dorm life, he replied, "It's a way of getting into human scale, face to face interaction. There is a chance for students and faculty to actually talk to each other." Griffin is invested in making personal connections with other residents of Totem Park — so don't be afraid to strike up a conversation over dinner.

The campus enjoys his presence, but does Griffin also relish teaching at UBC?

"Yeah, I feel like I've found my place in being an educator. Everyone finds, through their imaginations, a place to stand and change the world ... for me it's higher education. What I'm most excited about now is working on a project to understand how coursework in the humanities and the classics can foster citizenship skills, like empathy ... how Arts work could do more than just pass on the content," he said.

In Vancouver, Griffin is right at home. "I was born here and I felt really lucky to come back here. They call UBC 'a place of mind' and it's in a really unique place. It has Asia and the Pacific on one hand and America and Europe on the other. For a global citizen, Vancouver is the perfect home."

THE UBSESSY

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So how did he end up here, at UBC? Griffin considers himself to be lucky; there happened to be an opportunity for a teaching tenure at UBC when he was on the job market, searching for a teaching position. Also, he found that he could pursue both of his passions at once: Greek classics and philosophy.

SCIENCE »

UBC prof sending yeast into space for genetics research

Will McDonald
Coordinating Editor

A UBC professor is sending yeast into space.

Associate pharmaceutical sciences professor Corey Nislow will be sending 6,000 variations of yeast aboard the International Space Station to study the affects of reduced gravity on genes.

According to Nislow, yeast has long been used for genetics studies, as it goes through a new generation every 90 minutes, allowing scientists to do the equivalent of long-term studies in a short period of time.

"You can get a very nice global view of how all the genes on the cell respond to a particular insult. You're probably think that has nothing to do with space ... but space represents a unique environment," said Nislow.

Nislow said the team is able to manipulate individual genes in yeast allowing them see the effects of reduced gravity on each genetic variation. At the end of the experiment, the researchers will use "genetic barcodes" they have mapped to see how each variation reacted to the different environment in space.

"It's pretty clear to us that we don't know a lot about the basic biology of how cells and organisms respond to the environment of microgravity," said Nislow.

Nislow said cells produce reactive oxygen when in low gravity environments, which can cause damage. He pointed out the toll reduced gravity can take on astronauts in space — they can often lose up to 40 per cent of their bone density in a matter of months.



UBC associate professor Corey Nislow is sending yeast into space.

PHOTO CHERIHAN HASSUN/THE UBYSSEY

"Before we send these people on such long missions, I think we owe it to them to have ... at least a core biological sense of that environment."

Nislow said that beyond interests in how microgravity affects astronauts, the research could have applications on the ground in a variety of areas including cancer research.

"The best insights often come when we understand how to exploit what the cell has already figured out how to do," said Nislow. "For example, if we figure out how cells deal with reactive oxygen, we can

amp up this process to lessen the damage or exacerbate the production of reactive oxygen to encourage cancer cells to kill themselves."

The team of researchers will also be replicating the experiment here on Earth, but Nislow said the circumstances in space create a lot more controlled and well planned research — which is essential when it costs \$25,000 to send a pound of material on the International Space Station.

"Failure is much less of an option when you're sending experiments to space ... you have

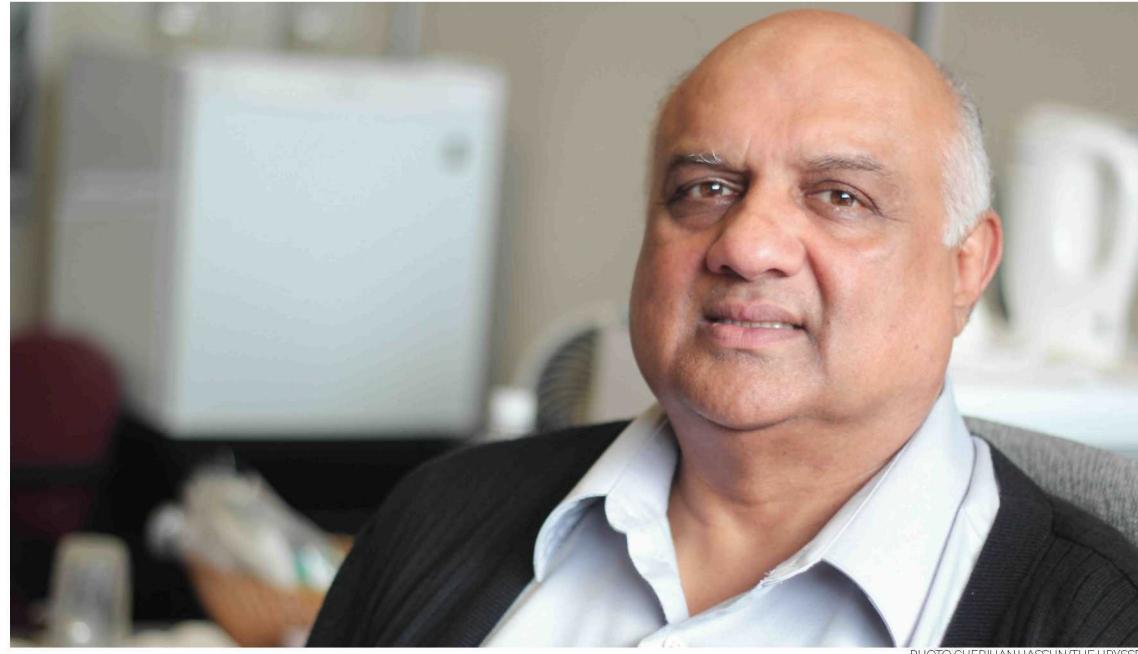
to control every variable ... and that's just been one of the unanticipated benefits in that it forces you to spend a lot more time," said Nislow.

Nislow said the data from the study will require long-term analysis, but he expects some initial results to be apparent by March 2015.

"You sometimes think that all the big questions have already been answered, and this is a great case, I think of how ... there's so much more that we have to learn," said Nislow.

ECONOMICS »

UBC prof explores the balance of power in economics



Why Gender Matters in Economics draws on data from past studies to explore how gender influences financial actions.

Mischa Milne
Contributor

Why does the gender pay gap still exist for the vast majority of jobs? How can gender relations contribute to a more equitable corporate environment?

UBC economics professor Dr. Mukesh Eswaran recently completed a book that seeks to answer these very questions. *Why Gender Matters in Economics* explores the factors that contribute to gender disparities in the global economic system. By covering topics such as the differing behaviour of men and women in eco-

nomic situations and the balance of power in the household, the book aims to be a comprehensive examination on the economic wellbeing of females.

The idea for Eswaran's book came approximately ten years ago, when he was teaching an economics course and noticed that there was a dearth of literature about the role that gender plays in economics.

"Back in 2002 or 2003 I started teaching an undergraduate course called 'Women in the Economy,'" said Eswaran. "I started looking around for textbooks and was really surprised because there

weren't many that covered the topics I wanted to teach."

Eswaran also noted that the majority of existing economics textbooks deal with women's employment and participation in the labour force, but do not go farther beyond that. He wanted to write a book that would be accessible to all students who have taken courses in the basic principles of economics and bring them up to date in terms of the current research in economics on gender issues.

"The book is about economic conditions that impinge on the wellbeing of women, not just in the developed world but in the

developing world as well — and the conditions can be very different," said Eswaran.

According to Eswaran, each chapter begins with a question and then examines the empirical evidence and existing theory behind gender disparities.

The book also discusses data compiled from academic papers on economic studies done under laboratory conditions. One study featured in the book is called the Dictator Game, where participants were each given \$10 and allowed, but not required, to give some of it to a hidden and anonymous partner. Women on average gave away \$1.61, while men gave away \$0.82.

Additional experiments mentioned in the book found that women would negotiate harder when they were working on behalf of others rather than themselves, and were more likely to initially co-operate in a group setting rather than employing opportunistic behaviour.

As such, Eswaran will be using his book to teach about the ways that gender roles and social dynamics affect the economic environment in his 'Women in the Economy' course next semester.

"Economics has a great deal to contribute to our understanding of the well-being of women," said Eswaran. "However, since behaviour is determined also by social interactions, laws, religion, culture, psychology, and biology, one needs to study how these interact to produce the economic behaviour of women and men. It's not enough just to study economics."

ACTIVISM »

UBC students hold flash mob in protest of Canada's ebola response



PHOTO CHERIHAN HASSUN/THE UBYSSEY

Mariam Baldeh
Contributor

Students from the School of Population and Public Health (SPPH) held a doctors-versus-Ebola virus flash mob race around campus on September 23. The event, principally organized by Nicole Markwick, an MP candidate at UBC, aimed to raise the profile of the Ebola issue and incite political action and a greater response from the Canadian government.

Participants met up in the lobby of the SPPH building, with one individual dressed up as the Ebola virus and the remaining participants dressed up as doctors in lab coats and paper syringes. Armed with whistles and noisemakers to draw attention, the 'doctors' then proceeded to chase the 'Ebola virus' from the SUB to the REC centre and finally to Irving K. Barber, while periodically yelling "We're coming for you, Ebola!"

With major calls to action by the UN and Doctors Without Borders not being matched by international response, the event aimed to get the word out that Canada, with its ample financial and medical resources, needs to step up its game for dealing with this epidemic.

"In no way are we trying to trivialize [the issue] at all," said Nicole Markwick, the principal organizer of the event. "In fact, what we're trying to do is overcome this incredible apathy and media burnout by putting a different spin on [the issue]."

Sally Lin, another organizer, also said that flash mob was intended to raise awareness of the urgency of the health crisis.

"More people are dying, and at a much faster pace, so we [Canada] need to move at a faster pace as well," said Lin.

Markwick and Lin have managed to get friends at McMaster and Guelph on board with holding their own flash mob race on Tuesday. They have also been trying to reach out to other universities across Canada.

"Ideally, what we want is to get the whole country involved, but people [at the various universities] are definitely aware and want to contribute," said Lin.

Suud Nahdi is a recent UBC graduate who played one of the doctors in the race. According to Nahdi, the event is supposed to start conversations about how to increase response to the disease.

"The event is about raising more awareness and showing people what they can do [to get more involved]," said Nahdi.

Lin also said that she hopes the event will inspire more people to protest for a bigger response to the outbreak.

