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LOOKING FOR REDEMPTION**

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Quotas promote gender equality

Canada's 42nd federal election began in its usual fashion. Pundits decried the cost to taxpayers. The phrase "middle-class values" was overused. Partisans immediately began thinking of clever hashtags.

In other news, only 30 per cent of the major parties' candidates are women. The percentage of female candidates currently sits below 2013 levels, when it was still a dismal 31 per cent. During the last federal election, this translated to 72 seats in the House of Commons — or about a quarter of all MPs.

This is poor representation. 50 per cent of the people living and voting in Canada are women, and we deserve to be represented in all levels of government.

But in order for this to happen, Canadians must have the opportunity to vote for women. That doesn't mean having one token woman on the ballot. We need multiple women from different political parties across many constituencies.

Which is why Canada's political parties need a voluntary party quota. This quota would mandate both that parties nominate a certain percentage of women, and that they run women in ridings where the party has a chance of winning.

Opponents of quota systems claim



MELANIE WOODS

that women shouldn't be elected to public office just because they're women, and that quotas discriminate against men.

It's true that women shouldn't hold political office just because they are women. But simply allowing women to run for public office isn't enough to adequately involve women in the political process.

Equality doesn't materialize when formal barriers are removed. Discrimination, casual sexism and hidden barriers prevent women from being selected as political candidates.

It doesn't matter if everyone has the same equal opportunities if women continue to be systematically discriminated against. Until the results of a

system are equal, equality doesn't exist in a meaningful way. Quota systems are a way to compensate for these hidden barriers.

Two of Canada's political parties have already done this. In 1993, the Liberals set a target where 25 per cent of their elected caucus should consist of women. The NDP adopted a target of 50 per cent female candidates in 1985, and also enforce a rule that at least one woman must be in the running at the nomination stage.

Compared to Canada's other major political parties, these quotas are working. 41 per cent of NDP candidates in the upcoming federal election are female. Although it's still short of their party-mandated quota, it's higher than

other political parties. The Liberals have 33 per cent female candidates, while the Conservative Party trails with 20 per cent.

Voluntary party quotas won't solve all of the issues faced by women participating in politics. But they make the nomination process more transparent and formalized for everyone — including men. Quotas also help ensure there is more than one woman on committees or in meetings, eliminating the pressure faced by token women.

Stephen Harper has appointed more women to the cabinet than any other prime minister. The NDP consistently run the highest percentage of female candidates. And both of these parties are trading the lead in the polls. Canada's political parties have shown that women are more than capable leaders — when they're elected.

Research has shown that Canadians don't discriminate against women at the ballot box. The reason people don't vote for women is because the opportunity to do so doesn't exist.

Political parties exercise a lot of control over nominations. They have a responsibility to seek out women and prioritize our involvement in politics.

Kate Jacobson
Gauntlet Editorial Board

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NEWS

CANADA »

Arctic oil exploration in spotlight as scientists study effects of spills

Fabian Mayer
News Editor

Debates over oil production in the Arctic erupted this spring when oil company Royal Dutch Shell sent two exploratory drilling rigs to the Chukchi sea northeast of Alaska. More recently, a Shell icebreaker faced Greenpeace activists dangling from a bridge and environmentalists in kayaks trying to stop the ship from heading north.

For organizations like Greenpeace, the Arctic represents a pristine environment and one of the last places on earth relatively untouched by human development. But for oil companies, it is the last and greatest untapped reserve of fossil fuels on the planet. The U.S. Energy Information Administration estimates the Arctic "could hold about 22 per cent of the world's undiscovered conventional oil and gas resources."

University of Calgary political science professor Rob Huebert specializes in Arctic politics. He expects Arctic oil exploration to increase in the future, pointing out that Shell's operations are just one part of a global push to produce Arctic oil.

"In December of 2013 the Russians actually started production. What Shell's doing is just exploration and that's a continuation of what was happening off of Greenland, other parts of Russia and parts of Norway," Huebert said.

|| Everyone is super aware that if you make a mistake in the Arctic, you're going to pay a lot higher price.