"We want to get the momentum going so we're starting this now, but it's not the end," said Lin. "It's not over until the outbreak is over."

Student Finances and Budgeting

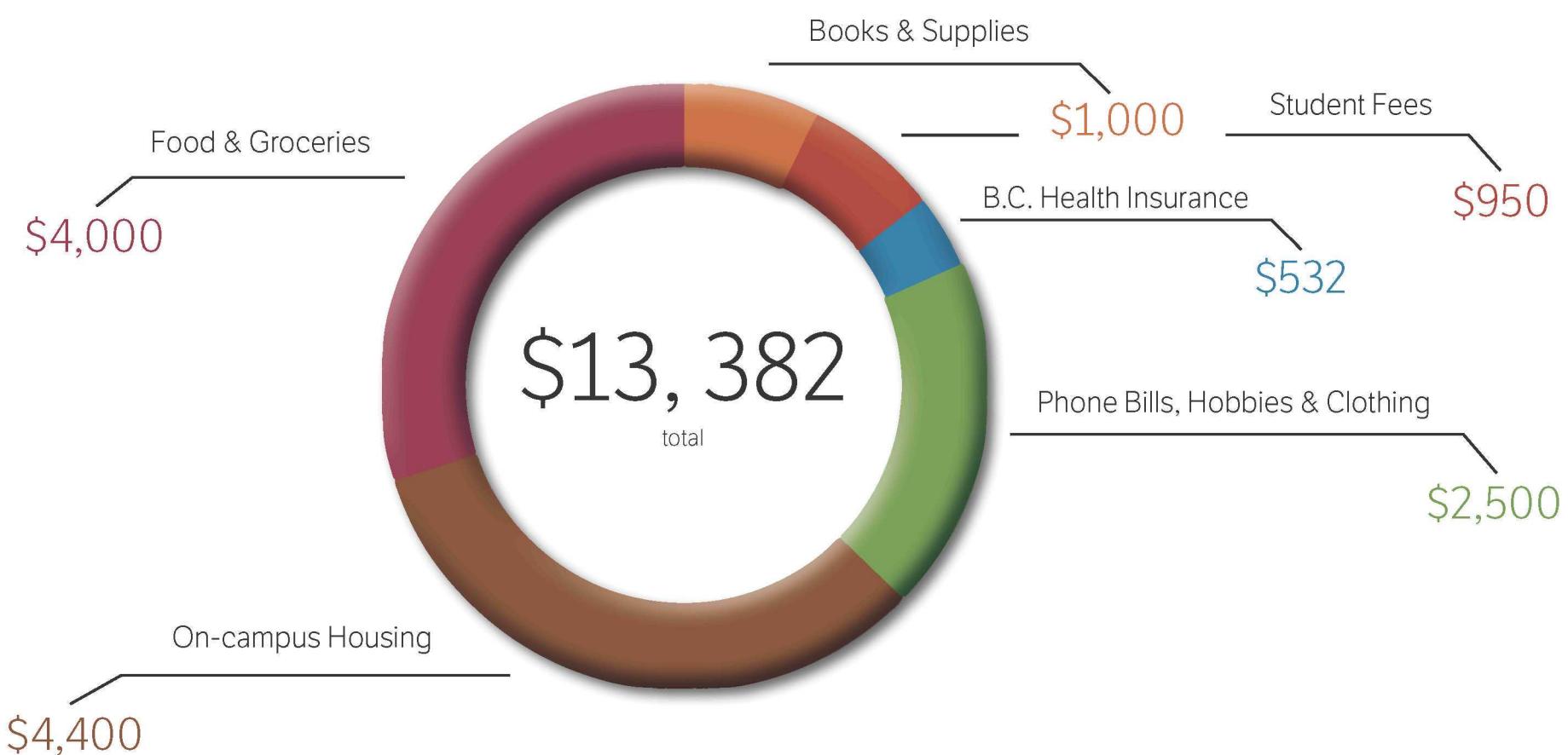
One of the truest stereotypes of university students is that the vast majority of us are strapped for cash.

Thankfully, UBC has a policy stating that no Canadian student will be prevented from attending the university for financial reasons alone, so that's good news for a big chunk of prospective undergraduates. But what happens when wallets start to hollow out during the school year? And more importantly, how can students avoid going broke?

We talked to a UBC Enrolment Services Professional about all the concerns that come up for students early in the year when dealing with payments, budgeting and general finances. Here's what we found out.

One Year

The average cost of a single year at UBC



Early in the school year, some of the most frequent concerns students are bringing to Brock Hall are the ability to meet tuition and fee deadlines, student loan troubles, and housing payments concerns, according to Enrolment Services Professional (ESP) Cheryl Tyler.

Average undergraduate tuition payments for a full course load vary roughly from just over \$4,800 upwards to a whopping \$28,000, depending on year level, program and whether you're a domestic or international student.

Dealing with these sums, along with the extra costs of student fees, living expenses and school supplies among many others, is difficult for any student to manage.

Most domestic students pay for their schooling with a combination of familial contributions, savings, work pay and student loans.

Naturally, not all students are able to juggle their finances at the beginning of each semester. If you're taking out student loans, but aren't able to pay tuition on

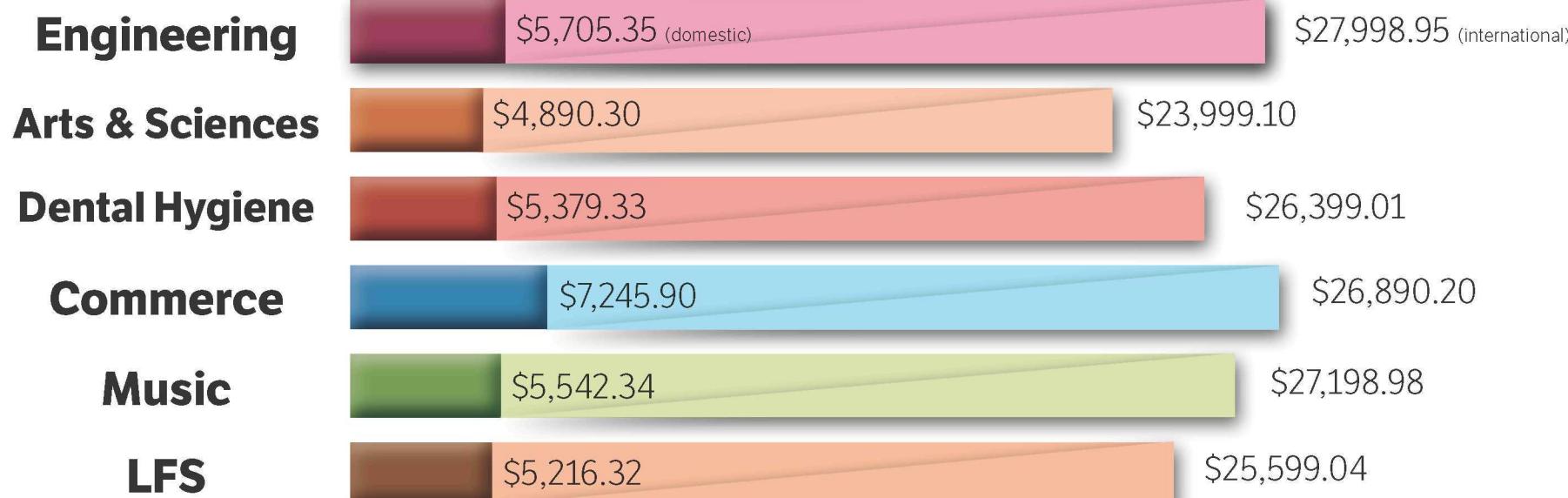
time, Enrolment Services offer a number of options to solve the issue.

"We encourage students to apply [for Canada Student Loans] no later than about July 15th," said Tyler. "If we see that students have done that, we can give a one-month deferral [of tuition payments]."

It can take up to six weeks for student loan applications to be processed, and money is usually received in the first week of classes. If assessments by the loan provider do not meet a stu-

Tuition comparison

International costs are almost 5 times domestic



dent's financial need, ESPs can go through the application and find any possible errors. If there are none, "often it's a matter of going back and having a chat with family," said Tyler.

For students who do not meet their deferred payment deadline or didn't apply for loans by the recommended summer date, the repercussion is being put on "financial hold," which results in a \$35 late payment fee charge and restricted access to their Student Service Centre (SSC) accounts.

"At that point, students are also prevented from changing their registration," said Tyler.

"Loans are not a 'nice to have,'" said Tyler, "they're a 'no other option.'"

"We don't want students to take on more classes if they're having trouble paying for the ones they're registered in. It's meant to be a means to prevent them taking on more than they can manage."

In the event of a student being put on financial hold, UBC Enrolment Services are also unable to release transcripts or diplomas to the students in question. If a student's account is on hold for over a month, monthly interest is charged on the initial late payment fee. As soon as tuition and fees are paid in full, the hold is lifted and students are able to

access their SSC account.

But how do you make your payments if you don't have the resources?

Tyler suggests looking into scholarships, bursaries and non-government student loans.

"Loans are not a 'nice to have,'" said Tyler. "They're a 'no other option.'"

Tyler also said that students should not rely on funding options that aren't guaranteed. Other options include trying to decrease your course load or finding part-time work — but only if your schedule allows for it.

"Your priority is school," said Tyler.

Enrolment Services recommend students connect with the Centre for Student Involvement and Careers through the Work Learn program, which offers students with part-time career-building positions that fit their school schedule. Work Learn position postings can be found on UBC Careers Online, an online student and alumni job board.

Overall, Tyler recommends that students plan out their budgets far in advance of the school year.

Dealing with stress

Recommended resources to avoid wallet weight loss

Maximum loan period (non-doctoral)

80 months

Maximum student loan (non-doctoral)

\$320 per week

"All of us [at Enrolment Services] would encourage students to contact their ESP with any financial concerns," said Tyler. "We're here to help students with things like budgeting, financial planning for the year and understanding what their options are for funding beyond student loans or family assistance."

When cash gets tight, it's easy to feel overwhelmed with how expensive going to university really can be. Unexpected costs are around every corner, and the best way to be prepared for every penny you'll spend is to thoroughly budget for your semester.

UBC's Wellness Centre offers drop-in peer guidance. According to Centre coordinator Veronica Marchuck, Wellness Peers are always available to chat about stress caused by finance troubles, help you set financial and work goals and refer you to mental health resources to soothe your fiscal worries.

It can be incredibly useful having help budgeting for the school year, as second year Science student Eric Chung can attest to.

"I'm always worried that I will run out of money halfway through the term," said Chung. "Even though I try to keep a balanced budget of what I spend as I go through the school year, it's difficult to not go over budget at some point

"There are options [all over UBC] that you can use to piece together your overall financial puzzle."

in the month. After tuition, books, rent and food all factor in, there isn't very much spending money left over."

The Wellness Centre and Enrolment Services both offer assistance and advising for student financial planning. UBC Counselling Services and AMS Speakeasy are also available to help students deal with the stress that comes with tough budgeting.

"I'm just starting to get used to the idea of balancing studying with financial planning," said Janet Wang, a first year Science student. "But I will definitely be considering using the resources that UBC offers if I start to feel overwhelmed in the years to come."

According to Tyler, UBC Enrolment Services' online cost calculator, which is found on the Undergraduate Programs and Admissions website, is students' best tool for realistic budgeting for school year expenses. The calculator rounds figures up and provides detailed estimates based on a full course load to help students properly plan their expenses, while leaving some wiggle room for anything not accounted for.

Whatever financial concerns students have, Enrolment Services encourages students to let their ESP be their first point of reference. □

Contacts:

Find your Enrolment Services Professional on the Student Service Centre website

Personal Info > UBC Contacts

UBC Wellness Centre
IKB Room 183
604.822.8450

UBC Counselling Services
Brock Hall Room 1040
604.822.3811

AMS Speakeasy
SUB 100B
604.822.9246

Enrolment Services
Brock Hall
604.822.9836

SCIENCE»

UBC biotech startup aims to print living human organs

Aspect Biosystems is hoping to start 3D printing organs in 10 to 15 years

Veronika Bondarenko
News Editor

A group of UBC researchers is striving to bring printed organs out of the science fiction and into the everyday.

Co-founded by UBC electrical engineering professor Konrad Walus and several graduate students, Aspect Biosystems is a biotechnology company that creates living human tissues through 3D printers.

In order to print these human tissues, different types of cells are combined, suspended in the liquid form of hydrogel and fed into a printer that solidifies and positions them in a 3D space.

Tamer Mohamed, who is one of the company's co-founders and a UBC masters student, said that the ultimate goal of the company is to eventually be able to generate human organs in the same way.

"Layer by layer, we build up these 3D structures," said Mohamed. "And we layer these cells in a 3D arrangement and we culture these cells and then they form networks and then ultimately generate physiologically relevant tissues."

In the same way that these printers currently use cells to generate tissues, the cells of an organ such as a heart or a lung could potentially be replicated to create an entirely new organ.

Simon Beyer, UBC PhD student and fellow company co-founder, said that despite the difficulties of creating organs that can be accepted by

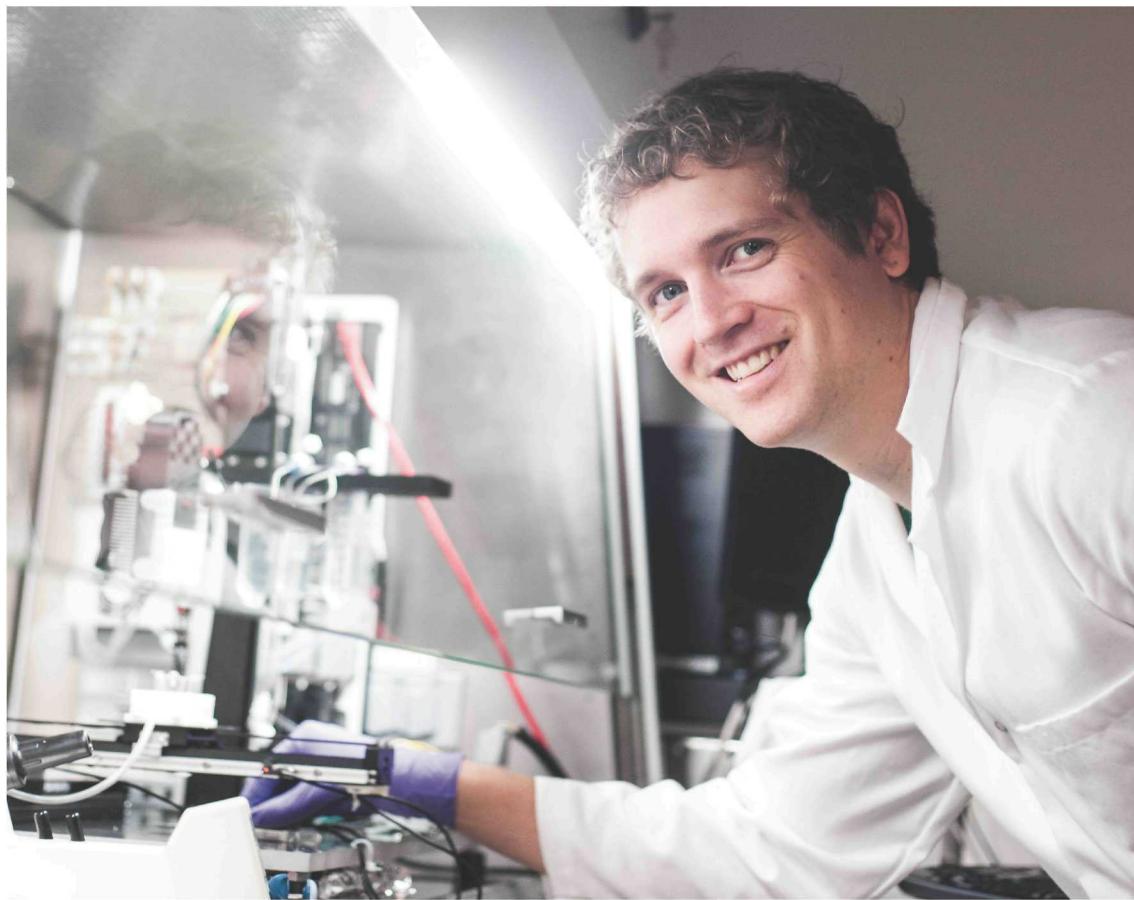


PHOTO MACKENZIE WALKER/THE UBYSSEY

PhD student Simon Beyer is using 3D printers to create human tissue cells. the human body, this can soon become a reality.

"Our strategy right now is, we see all these early business opportunities for this technology," said Beyer. "At each one of those stages we're developing that technology more and more and getting closer

and closer to building actual organs while also being able to sustain the business."

But even though the possibility of printing organs in this way is still at least 10 to 15 years away, Aspect Biosystems is already finding many other

uses for these high-tech printers, including the ability to create human tissues for pharmaceutical drug testing.

"Our initial target market is drug discovery," said Mohamed. "We want to build these 3D tissues that can be

used to enable the development of new therapeutics or potentially allow pharmaceuticals to reassess drug candidates that they may have discredited."

As the demand for printed tissues grows, Aspect Biosystems expects to make headway in the development and testing of pharmaceutical drugs. The company has already secured their first client and will be supplying tissues to them in the upcoming months.

According to Beyer, one of the major advantages of being able to print human tissues is the ability to shift away from animal testing.

"I think there's a general motivation in society and the industry to stop using animals," said Beyer. "If we can draw out a replacement for it, that's one of our goals."

Aspect Biosystems has recently won second place and a prize of \$55,000 at the BCIC New Ventures Competition, a months-long contest on business technology development. For now, the company has plans to continue improving on the technology that will one day make it possible for them to print human organs.

"Our goal is to provide the drug discovery market in producing these tissue models and develop our printing and technology," said Mohamed. "In the meanwhile, other fields are being developed that extend on that technology and both have the final end of that long term vision of printing organs on demand."

SCHOLARSHIP»

Four UBC professors named Royal Society of Canada fellows



PHOTO MACKENZIE WALKER/THE UBYSSEY

Dr. Michael Richards was chosen to be a Royal Society of Canada fellow.

Veronika Bondarenko
News Editor

Four UBC professors are receiving the highest academic recognition in the country.

The Royal Society of Canada has announced that seven UBC professors and one post-doctoral fellow will be formally recognized at their annual banquet and Induction and Awards Ceremony on November 21-22 in Québec.

Harvey B. Richer, Mark MacLachlan, Michael Richards and David Wilkinson will be inducted as fellows of the RSC, which is considered to be the highest scholastic honour in Canada.

Richards, who is Professor of Anthropology and Associate Dean of Research and Graduate Studies, said that the news of being selected came as a total shock.

"It is a wonderful honour to receive, and in academia there aren't many chances to hear from your colleagues that they like the research you do, so that is really rewarding," said Richards.

As part of his scholarly work, Richards focuses on the field of archaeological anthropology and analyzes how human diets have changed over time.

The peer-nominated accolade will also extend to one professor from UBC Okanagan, John Kli-

ronomos. Kliromenos is the first professor from UBCO to receive this award.

"It's a sign of their development as a research campus," said John Hepburn, Vice President Research & International. "John's election to the Royal Society of Canada indicates that the research that's going on at UBC Okanagan, at least in a few of the laboratories, is of a standard that's the best in Canada."

UBC's David Granville and Karen Bakker were also selected into the inaugural membership of the RSC College of New Scholars, Artists and Scientists, which is a separate accolade intended to recognize the accomplishments of scholars at early stages of their careers. Postdoctoral fellow Dr. Kanna Hayashi will also be presented with the Alice Wilson Award for her research on addiction and HIV treatment in Vancouver.

As an Institutional Member of the RSC, UBC has a storied legacy of fellows inducted into the society. Over the past five years, the number of inductees has ranged between two and seven on any given year.

But Hepburn, who is himself a fellow of the Royal Society of Canada, hopes to see that number increase in the upcoming years. Richards also expressed a desire for this award to serve as an opportunity to increase public interest in UBC research.

"I hope with all of these awards this year it is a chance to showcase some of the really interesting and exciting work that is happening at UBC," said Richards.