— U of C political science professor Rob Huebert

Huebert highlighted the various interests and complicated politics of potential Arctic oil production. Multinational oil companies clash with environmental groups, while northern communities and aboriginal groups are often split on the issue.

Inuit activist Sheila Watt-Cloutier opposes any development of Arctic fossil fuel reserves out of concerns over climate change. On the other hand, former premier of the Northwest Territories and current chair of the Inuvialuit Regional Corporation Nellie Cournoyea favours development as long as certain conditions are met and



Protesters try to block one of Shell's Arctic drilling rigs from leaving Seattle's harbour.

COURTESY BACKBONE CAMPAIGN

northern communities benefit.

"A lot of the northerners, whose regions is going to be most affected, there are those that are in favour of it," Huebert said. "They turn around and say 'why should southern-based environmental group like Greenpeace have a say in their future?'"

There is currently relatively little

activity in the Canadian Arctic, partly as a result of low oil prices. But Huebert thinks this could change in the near future.

"We lag behind the Americans, but the moment the price of oil starts going back up to \$80-90 a barrel, you're going to see substantial reinvigoration," Huebert said.

Activity in Canadian waters will likely be concentrated in the Beaufort sea in the western Arctic.

Many of the concerns shared by both environmental and aboriginal groups stem from the risk of oil spills that offshore drilling brings. They argue that a spill similar to

the 2010 Deepwater Horizon oil spill in the Gulf of Mexico would be even more disastrous in the Arctic.

Huebert believes the amount of time people have had to think about Arctic oil drilling has resulted in strict regulatory regimes.

"My impression is that the environmental standards are as high if not higher than what you see elsewhere," Huebert said. "Everyone is super aware that if you make a mistake in the Arctic, you're going to pay a lot higher price."

Researchers are just beginning to study the effects of an oil spill in the Arctic. The federal government recently announced plans to build a research facility in Churchill, Manitoba designed to study the detection, impacts and mitigation of Arctic oil spills.

Two U of C researchers will be a part of the project. Geographer John Yackel will lead sea ice remote sensing research, while biology professor Casey Hubert will study hydrocarbon degradation.

Hubert, who studies the extent that microbes can help clean up oil spills, said there are many unknowns when it comes to potential oil spills in the Arctic.

"The sea ice component is probably the biggest difference," Hubert said. "What if the oil's on top of the ice? What if the oil is accumulating under the ice? Those would be new variables that haven't been investigated elsewhere."

Hubert was reluctant to take a position on Arctic oil extraction, but recognized the controversy surrounding the topic.

"It's an environment that is pretty pristine and there's a lot of interest and concern in the Arctic staying that way," Hubert said.

He hopes there will be a national debate and discussion on the topic, adding that the impacts of further fossil fuel production on climate change must also be considered.

According to Hubert, the research undertaken at the new facility doesn't take a position on Arctic oil production. But he said the increased shipping activity in the Northwest Passage makes this important research — regardless of how many oil rigs are operating in Canada's north.

"Even if we decide not to explore for oil in the Canadian Arctic that doesn't eliminate the possibility of the kinds of spills we're trying to study."

short form

Do you think we should be drilling for oil in the Arctic?



"Yeah. It's good for the economy."

— Ryan Tsang,
third-year psychology



"For the short-term it's a valid idea but long-term it will harm the environment."

— Soumya Samanta,
fourth-year PhD biology



"Probably not in this economy."

— Rebecca Ng,
second-year nursing



"There are pros and cons."

— Miguel Torres,
third-year PhD biochemistry

Photos: Emily Macphail
Interviews: Fabian Mayer

ACADEMIC »

U of C gets grant for microbiome research centre

Fabian Mayer
News Editor

The University of Calgary has been given a \$9.9-million grant to establish a microbiome research centre within the Cumming School of Medicine. The facility is slated to open in 2017 and will be the second of its kind in Canada.

Minister of state for western economic diversification Michelle Rempel made the announcement last week.