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COME BY OUR EDITORIAL OFFICE
SUB 24, FOLLOW THE SIGNS



Call for Nominations Killam Teaching Awards

Every year the Faculty of Science awards five Killam Teaching Prizes to acknowledge excellence in undergraduate teaching and to promote the importance of science education. Professors, instructors or lecturers appointed in any of the Faculty of Science's departments and units are eligible. Students, alumni or faculty members are welcome to submit nominations, including a brief supporting rationale, to:

bchan@science.ubc.ca
Please include "Faculty of Science Killam Teaching" in subject line

Term 1 Deadline
October 11
Term 2 Deadline
January 15

For more information, including nomination criteria, visit science.ubc.ca/killam

UBC Science



ILLUSTRATION JULIAN YU / THE UBYSSY

LAST WORDS //

PARTING SHOTS AND SNAP JUDGEMENTS FROM THE UBYSSY EDITORIAL BOARD

EBOLA ISN'T A GAME

Ebola is an epidemic that is quickly spreading through Africa, and the accessibility to affordable medication is a serious issue. As a form of protest and to bring to light the injustices of western governments and their inaction in Africa a group of School of Population and Public Health students gathered together in a particularly active form of activism. All of this is well and good, in theory; the execution, however, was an embarrassment. The group dressed as a mix of doctors and Ebola personified — because apparently that's a thing.

The organizers of the event said they didn't mean to trivialize the issue, but they failed miserably in that endeavour when they turned a serious epidemic into a glorified game of tag. Running around campus chasing "Ebola" is hardly a serious form of activism. There is no indication that the organizers on the event handed out any

information regarding Ebola and the role — or lack thereof — that the government of Canada has had in aid relief.

UBC'S NEW PRINT SYSTEM IS TOO CONFUSING FOR OUR EDITORS

There's nothing like being caught off guard trying to print an assignment at the library and not being able to because your print card has become obsolete. UBC Library recently changed their printing system on campus and it's, well, different. While in some cases it makes the system more streamlined — suddenly your UBC-Card has a purpose beyond buying rez cafeteria food — but it completely disregards historical processes for printing at UBC. Some students have had their print cards for years and suddenly the university library is going to change their system without warning? What about all the people who have

print cards and were perfectly content with that way of life?

The least they could have done is send an email detailing the change and explaining how students who have print cards can transfer their money and add money to their new pay for print accounts. The next time the university library makes a change to their printing system, the least they could do is let students know.

3D PRINTING IS SCI-FI TURNED REALITY

The idea of printing organs is a damn cool one! Popping real, usable organs that can transfer straight into the human body out of 3D printers seems like something that comes straight out of Brave New World, but it looks like the future is coming up fast. Professors and students from UBC are already using 3D printers to turn cells into human tissue, and have big plans to continue elaborating

this technology to be able to print human organs in the same way. Of course, it'll be a while (at least 10 or 15 years) before this moonshot goal can become a reality, but it definitely seems like these researchers are on the right track. It's also great that the tissues that they are currently creating have so many practical uses, including the development and testing of pharmaceutical drugs. To sum up, we are throwing our hats off to Aspect Biosystems for their innovative ideas and great work in actually making them come into fruition. We can't wait to see what they'll be able to achieve in the next few years.

YEAST IS RISING BEYOND THE STRATOSPHERE

Your first reaction to reading about yeast being sent into space is probably incredulity. Yeast is something that we buy for a couple dollars at the grocery store and use to make dough rise and beer ferment — why would anyone spend the tens of thousands of dollars it takes to send something out of the atmosphere on something so mundane as yeast?

The thing is, groundbreaking research isn't always the product of a linear, planned-out process. Tons of major scientific discoveries over the years have, essentially, been accidental. Yeast has some promising properties that suggest that make the study of it more conducive to important discoveries — namely, its short-lived generations. These discoveries can range from curing diseases like cancer that plague our societies, to making space travel by astronauts safer and more viable. Regardless of your priorities, these are two pretty compelling arguments.

If science isn't really your thing, there's always the chance that radiation will result in Super Yeast, a fungal organism that seeks to uphold the quality and integrity of baked goods and beer around the world and beyond. Either that, or in a few short years we'll be living a 50s-style horror movie — "The Yeast Monster from Space."

Regardless of the outcome, it's important to place some faith with the people behind this experiment. Most of them have dedicated their

lives to studies like this, and it's safe to say that they have a pretty good idea of what they're doing.

THE BOOKSTORE SHOULD BE OPEN 24/7

Like thousands of other UBC denizens, our editorial staff has frequently been inconvenienced by the UBC Bookstore's limited weekend hours. Our senior aviation correspondent, Parker J. Avian, is one of many whose weekend has been ruined by the Bookstore's inadequate opening hours.

After falling asleep waiting in line in the Bookstore Starbucks on Saturday, his weekly double espresso with a foam heart coming too late to inspire his wakefulness, Parker awoke to find himself alone in the Bookstore. Though understandably panicked, he calmed himself with the thought that he would surely be freed by staff the next morning. Unfortunately for Parker, the Bookstore is closed on Sundays. Parker was trapped in the building — forced to subsist on coffee grounds and muffin crumbs — for 42 hours.

Though his case is extreme, Parker is far from the only UBC resident to be inconvenienced by the Bookstore's hours. The Bookstore actively discriminates against people who are early risers and prefer to do their book shopping prior to 9:30 a.m., and those who have class from 9:30 a.m. through 7:00 p.m. Monday to Friday and are off campus on weekends. How is this sizeable minority to purchase their textbooks? Are they expected to skip class in order to purchase the materials necessary for those classes? After all, it's not as if there is a service accessible via the internet that provides free delivery to one's home.

In all seriousness, if the Bookstore truly wants to be accommodating to all of its (would-be) clients, 24/7 service is clearly the answer. *The Ubyssy* would wholeheartedly endorse a move like this, and all 11 members of our editorial board would regularly patronize the store in the wee hours of the night, helping ensure that such a policy would be not just inclusive, but feasible. ☺

yoga? slack lines? storm the wall? how would you use outdoor space around the SUB?

Ideas Fair - October 2

UBC is in the process of redesigning the outdoor areas around and including MacInnes Field, the new pool, the existing SUB, Alumni Centre and the new SUB.

See the schematic below for a view of the area under redesign.

We'd like to hear from students on how you would like to use these outdoor areas. Those who submit their ideas in person or online will be entered into a Prize Draw. The outcomes from the Ideas Fair will inform the programming for this area.

Date: Thursday, Oct 2, 2014 Time: 10:00AM - 2:00PM Place: Bookstore Plaza (Northside Patio)



Can't make it October 2? Visit planning.ubc.ca by October 10 to submit your ideas.

For additional information on the project, contact Aviva Savelson, Senior Manager, Consultation, Campus + Community Planning at aviva.savelson@ubc.ca or 604-822-9984.

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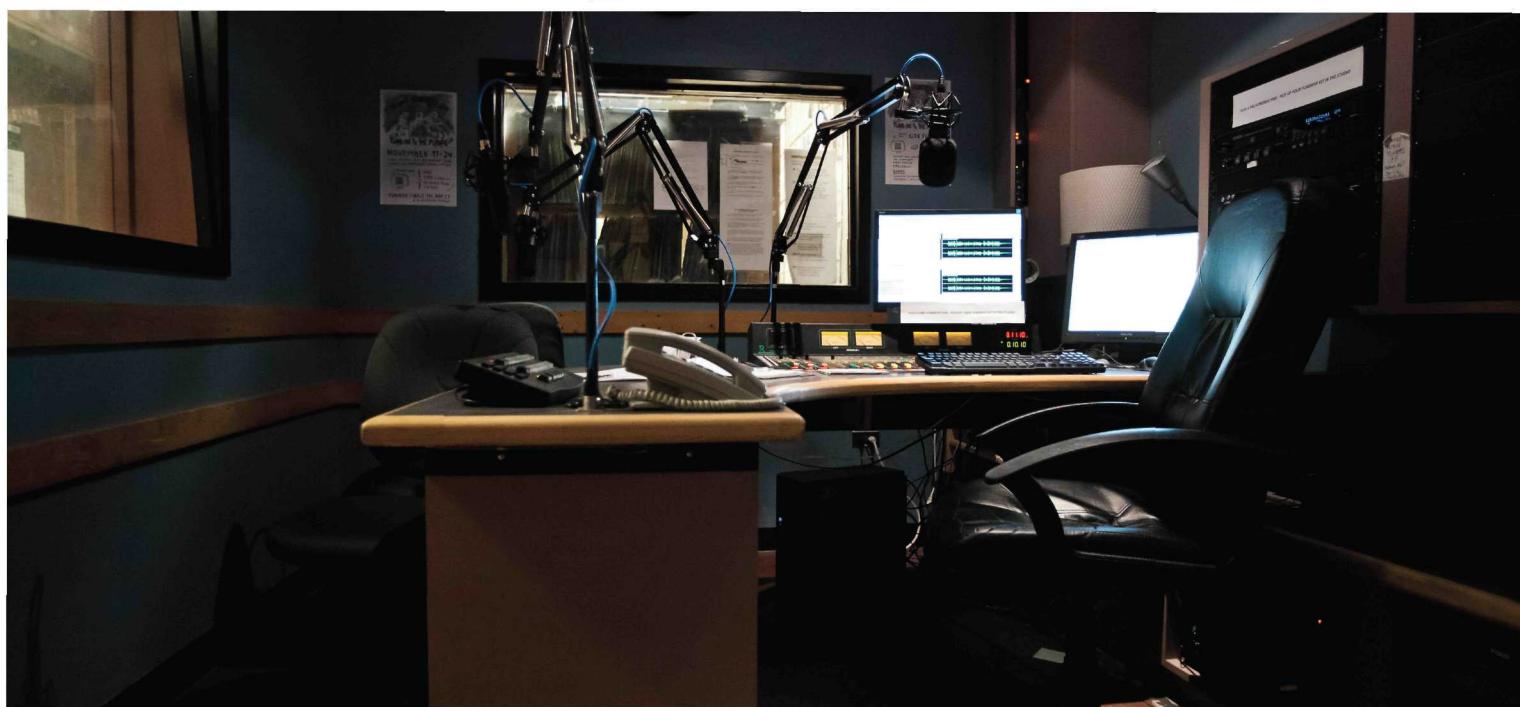
Life - on - Campus



- 2014/09/25 -

PODCASTS »

Arts on Air podcast broadens horizons



The Arts on Air Podcast explores the nature of Arts academics outside of all the research

Gabriel Germaix
Contributor

A little more conversation, a little less action. That could be the motto of the *Arts on Air* podcast, hosted on CiTR by ex-CBC book critic and English professor Ira Nadel. As he invites Faculty of Arts members, students or administrators alike in the studio, Nadel engages in a dialogue that seeks to explore more than just the stage of academic research.