Professor Paul Kubas leads the university's research on infection, inflammation and chronic diseases. Kubas said researchers have yet to extensively study the organisms that make up the microbiome.

"There's about 300 trillion bacteria in your gut and there's probably only 30 trillion cells in the whole body and we've sort of been ignoring it," Kubas said. "Trying to understand some of these interactions with bacteria is very important."

Kubas said the new facilities will include a germ-free lab, allowing researchers to focus on fighting chronic diseases.

"You are almost certainly going to die of chronic disease," Kubas said. "If we have our way, we're going to try and reduce the chances of you dying from one of these diseases."

The centre will also have applications beyond the human body. Researchers will study agriculture, food security and energy innovation.

According to Kubas, the oil sands house the largest microbiome in the world. Some of these bacteria may have medical applications.

"What we'd love to do is harvest these and see if any of them might function as potent antibiotics," Kubas said. "This is an opportunity for us to have an impact using something that's really Albertan exclusive."

There are only a handful of similar research centres around the world. The only facility currently operating in Canada is at McMaster University in Ontario.

"This is an opportunity to really build something special in Canada," Kubas said.

STUDENTS' UNION »

Students' Union prepares to get out the vote as election begins

Fabian Mayer
News Editor

Canada's longest election campaign in over a century got underway this weekend when the Governor General accepted Stephen Harper's request to dissolve parliament on August 2. The campaign will last 78 days and culminate on October 19 when Canadians head to the polls. The University of Calgary Students' Union will once again be encouraging students to turn out on voting day.

The SU will run a "Get Out The Vote" campaign similar to the one they ran during the spring provincial election where they contacted around 3,600 students and reminded them to vote.

SU vice-president external Romy Garrido said the SU hopes to contact even more students this election. Their goal is 10,000 pledges from students.

"We're going to be planning at



Romy Garrido will lead the SU's GOTV campaign.

LOUIE VILLANUEVA

a bit of a larger scale because it is a federal election and because we have more time," Garrido said.

Despite two elections in such quick succession, Garrido doesn't believe students will get tired of the SU's messaging.

"I think students will be excited

federal elections still matter to students, citing access to education for aboriginal students, youth employment and student financial aid as examples.

Garrido is hopeful that the parties will include post-secondary policy in their platforms.

"We always hear the buzzword that we are the future of the country," Garrido said. "If there's so much emphasis on making sure the future of the country is in good hands, then why not put emphasis on the stakeholders of the future of the country?"

In the 2011 federal election 38.8 per cent of eligible voters aged 18-24 cast a ballot as compared to 61.1 per cent of the general population. Garrido stressed that students are more likely to vote than those not attending post-secondary.

The SU's \$9,358 budget for the campaign is roughly the same as the amount they spent on the provincial election.

BRIEFS

Canada enters lengthy election campaign

Canada's 42nd election campaign started this week with voting day set for October 19. The 78-day campaign is the third longest in Canadian history and double the length of recent elections.

All three federal parties have a chance at forming the next government with the NDP, Liberals and Conservatives separated by only a few percentage points in most opinion polls.

The election comes at a difficult time for the ruling Conservatives. Canada's economy is faltering and likely in the midst of a recession, while the fraud trial of suspended Conservative senator Mike Duffy resumes mid-August.

The government has also been criticized for starting the campaign so early. This will increase the cost to taxpayers, as around half of political parties' spending is subsidized by the public.

Hitchhiking robot killed in Philadelphia

HitchBOT, the hitchhiking robot, is dead. After successfully hitchhiking across Canada and parts of Europe, the intrepid, globetrotting robot lasted just two weeks in the United States.

HitchBOT was about 500 kilometres into his journey from Massachusetts to San Francisco when he was brutally murdered by unknown assailants in Philadelphia.

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ACADEMIC »

English professor writes genetic poetry into DNA of unkillable bacteria

Fabian Mayer
News Editor

A University of Calgary researcher is nearing the end of his project to write a poem that lasts forever. English professor Christian Bök has been working to insert his poetry into bacteria since the early 2000s.