In this "behind the scenes" approach of the somewhat stern world of papers, reports and classroom drama, *Arts on Air*

looks for the story behind the research.

"It's about the people and it's about what brought them to do what they're doing," said Nadel. "I do not want you to tell me about your research into 16th century economic theory in Italy ... but ... how did you become interested in that? Did you spend a summer in Italy? Did you have a professor at one point who was obsessed with medieval economics?"

This approach eases the listener, whose ignorance of the Italian Wars or coin minting in the Renaissance era would not

prevent them from sharing the pain of a high-school trauma with the guest speaker. This bond is paramount to Nadel, as it is part of the mission of academia to stimulate the transmission of knowledge, a concept that is inherent in the academic world.

"I feel that kind of obligation to extend and broaden the horizon of faculty members, to get them to reach towards the public. Not just their students, but to a larger audience," he stated.

Arts on Air focuses on the Faculty of Arts in its full range. *Arts on Air* guests have included the former head of the history

department, young professors "fresh out of Graduate School," and even the Dean of Arts, Gage Averill.

Together they shape the diversity of a faculty, a faculty whose essence and purpose is difficult to grasp without a constant effort of public relations. "It's also part of the effort, but this sounds too administrative, of the kind of effort in the Faculty of Arts to enhance communication," said Nadel.

The podcast is more than a formal task ordered from the Dean, *Arts on Air* appears as an existing project that fits the gen-

eral trend. "This is an adjunct of that whole effort, which is now 5 or 6 years old, in the faculty to tell the story, and to tell it in interesting, attractive ways, of course to students, but beyond."

For that enterprise, the host of *Arts on Air* can count on the support of Nicole Gibillini and Linda Givetash, both graduate students in Journalism and producers of the show.

"They run the technical side of the recording," said Nadel. "And most importantly they promote the show through social media." The show is now almost 3 years old, both producers joined last January.

"He had the show but he wanted to expand it," said Givetash. "[Nadel] is not a journalist, he is a professor, so he really needed more support."

Their work as producers, in addition of post-production, also shape the interview itself. "We brainstorm [potential guests], decide who we want to chase ... We contact them, see if they're interested and then pre-interview them," stated Gibillini. Both students set a framework for the host, and try to get the guest in the frame of mind of a meandering conversation, and not just a report on their research.

Transmitting towards the American border, east into Coquitlam, and North and West Vancouver, *Arts on Air* comes to audiences who would not click on a UBC web link. The podcast not only enlarges the walls surrounding the Faculty of Arts, but also seeks to bring them down, and in turn to reveal the people behind it, and the fresco they together compose. □

CLUBS »

UBC Film Society provides more to students than cheap movies

Joining clubs is a great way to meet new people, and FilmSoc gives you opportunities to both make new friends and engage in something you love

Arman Raina
Contributor

The UBC Film Society started off the year with a screening of *Godzilla* at the Normand Bouchard Theatre, located inside the SUB. The original *Godzilla* premiered 60 years ago — it showed the iconic monster laying waste to Japanese towns just a decade after Hiroshima and Nagasaki, and soon became an international sensation. Despite relocating several thousand miles to North America, not much else has changed for the "King-Of-Monsters." According James Mackin, FilmSoc chairperson, the film was chosen "because it did pretty well when it came out and [they] thought they could repeat that success."

However, the FilmSoc is not all about second-runs of box office hits, Mackin explained.

"Sometimes we'll have periods where we show more artistic films. More films that university student[s] would expect to see at university. And then we've had periods of times where we show more second run films. These are films that have been in theatres but they haven't come out on DVD yet.... We are currently, hopefully, in the transition of a phase from a second-run theatre,

to a theatre showing more artistic films," said Mackin.

Whether it is an art film or a commercial one, the FilmSoc's immediate draw would appear to be the relatively cheaper theatre tickets (\$5 for non-members and \$4 for members). The club operates on an innovative credits scheme which translate into half-price drinks, free movies and possibly free membership. Credits are obtained by volunteering for the club and theatre, which would in turn, help to keep costs low. No experience is required to volunteer, since any training necessary is delivered on the spot.

The contribution of volunteers and members seems to be a cornerstone of FilmSoc. The Norm theatre itself is named after Normand Bouchard, a former executive of the society. The Norm Theatre was built alongside the SUB in 1967 and has been run by FilmSoc ever since and, Mackin FilmSoc will continue to run the theatre once the new SUB is built.

One of perks of becoming a member is the access to the club room, featuring a 42-inch TV and a predictably huge stash of DVDs. The clubroom is at the North Entrance. One has to be careful



The Film Society holds both movie screenings and other film related events

not to miss it, since it's nestled between the two sets of doors.

Alongside movie viewings and a sweet clubroom, FilmSoc hosts a few film production events every year. The soonest being the "10-hour Film Race," on October 10. While "it's open to public to come and write, shoot and edit a

film in 10 hours," Mackin clarified that "we are not teaching, it's a competition. We will be screening the films at the end of the day."

Not all FilmSoc members are learning film, though. Mackin does have a background in film studies, though he said the

FilmSoc does manage to attract "a wide variety of students, many from arts and many from engineering." The FilmSoc offers a variety of opportunities. Whether you just want cheap movies, or dream of producing the next *Godzilla*, UBC FilmSoc might have something for you. □

VIFF»

Joel Bakan is more than your regular law prof



Filmmaker, author, prof, and juror for this year's BC spotlight Joel Bakan

Conner Bryan
Contributor

Joel Bakan is not only a professor of constitutional and contract law, but also a filmmaker and an author. As one of the jurors of this year's BC Spotlight competition in collaboration with the Vancouver International Film Festival, Bakan was tasked with the job of giving recognition to local films.

Bakan teaches constitutional and contract Law here at UBC. His background extends to having taught at the University of Toronto Law school as well as New York University. From the chilling bite of an eastern wind blazing through the streets of Manhattan, Bakan moved to the rather similarly paced city of Vancouver roughly thirty years ago to resume teachings. Starting in 1985, he worked as a clerk for the Chief Justice of the Supreme Court where he looked "at relationships and often the gap between law and social justice." A central issue to a groundbreaking film he co-created entitled *The Corporation* (2003).

"I'm an accidental filmmaker," said Bakan, explaining how he came across the idea of starting *The Corporation*. While attending a funeral he met with his co-creator Mark Achbar who pointed out his interest in creating a film centred around globalization. Coincidentally, Bakan was working on a scholarly book he christened *The Corporation: A Pathological Pursuit of Power*. After slightly modifying the book to accommodate a wider range of audience, the two went on to release both publications simultaneously.

"I'm a big believer in Canadian film," Bakan elaborated. "And *The Corporation* is a good example of a film that probably could not have been made in the United States because it was made almost exclusively by public money."

This idea of socialized film production lets people with an "aesthetic vision," that are also "politically challenging" — as Bakan puts it — to enter the public realm of entertainment whereas major corporations like Disney and Pixar for example, would normally turn down the funding for such a controversial screenplay.

That being said, Bakan noted "the current federal government is shrinking the budget for programs like RCPG (aka the Canadian Network for Psychoanalysis and Culture), programs like Telefilm Canada," which helps to organize funds for supporting initiatives and events that would primarily be allocated to industry professionals. So the government isn't as friendly as it seems towards cultural institutions. Nonetheless, a little bit of individual volunteer effort goes a long way.

His sphere of influence in the film industry is broadened further once one takes into account his participation with BC Spotlight. Drawing from his professional background, he worked with his wife, actress, and singer Rebecca Jenkins with regards to her film *Bye Bye Blues*. The Vancouver International Film Festival is putting on a special 25th anniversary screening, in part, because Bakan played a contributing factor pertaining to the legal status of the rights to this film.

"The film was dying," he stated. "We couldn't get it on to iTunes, we couldn't get it on to Netflix," essentially because the rights to the film were getting "lost in oblivion." This will ignite the discussion held after the screening facilitated by panelists on the topic of preserving lost Canadian films within the industry.

Bakan recently performed, as a mere citizen, the role of juror for the upcoming Vancouver International Film Festival where he and three others were given thirteen movies and told to watch, take notes on, then rank these films based on particular criteria. The parties then collaborated in order to come to a consensus on what was best or in other words, what rightfully deserves recognition.

As a citizen, above all, Bakan puts an emphasis on the need for individuals to "re-occupy" the democratic institutions which encourage cultural differences, political enlightenment, and economic stability in a sense to see a community within a society that tends only to aggressively pursue its own self interest.

PERFORMANCE»

Beyond Words series gives environmentalism a renewed voice

Jasmine Cheng
Contributor

The third series of *Beyond Words* introduces an intriguing and uniquely original collaboration between renowned Inuit throat singer and recent recipient of the Polaris Music Prize Tanya Tagaq and environmentalist Severn Cullis-Suzuki. Using spoken word and music as their medium, the two women will explore themes ranging from justice to sustainability.

"[*Beyond Words*] started as a very simple idea where I wanted to combine writers and music," said Wendy Atkinson, Chan Centre Programming Manager and one of the program's founders. Previous seasons have showcased performances by songwriter John K. Samson, writer Ivan Coyote, performer Rae Spoon, and most recently, word artist Shane Koyczan. Themes presented have ranged from personal explorations of gender issues to an anti-bullying manifesto.

"It morphed from writers and music to just using words in some way as part of a performance but throwing the net pretty wide as to what that can look like. So it can look different ways depending on the performers that we chose," said Atkinson.

This season, *Beyond Words* brings together two women who are well known in their respective fields in a collaboration that infuses topics of ecology, culture and activism into a marriage of word and music. It will be the first in the *Beyond Words* series to touch upon these themes. Although the general concept behind the show is made public, details of the performance will be kept secret from the public until the live show. The management team at Chan Centre



PHOTO COURTESY OF LAURA MURRAY/PUBLIC RELATIONS

has given the duo artistic freedom to create their own agenda and shape the way their performance will look. But from the little that Cullis-Suzuki has revealed to the production team, it seems that there will also be significant focus on student opportunities for involvement.

"You can talk about environmental issues, but if people don't have opportunity to have their voices heard, or to be involved in those decisions, then it doesn't matter. They need to be involved," said Atkinson. "I think people can be dismissive of younger people and not encourage them to make their voices heard and to be decision-makers and to be part of the debate."

If Tanya Tagaq's and Severn Cullis-Suzuki's past performances are any indication of how this

show will turn out, theatre-goers should prepare to be surprised, moved and enlightened. Atkinson predicts the show will be unlike any other they have put on before.

"It's as much a mystery to me as to anybody else who's in the audience. I just know they're excited to work with each other."

Atkinson encourages students in particular to come out, and ensures that there will be ample time provided at the end of the performance for a question and answer session and open discussion with the two women.

Beyond Words collaboration of Severn Cullis-Suzuki and Tanya Tagaq runs for two performances on October 16 and 17 at the Telus Studio Theatre in the Chan Centre for the Performing Arts. Tickets are \$20 for students.



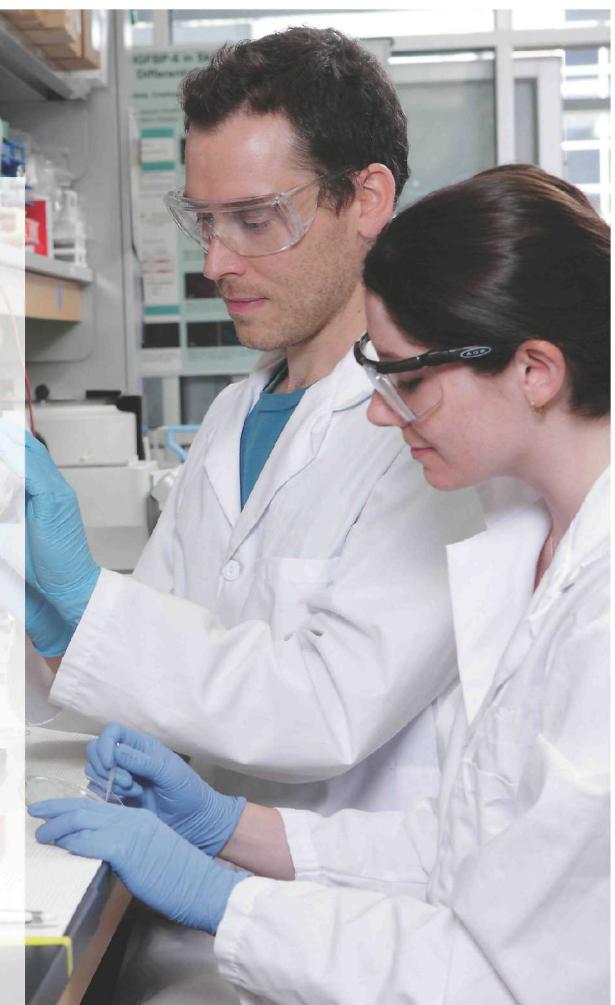
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On Sunday and Monday, members of the Greek system celebrated as their recruitment period came to an end and potential new members accepted bids to join the chapter of their choice. New fraternity recruits burst from the

DAY



HOCKEY »

The Boys

Men's squad focused and determined

Jack Hauen
Sports and Rec Editor

Continued from p. 16... Character is built when your team goes through a tumultuous review process that threatened to destroy it altogether. It's built when you see your fans' true spirit and passion for your team as they come together to do all they can for the future of the game.

"It means we lean into pain. It means when we have adversity, we strive under adversity. We love it when it gets hard. We long for it. We beg for it," said Kuntz.

It's that attitude from their head coach that means the Thunderbirds can expect to put in hard work in order to achieve their individual and team goals. "It's been hard every day. We've challenged [the players] every day because we know that this is a hard place to be a student athlete, this is a very hard sport to be a student athlete. There's no use disguising it, we might as well show them right off the bat that this is extremely hard."

They got a chance to prove their willingness to perform in difficult situations in the recent three-game University of Regina Tournament over the September 12-14 weekend. The Thunderbirds began the tournament with a bang as they beat the Golden Bears, the team that ousted them from the post-season last year. The next two games were both one goal games — Calgary took Saturday's game by a score of 4-3, scoring the winner with 1.9 seconds left on the clock. The 'Birds bounced back, however, for Sunday's game against Lethbridge, in which they scraped out a 5-4 victory after nearly blowing a 4-1 first period lead. Kuntz had to be pleased with the fact that



The men's team faced their fair share of adversity last season, and they'll have to do it again in 2014/15.

PHOTO STEVEN RICHARDS / THE UBYSSEY

his team handily beat the squad that knocked them out of the playoffs last year, but said that his team "could've done better" in the series.

Before regular season play ramps up again, Kuntz has been getting his players ready for the new year — that includes seven new faces in his lineup. The Regina Tournament might not have been the best outing for the 'Birds in terms of stability, but Kuntz likes what he sees from his new recruits.

He'll have a larger pool to work with as far as goalies go this year, as Matt Hewitt — who split the season with Steven Stanford, Luongo-Schneider-style — returns for another year in net. He finished last season with a 4.10 goals against average and a .874 save percentage, but his statistics don't tell the full story, as he sometimes found himself in net during blowout games, the responsibility for which can't be placed entirely on his shoulders.

In addition to Hewitt, two new masked faces join the 'Birds: Eric Williams and Khaleed Devji. Williams joins the team from a starter position with the Western Hockey League's Spokane Chiefs, where he has spent the last two and a half years. He posted 73 wins in that time span, and maintained an approximate 0.900 SV%, and a 3.14 and 2.67 GAA in 2012-13 and 2013-14, respectively. He's already proven himself a winner, and Kuntz said that he's "battling hard every day in practice."

Devji comes from NCAA Division III's Salem State University,

where he only played four games in 2012-13. Before that, he played two seasons and 86 games with the BCHL's Coquitlam Express, keeping a 3.48-3.98 GAA and a SV% just under 0.900.

"Khaleed ... saw an opportunity to be on our roster and has worked hard, been a good person, been a good teammate," said Kuntz.

He wouldn't comment on who would be the starter, but on paper, it looks to be a contest between last season's half-starter Hewitt and newcomer Williams.

On the front end, the Thunderbirds added five forwards to their attack. Perhaps the most interesting recruit is David Robinson, a player who has spent the last two seasons as a coach of the BCHL Vernon Vipers. Previously, he has played for the Calgary Dinos in the CIS, as well as the Vipers and the WHL Chilliwack Bruins.

"He was a big recruit," said Kuntz. "When he was recruited in 2011 we went after him real hard, I've kept in touch with him ever since. He's got a lot of character, works real hard, he's the kind of identity we're searching for."

Also new to the program is Adam Rossignol, a veteran of five seasons in the WHL and winner of the Ed Chynoweth (WHL Championship) Cup with Koote-
nay in 2011. He scored 57 points

in 223 regular season games during his WHL career.

Rounding out the recruiting class for the 'Birds are left wingers David Robinson and Manraj Hayer, as well as right wingers Justin Georgeson and Robert Lindores.

Aside from the players, UBC added one more major "recruit" to their team: Tyler Kuntz. He's been a five-year veteran defenceman for the Thunderbirds, and he's spent seven years as assistant coach — there are few people with a more intimate knowledge of the team. After Milan Dragicevic was let go, Kuntz was the obvious choice as his replacement.

Putting Kuntz at the helm meant keeping the coach as someone close to the 'Birds, and in turn, keeping their core team identity intact. "I like our group returning," he said. "We've got good leadership, got lots of skill, got lots of character, and they work hard."

They've proven they can play under adversity, they've proven they can take on the best team in the league, and they've proven they can be legitimate playoff contenders. Now, the Thunderbirds just need to prove they can go the distance.

The 'Birds play their homecoming game this Friday, September 26 at Doug Mitchell Thunderbird Arena at 7:00 pm against the Alberta Golden Bears. 

KEYS TO SUCCESS

Adversity

The men's team was on the chopping block last year — they need to prove they can challenge expectations.

Coaching

Milan Dragicevic was bench boss for 12 seasons — the team will have to adjust to Kuntz's style.

Goaltending

Matt Hewitt needs to be better than his 4.10 GAA and .874 SV% from last season if he wants the starter gig.

Stability

When they won, they often won big — but they were also blown out too many times for comfort.

HOCKEY »

The Girls

Women's team looking for redemption



After an early playoff defeat last year, expectations haven't changed for the record-setting women's squad.

PHOTO MACKENZIE WALKER / THE UBSSEY

Jenny Tang
Contributor

After a disappointing third place ranking in the Canada West League and a bitter loss in the second round of playoffs, the UBC women's hockey team is looking to bounce back and make more history for the Thunderbirds.

New recruits and coaches are joining the Thunderbird family. Among those is Assistant Coach Mike Sommer — whose credentials range from his native BC all the way to New Zealand — as well as Goaltending Coach Brendan Metz.

According to coach Thomas, last year was "emotional and mentally inconsistent. We focused so much on getting [to Nationals], when we should [have] really [been] focusing on [the current] weekend and the efforts during the week in practice, in the classroom, in the weight room and on the ice."

The 2013-14 season was a roller coaster of ups and downs, but the 'Birds most notable accomplishment was their 20 regular-season wins, which made history at UBC. However, the T-Birds are starting off on a clean slate with new ideas and a new mindset.

"We're just going to get better," Thomas said. "And focus on building and go through the process together as a team and not get caught up in our wins and losses."

Coming off of a clean sweep at the BC Challenge Cup, and winning 2 out of 3 of their matches in the Calgary Exhibition Tournament, it would be easy for the 'Birds to get complacent. But with the regular season looming, the team can hardly slack.

"We can't take anything for granted, nothing's going to come easy," said Thomas.

"I feel like we have the strongest league in Canada, and it's going to be hard. Even the bottom teams got [stronger]."

Everyone is eager for some Thunderbird action, from the freshmen who will be wearing blue and gold for the first time, to the middle year students who return eager to push harder than ever before, to the seniors, who want to make this season count.

The 'Birds will be welcoming back their veteran players, such as fifth year Tatiana Rafter, who was named Canada West player of the year and was on the gold-winning Canadian team in the Winter Universiade in 2013, and fifth year Sarah Casorso, who (along with Rafter) was named to the first-team Canada West All-Stars. They will be saying their goodbyes at the end of this season, but not without making the most of their senior year.