Bök calls his project *The Xenotext*. He aims to write a short poem, encipher that poem into genetic code, build a gene and then insert that gene into a particularly durable organism.

I I'm genetically engineering a bacterium so it can become not only an archive for storing my poem, but can also become a machine for writing a poem in response.

— English professor Christian Bök

According to Bök, various artists and researchers have successfully encoded information into the genetics of living beings in the past. What makes his project different is what the organism does with the information.

"I'm genetically engineering a bacterium so it can become not only an archive for storing my poem, but can also become a machine for writing a poem in response," Bök said.

Bök has written the poem and

successfully implanted it into *E. coli* bacteria. However, his goal is to complete the project with *Deinococcus radiodurans*, a bacteria that can survive extreme temperatures, radiation and even the vacuum of space. The durability of the organism is an important part of the project.

"I'm effectively trying to write a book that might persist for a very long time, perhaps outlasting every terrestrial civilization," Bök said.

Bök has sufficient funding for a few more attempts at completing the project. He will begin his next set of experiments this fall.

"I'm hoping in these next few assays that I'll be able to work out the problems such that I can actually solve the work and succeed at it," Bök said.

Bök learned skills ranging from computer programming to genetic engineering for the project, though he admits the work has been more challenging than first anticipated.

"It's about figuring out how to appease what amounts to a tiny little demon, a tiny God," Bök said.

He was inspired to start his project 15 years ago while reading articles on the subject. One of them discussed the idea that if an extraterrestrial civilization were to send out information, an effective way to do it would be encoding the information into living things.

"Given that we've already got access to technologies that permit us to do it, why not be that civilization," Bök said.

Bök plans to publish the first of two books on the project in the fall. *The Xenotext: part one* will introduce readers to his work.

"It's a book of poetry that presents information intended to provide a primer on genetics and lay the conceptual foundations for the experiment itself."

ADMINISTRATION »

Campus construction nears fall semester completion



Classrooms in the Administration building are among those getting facelifts this summer.

LOUIE VILLANUEVA

Fabian Mayer
News Editor

Students returning to classes this fall will notice some changes around campus. The university is taking advantage of most students being away to undertake numerous construction and renovation projects.

Four lecture theatres — Administration 140 and 142 and Science A 104 and 106 — are getting facelifts. The renovations will update the classrooms' design and install new seating and technology. All the classrooms will be ready for the beginning of the fall semester in early September.

The summer is when the university completes most of its renovations.

Mark Scharf is a director with the University of Calgary's project management office.

"Without the undergraduates, that's when we really have an opportunity to construct labs and theatres and classrooms. That's a peak period for us," Scharf said.

Scharf believes the work will provide an improved space for students.

"Hopefully students see the value in terms of upgraded spaces that make it a better environment for everybody," Scharf said.

While the lecture theatre renovations are on schedule, the construction of a new multi-faith prayer room will not be completed until October. The new prayer room on the ground floor of the

dining centre will replace the one currently in use on the third floor of MacHall.

Scharf cited the location as the principal reason for the delay. Construction needs to be halted occasionally due to events in neighbouring spaces.

Two new U of C residence buildings are also nearing completion. Aurora Hall will house 268 upper-year undergraduate students, while Crowsnest Hall will accommodate 394 graduate students. Students can move into the new buildings starting August 30th.

The \$40-million Taylor Institute for Teaching and Learning under construction between MacHall and ICT is 80 per cent built and will be completed in February 2016.

Dr. Seuss in the Park
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weather permitting

Join us at the Reading Tent in Riley Park
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Every Saturday from June 27 – August 29, from 11 a.m. – 3:30 pm. The tent will be set-up between the wading pool and the playground.

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THEATRE »

Shakespeare by the Bow explores the brave new world of *The Tempest*Emilie Medland-Marchen
Gauntlet Entertainment

Shakespeare by the Bow, Theatre Calgary's popular annual event, returns to Prince's Island Park this summer. The troupe is performing one of the Bard's last and most acclaimed plays, *The Tempest*. Using the setting of Prince's Island Park as a backdrop, the show will be a spectacle to behold.

Unlike most plays Theatre Calgary has brought to Prince's Island Park in recent years, *The Tempest* isn't a comedy. Instead, it's a tragic-comedy offering a dreamlike setting and whimsical narrative. And a live performance, especially one in an outdoor setting, is the best way to view it.

The Tempest relies heavily on setting to determine mood and provide narrative momentum. The play is set on a remote island somewhere between Italy and Africa, where the play's protagonist and the ex-duchess of Milan, Prospera, resides as a powerful wizard, accompanied by her daughter, Miranda. They become shipwrecked and discover Caliban, a half-beast half-human slave. What follows is a play rife with romance, intrigue and

Ahad Mir plays Caliban in Theatre Calgary's riverside production of *The Tempest*.

LOUIE VILLANUEVA

suppressed violence.

While Prospera is the main character in *The Tempest*, Caliban is both the play's primary antagonist and its emotional anchor, vital to the play's exploration of injustice and servitude. In Theatre Calgary's performance, Caliban is played by Ahad Mir, who recently graduated from the University of Calgary's drama program.

"After I read the play, I was very set on Caliban because I felt like that was the role that I personally

connected with the most," Mir says. "In rehearsal, there was some darker stuff that I had to get into and that was a bit of a challenge because it's so not me."

Mir says performing at Prince's Island Park is different from traditional theatre.

"Anything can happen. It's a very different social setting and I think that kind of keeps us all on edge," Mir says. "Being outside, it feels more like you have to bring the audience in. And I know we do that in

the theatre, but there are so many distractions [outside], so those things are important to consider"

In Theatre Calgary's production, many of the star male characters are genderbent. Mir says one of the best things about theatre is that changing the gender of characters doesn't affect the power of the story.

"Shakespeare is so cool because gender doesn't matter. I think that's the beauty of theatre, that it doesn't matter. And I think the

decision to genderbend has been a smart one because it keeps the cast equal," Mir says. "But at the end of the day, I don't think it's a big deal. I think we could have a genderbent *Romeo and Juliet*, and it wouldn't even matter."

fewerwerf e intends to integrate recent post-secondary graduates into the world of professional theatre. The entire acting cast of *The Tempest* are recent graduates. For some, this is their first experience with a large-scale theatre production.

"It's really scary. There's a lot of responsibility you have to put on yourself. When you're in university, they have your back a little more. They're still mentoring you and helping you out," Mir says. "I think that's gotten me ready for this because there's [still] a lot of independence when you're at U of C. But here is the test."

Productions of *The Tempest* will continue most nights until mid-August. Bring a blanket to Prince's Island Park and prepare to be enchanted.

For more information on Shakespeare by the Bow, visit theatrecalgary.com

LOCAL FESTIVAL »

Afrikadey! celebrates Calgary's musical diversity

Jason Herring
Entertainment Editor

Now entering its 24th year, Afrikadey! is returning to downtown Calgary from August 5-8. The festival, which culminates in a day of music at Prince's Island Park on August 8, offers Calgarians the opportunity to explore African culture they otherwise wouldn't be exposed to.

Marketing director Megan Miles says the festival's main goal is to celebrate the city's diversity while helping people discover a new realm of music.

"We're really trying to achieve a cross-cultural understanding and we're trying to express the diversity here in Calgary," Miles says. "There's a lot of festivals these days, but no one else covers African music. So even if you don't know the artists, after the event you'll be really excited to find out

and discover more about their music and similar music."

The main event is on Saturday, when Afrikadey! fills Prince's Island Park with visual art, vendors, food and live music. The musical side of the day is headlined by Rocky Dawula, a Ghanaian reggae artist and humanitarian. Miles says she's excited for both Dawula's music and the politically-charged aspects of his performance.