Thomas emphasized his team's commitment to the big picture. "Our focus this year is to try not get caught up in games, or in the ranking or individual accolades, and instead focus on the team," he said.

On paper, the biggest upgrade the women's team has made is on the defensive end. All three of UBC's goaltenders are returning, as well as a fourth addition in the form of newcomer Katie Greenway, who played in the Calgary Tournament with the Thunderbirds last weekend.

The women's squad also added four new defensemen to stack their back line, one of whom is Kelly Murray, a major recruit for the 'Birds. Murray spent the last two seasons with the NCAA Division I Cornell University Big Red. She has also won gold with Team Alberta's Under-18 section at the Canada Winter Games, and taken part in Hockey Canada's U18 program.

"I think we're going to be a team to contend with," Thomas said. "We're pretty solid."

That said, the Canada West League is not an easy pool to be in; the 'Birds have not been the only team building up their roster. Their rival — and the team that beat them the previous weekend — Calgary Dinos have recruited two Russian Olympians to play along with their returning seniors.

"It's exciting because we all get really competitive," said Thomas, "but at the same time there's not going to be any easy games, so we have to make sure that we're dedicated and that we work to get better all the time and make sure that we get to where we want to be at the end of the year."

The 'Birds will be offered a chance at redeeming their short-lived post-season from last year. The opponent in their season opener is none other than the Saskatchewan Huskies, who they lost to in their second round of playoffs.

The 'Birds will play the University of Saskatchewan Huskies on Friday, October 3rd at Thunderbird Arena. Look for them to come out flying — as Coach Thomas has said once before, "It's time for a little redemption." □

KEYS TO SUCCESS



Resilience

It was an early exit for a team with normally high expectations - look for them to rally this year.

Consistency

Coach Thomas said it himself: this team needs to stay in the moment and take it game-by-game to win.

New Faces

It's unlikely that any of their additions will turn out poorly, but with so much talent, it's always a balancing act.

Playoffs

They set a record for most regular season wins last year, but suffered from Canucks disease and choked when it mattered.

HOCKEY »

Preseason tournaments



FILE PHOTO STEVEN RICHARDS / THE UBSEYY

The men's squad beat their most bitter rivals in Regina.

Jack Hauen
Sports and Rec Editor

The men's team took part in the University of Regina Tournament over the September 12-14 weekend to play three games in three days against three different teams. Fatigue was definitely an issue for the team by the end of the series, but they managed to skate away with a winning record of 2-1.

UBC began their weekend on the right foot. In a show of exorcising their demons, the 'Birds took Friday's game by a score of 4-1 against reigning CIS champions – and the team that knocked them out of the playoffs last year – the Alberta Golden Bears.

The 'Birds continued the tournament Saturday as they fell 4-3 to the Calgary Dinos in a last-second heartbreaker – almost literally – as they netted

the winner with 1.9 ticks left on the clock, 10 seconds after Brad Hoban had a beautiful chance to net the winner himself but was stoned on a breakaway.

The tournament ended on a positive note for the T-Birds, as they took home the final game on Sunday against the Lethbridge Pronghorns. Although UBC came perilously close to blowing their 4-1 lead, they held on to take it 5-4.

Though he was obviously pleased that his team beat last year's CIS champions, Kuntz wasn't impressed with their overall effort. "I thought we could've done better," he said. "I thought we had a chance to win on Saturday, I thought we had a chance to put away a team on Sunday with a 4-1 lead. No, I'm not happy."

BY THE NUMBERS



2-1 Both squads' records in their tourneys.

27 Combined goals for.

17 Combined goals against.



FILE PHOTO JOSH CURRAN / THE UBSEYY

The women's squad left the Calgary Tournament with a 2-1 record.

Jenny Tang
Contributor

This weekend the women's squad hit the ice in Calgary, emerging victorious twice out of three times in the Calgary Tournament.

The 'Birds faced off with their Canada West rival, the home team Calgary Dinos, and came out on top with a 4-3 win on the first night. They then went on to play the Calgary Infernos, a professional team with some of Canada's top-ranked players, in an exhibition match that the Infernos went on to win 4-2 with an empty netter goal in the last minute. However, the Birds bounced back and played the University of Guelph Gryphons, and, playing what was considered their best game against the top-ranking team, had an easy 5-1 victory.

"We got our mojo on," coach Thomas said, seemingly very happy with the results. "Sometimes you get some lulls or down periods, which is something that we struggled with last year."

The weekend also gave newcomer goalie Katie Greenway a chance to don a blue and gold jersey in the Inferno game. Greenway is one of the many new recruits that the 'Birds are hoping to have in their regular season games for the upcoming 2014/15 year.

"We got a real team builder weekend out of that, we got to spend some time together as a team," Thomas added. "A weekend like this away is great, it was really an accomplishment [with] getting to know each other better and playing as hard we can."

THUNDERBIRDS »

T-BIRDS 5-ON-5

SAVVY SENIORS

QUENTIN SCHMIDT

Volleyball



NIKOLA BROWN-JOHN

Hockey



BRYAN RIDEOUT

Football



MEGAN HAMM

Rugby



NAVID MASHINCHI

Soccer



1. What classic UBC thing do you still need to do before you graduate?

Overnight in some slightly illegal/frowned upon places.

On campus self-directed pub crawl, and find one of my stolen bikes.

I have never done the UBC Undie Run so I guess I am stripping down this year.

Jump into the outdoor pool after hours, but I think its a little too late now.

Participate in Storm the Wall.

2. What do you think is the biggest myth about being a varsity athlete?

The "dumb jock", at least [it's] not applicable to volleyball guys...

That we eat and sleep more than babies. Actually that's probably true...

That we are actually an undercover bicycle gang.

That we are athletes before students and get everything paid for us.

People think varsity athletes have a healthy lifestyle, but in reality we also have our moments of unhealthy habits.

3. What "words of wisdom" do you live by?

"If you ain't first, you're last" – Ricky Bobby

Cowboy up!

As the great Ms. Frizzle says: "Take chances, make mistakes... get messy!"

"Hard work beats talent when talent doesn't work hard." – Tim Notke

No pain no game.

4. Finish this sentence: When I was a rookie...

... I looked great dressed up as a care bear.

... skit night was women's hockey first post-season win in program history.

... none of this anti-hazing stuff was around. Life was rough, but way better.

... things hurt less. And I learned "time management" is not a joke.

... it was difficult to adapt to balancing school with my soccer commitment.

5. What activity will you take up when you retire?

Exploring the world! Or falconry. Or both.

Leisure exercise, like power walking or boga (ballet-yoga).

Probably take up hot yoga with my new best friend Zoe Fettig-Winn from the rowing team. Maybe see where that leads...

I love snowboarding and it will always be my winter hobby, but after a decade of rugby and a couple impending injuries I might find something new and less stressful on the body.

I will never retire from the beautiful game of soccer!

EXPLORE »

Places to Be: Canmore, AB



PHOTO: JEFF WALLACE / FLICKR

Ha Ling Peak in Canmore.

Mormei Zanke
Contributor

Most people have heard of Banff, the small rocky mountain town nestled at the base of Rundle Mountain, but most people will have no idea where Canmore is.

If I only had a few words, I would say Canmore is like Banff's infinitely more relaxed half-brother. In Banff you get the mountains, nature, and all the rocky mountain-themed magnets your heart desires. In Canmore, you get the nitty gritty, mountain local, run-into-a-moose lifestyle. And the strangest part about it? Banff and Canmore are only 20 kilometers apart.

Canmore rests against the backdrop of Ha Ling Peak, not too far away from the infamous Three Sisters mountain range. The bow river streams through the measly 70 kilometre squared town of 12,000.

Historically a mining town, there are a few pretty interesting legends about the small metropolis. The one on the top of my list is the story of Ha Ling, the man after whom the surrounding peak is named.

Ha Ling was a chef back in 1896 for the Canadian Pacific Railway. He was bet \$50 that he couldn't climb the peak and plant a flag at the summit in less than 10 hours. He left early on a Saturday morning, and according to the local newspapers, was back in time for lunch. Unfortunately, the flag he planted was not visible from the bottom, so he had to lead those who were skeptical back up the peak and plant a larger flag beside the original.

Now, Ha Ling Peak is a popular hiking trail and a climbing staple for all locals in the area. The story of Ha Ling embodies the spirit of Canmore; the town is inhabited by people who, like Ha Ling, work hard and have a deep respect for nature.

I am reminded of the time my dad insisted we hike the trail in mid-February. I only had a pair of fleece pants and a too-small ski jacket, but accepted the challenge nonetheless. My dad did not orchestrate this hike out of cruel intention, I think he legitimately wanted to climb Ha Ling in the snow. Which, in my opinion, is a special kind of crazy.

In any case, we started out early and made our way up the winding peak. When we reached the tree line we no longer had shelter from the wind and blowing snow, and we struggled to scramble up the steep precipice. The loose stone worked against us and as a result we had to climb on all fours up the treacherous incline. Then, like a good dream, we made it to the summit and were greeted by the radiant view of Canmore. It had been patiently waiting there for us the whole time. I like to think Ha Ling had similar emotions when he completed his trek.

One of the side effects of being located in one of the most beautiful places in the world is that nature automatically shapes the composition of the municipality. In Canmore you can find seriously well-established cultures surrounding hiking, mountain biking, skiing, boarding, rock climbing, skating, camping and anything else related to the great

outdoors. Canmore is where the real locals live, the ones who live and breathe the Rockies.

There are hundreds of hiking trails leading out of Canmore to take advantage of. Another perk is the close proximity to the Nordic Centre, which is used as an Olympic training ground for cross-country skiers. As a result, they have some pretty fantastic facilities! You can hike front country and get some spectacular views of the reservoir below and the outstretched valley. Not to mention their biking trails, day lodges, and disc golf equipment.

The trails within the city are pleasant as well. One of my favourites is a trail that hugs the bow river. It leads you to a canola field with a great view of the Three Sisters who look on in splendid passivity. The quaint path takes you throughout the whole city and then unleashes you out into a forest.

Of course, if one hikes a lot, one must eat a lot, which is why Canmore is also known for its excellent restaurants and bistros. They've got everything from tapas to sushi, spaghetti to grilled cheese.

My favourite restaurant is a place called Chef Studio Japan. It is tucked away in a side street and is crowded with pillows and low tables. The restaurant is actually probably only 300 sq. feet, so the lineup is always long. The sushi is made in front of you and the teriyaki is always steaming.