"Rocky Dawula has a really interesting background. When he grew up, there was a lot of [social and political] unrest in Ghana," Miles says. "All of his music is politically powered and he's really well-educated, which you can hear in the music. I'm really excited to feel his energy."

Sociopolitical awareness is a large part of Afrikadey!, and the backgrounds of the artists brought to the festival reflects this. One of



Afrikadey! returns to Prince's Island Park August 5-8. COURTESY GRANT NEUFELD

these artists is Afro-pop musician Hawa Hunt, who grew up in Sierra Leone in the midst of a civil war. Hunt's music is filled with messages of unity and peace, and she hosts an annual event to raise money to feed impoverished youth in her home nation.

In addition to the main event, Afrikadey! is presenting free concerts

throughout downtown leading up to August 8. Acts performing include veteran Cameroonian guitarist Nya Soleil, who is playing at ContainR in Sunnyside on August 6, and Bata Osun, a Yoruba traditional drumming group who are performing on Stephen Avenue on August 7.

Securing acts like these takes a long time. Part of the process

involved artistic director Tunde Dawodu traveling to Africa to scout out musicians to bring to the festival.

While music is the main component of Afrikadey!, Miles says there's plenty of other offerings at the festival.

"We have children's area, we have expos and workshops, we have a community area where you can sell or buy African goods. And we have some really good food venues as well, which are all African-based so you get to try some really good meals," Miles says. "It's diverse enough that you're gonna find something that sparks your interest. Go in with an open mind and I think you'll leave really satisfied."

Tickets for Afrikadey! are \$20 for students when purchased online.

For more information, visit afrikadey.com

GAMING »

Calgary game developer recreates cult classic

Jason Herring
Entertainment Editor

Though the *Silent Hill* video game franchise is finished, the game lives on thanks to the work of aspiring Calgary game developer Farhan Qureshi, who released his project *PuniTy* on July 30.

PuniTy is a remake of the cult horror video game *Playable Trailer*, which was originally released on the Playstation Network by Konami in August 2014 as a demo for the game *Silent Hills*. However, development for *Silent Hills* was cancelled in April 2015 and *Playable Trailer* was removed from the Playstation Network.

Qureshi's remake, which he developed by cross-referencing screenshots from the original *Playable Trailer*, has received widespread coverage, with popular gaming websites like *Kotaku* and *Polygon* writing about the project. Qureshi says he's excited the game is garnering attention, since the original purpose of the project was for use in a workshop on 3D modelling he's teaching in September.

"*PuniTy* was started as a project for teaching a 3D modelling workshop going on in September. For the 3D scene I'd like to teach, I wanted to make an apartment because it's a fairly simple environment. I ended up choosing the *Playable Trailer* apartment [to teach with] because it has the familiarity of apartments I've seen," Qureshi says. "And it's also no



Farhan Qureshi recreated the apartment from *Playable Trailer* entirely from screenshots in his game *PuniTy*. He says the community is diverse, with a mix of established and aspiring developers.

At the workshop, Qureshi plans to teach the basics of 3D modelling, texturing and developing. The class will culminate with students recreating the setting from *Playable Trailer* themselves. Qureshi hopes the familiar environment will motivate students.

"We'll be learning from the ground up how to work with 3D models. Then those skills will be applied to create the hallway from *Playable Trailer*. It gives people extra drive to learn all of the course content," he says.

The course is being taught by local non-profit Calgary Game Developers.

Qureshi, who graduated from the U of C with a BSc in Computer Science in 2012, is one of these aspiring developers. He's been working on his own game, *The Outline*, since February 2012.

The game is a story-focused free-world exploration about a mother and son trapped in a barren land. Qureshi says he plans to have the game finished in two to three years. It's an impressive timeline, as Qureshi is developing the game independently while doing other work on the side, though he plans on hiring a few extra members to work on *The Outline* as

it approaches its release.

Qureshi says one of the biggest challenges of independent game development in Calgary is finding funding. While countries like the USA and the UK have grants in place to help fund independent games, similar programs aren't easily available in Canada.