Canmore is full of those kinds of surprises. It's different for everyone. It is what you want it

to be. It's a place to shape your own experiences.

Ha Ling climbed that peak for \$50 dollars, but he also climbed that

peak to prove a point. He was just one guy with a flag. Go and have your own adventures. Canmore's the place to do it. ☺



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HOCKEY »

Men's & Women's Hockey Previews



"Speed. Work ethic. Character."

Four words that new head coach Tyler Kuntz expects his team to live by this season. Speed and work ethic are clear-cut expectations — time from blue line to blue line, hours in the gym. Character is more difficult to qualify.

It can be built from positive outcomes, as it was last year when the Thunderbirds barely

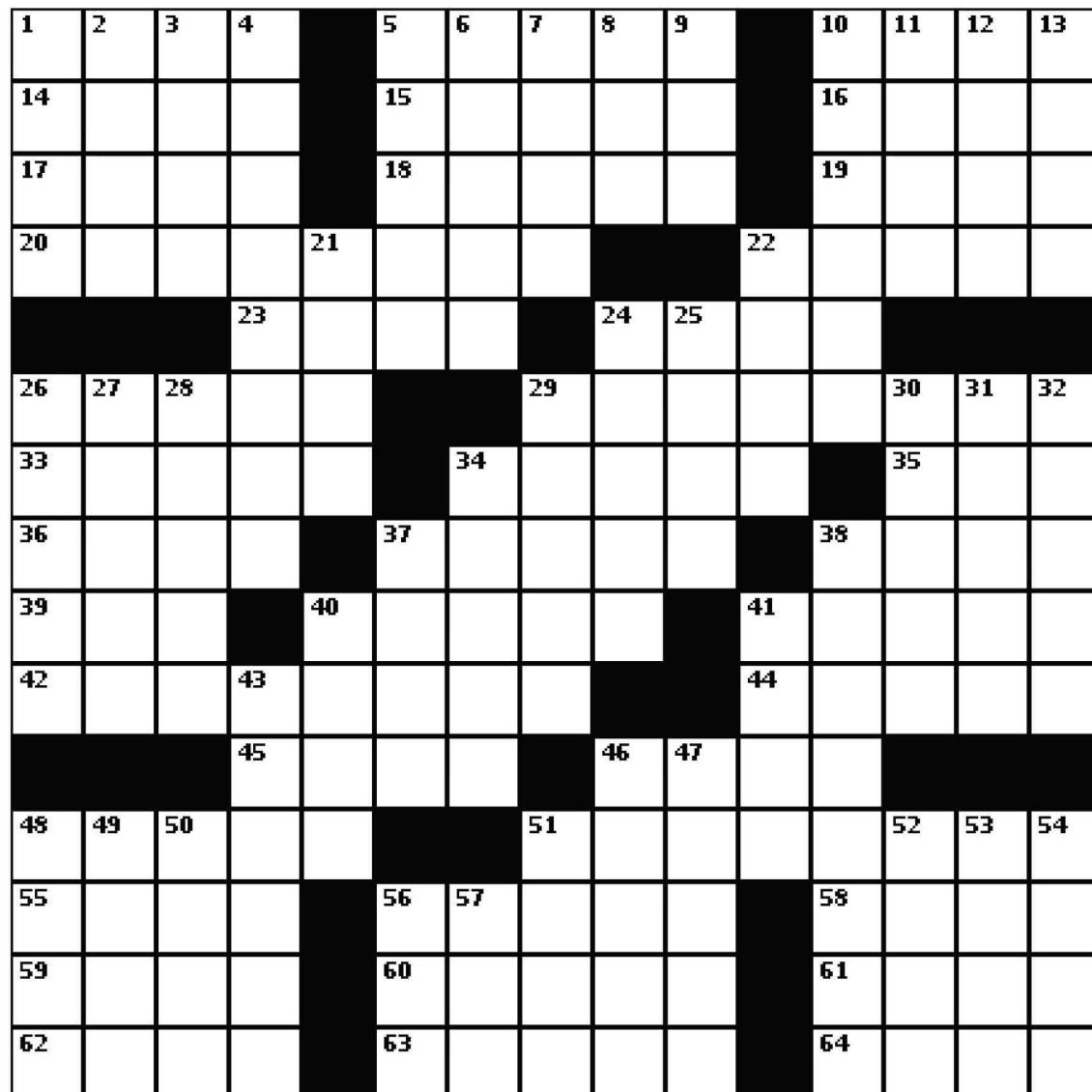
snuck into the playoffs, only because another team lost, or when they took the first round from the Saskatchewan Huskies against all expectations. It can be built from negative outcomes, as was the case when the Alberta Golden Bears shattered the 'Birds' hopes in two games on their way to becoming CIS champions.

Continued on p.12



FILE PHOTO STEVEN RICHARDS / THE UBYSSEY

The men's team will strive to prove their doubters wrong, while the women's squad will look for redemption in 2014/15.



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ACROSS

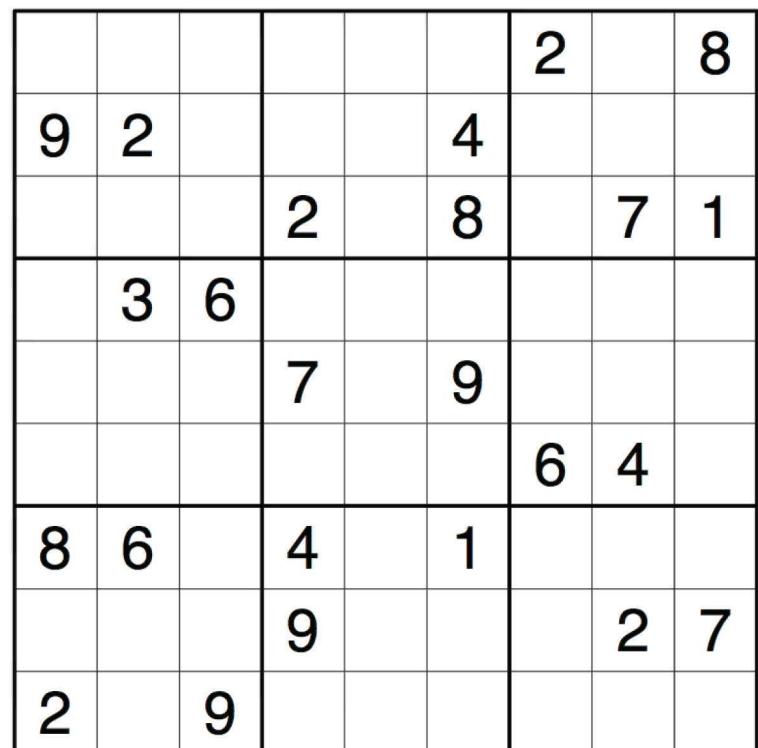
- 1- Oil-rich nation
- 5- Wash
- 10- Spanish dance
- 14- "Star Trek" role
- 15- Permeate
- 16- Iridescent gemstone
- 17- Voice of America org.
- 18- Swedish imports
- 19- Exchange for money
- 20- Woman's loose dressing gown
- 22- Head supporters
- 23- Jazz flutist Herbie
- 24- Queue before Q
- 26- Nautical pole
- 29- Predict

- 33- Olds model
- 34- Form of lyrical poem
- 35- Uno + due
- 36- Must've been something
- 37- "Die Fledermaus" maid
- 38- Biological bristle
- 39- Kind of fingerprint
- 40- "All My Children" vixen
- 41- Gossip
- 42- Vigorous exercises
- 44- Burning of another's property
- 45- Paint layer
- 46- Tel ____
- 48- Lustrous black
- 51- Inhabitant of Spain
- 55- Eye layer

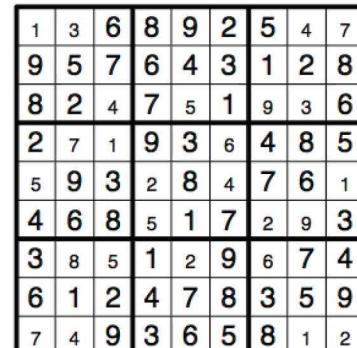
- 56- Gridiron
- 58- Contender
- 59- Dresden denial
- 60- Israeli desert region
- 61- Writer Sarah ____ Jewett
- 62- IRS IDs
- 63- Radii neighbors
- 64- Peruse

DOWN

- 1- The jig ____!
- 2- Trick
- 3- Et ____
- 4- Bog
- 48- Lustrous black
- 51- Inhabitant of Spain
- 55- Eye layer
- 56- Gridiron
- 58- Contender
- 59- Dresden denial
- 60- Israeli desert region
- 61- Writer Sarah ____ Jewett
- 62- IRS IDs
- 63- Radii neighbors
- 64- Peruse



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SEPT 22ND ANSWERS

- 8- Center of activity
- 9- Some MIT grads
- 10- Son of Jacob and Rachel
- 11- Crude cartel
- 12- Confer
- 13- ____ well ...
- 21- Western pact
- 22- Brief letter, paper money
- 24- Bread
- 25- Lymph ____
- 26- You ____ mouthful!
- 27- Flat surface
- 28- Pave over
- 29- Glasses, briefly
- 30- Stalks
- 31- Threepio's buddy
- 32- Hunker
- 34- Decree
- 37- La Scala solo
- 38- Person that survives
- 40- Black
- 41- Shower
- 43- Vast seas
- 46- Cop ____
- 47- Flow controlling device
- 48- Flows
- 49- St. crossers
- 50- Blood vessel
- 51- Indication
- 52- Yorkshire river
- 53- Actress Sofer
- 54- Historic Scott
- 56- Bearded grazer
- 57- Fam. member



SEPT 22ND ANSWERS

- 1- S P O L I V E A N I S E
- 14- R A E N A T A L P A T T Y
- 17- E X S I C C A T E E M I L E
- 20- N O T R E V I X E N
- 23- E N O S N E G E V D E W Y
- 28- S I N C I P U T A G A M A
- 39- L O U R D E S S E N A T E S
- 42- U N T I E P A V E M E N T
- 44- S I R S T R I D E S
- 45- H A I R E A T E N R H E A
- 55- T I N E S W O O D Y
- 56- A M I N E C A R T H O R S E
- 64- R O O S T A R T O O S E R
- 67- T O N E S L E E D S E L S