"The game development scene seems to be getting better. It's still not ideal, especially since we don't really have any provincial funding programs," Qureshi says. "The closest things we have are the Alberta Media Fund and Alberta Foundation for the Arts, but neither of those support video games."

Qureshi offers some advice to

aspiring game developers hoping to break onto the scene.

"Just focus on your passion. That's one thing I've learned. Money is not really that important because if you focus on what you love, the money will eventually come," Qureshi says. "I grew up playing games and they've been a passion for me my whole life. I started making them when I was in grade 7, when I was 13 or so. It's been a passion my whole life, so it makes sense I follow it."

For more information on *The Outline*, *PuniTy* and Calgary Game Developers, visit the-outline.com

COURTESY FARHAN QURESHI

NEW MUSIC »



Mac DeMarco
Another One
August 7, 2015 (Merge)

The release of Mac DeMarco's latest work, the mini-LP *Another One*, brings another great piece to the Canadian crooner's already impressive discography. The album delivers the originality and eccentricity that's come to be expected from DeMarco.

Another One draws most of its appeal from its oddity. The album refuses to fall into the predictable feel-good, bass-dropping patterns of many summer albums. Instead, it's filled with slow, wobbly guitar lines and a melancholic undertone.

The album sounds like DeMarco

tried to create music for playing around bonfires while drinking Bud Light Limes, but then accidentally knocked it to half-speed and distorted it until it sounded hazy and regretful.

Even *Another One's* most buoyant track, "I've Been Waiting For Her," can't escape this mood. Despite the quicker pace and upbeat strumming, DeMarco's airy vocals give the song a hint of remorse.

DeMarco strays from his previous frat-boy rock by offering a depth few of his contemporaries can. But the album's core is still the same drugged-

out pop DeMarco is known for.

This is especially apparent on the album's title track. The song takes DeMarco's trademark sound and inserts an underlying theme of dejected heartache as DeMarco sings about an unfaithful lover. These lyrics give *Another One* a weight his previous works lack.

Another highlight is the album's penultimate song, "Without Me." The track features guitar warped to sound like a church organ as DeMarco laments unrequited love.

But DeMarco refuses to be pre-

dictable by ending the album on such a low note. Instead, he finishes the last track, "My House By The Water," by giving listeners his full address along with a nonchalant invitation to join him at his New York home for some coffee. Several fans have already taken him up on the offer.

It makes sense why fans are eager to meet him — DeMarco emanates talent and approachability. It's these traits that make him so endearing, and it's why *Another One* is such a joy to listen to.

Felix Mayer



Jill Scott
Woman
July 24, 2015 (Atlantic)

After a four-year hiatus since her last album *The Light of the Sun*, R&B artist Jill Scott returns with her fifth studio album, *Woman*. Scott has been a seasoned veteran in the neo-soul community since she broke onto the scene in 2000.

In the age of the specialist, where artists usually explore only a few musical spaces in an album, *Woman* stands as an exception. R&B, jazz, gospel, blues, hip-hop, pop, funk and even some electronica are on display throughout the hour-long album.

Scott made a name for herself as a spoken-word artist before contributing to the late-'90s R&B movement with artists like Erykah Badu and The Roots. While she has explored other genres and influences before, *Woman* is her most ambitious album, breaking away from her old style and showcasing Scott's variety.

The album begins with Scott returning to her spoken word roots in "Wild Cookie," where she delivers a narrative on the disloyalty of men. "Say Thank You" reaffirms Scott's spoken word prowess later in the

LP, backed by a wailing psychedelic-soul guitar solo.

The fourth track, "Can't Wait," is supported by an energetic '70s bass line and a strong Motown influence, consisting of falsetto backup vocals and stripped-down funk guitar chords.

The album's dynamic variety protects it from becoming monotonous, but there are certainly standout tracks. The production in "Lighthouse" draws on modern hip-hop beats and "You Don't Know" is a soulful blues song Ray Charles must have forgotten to

write. "Cruisin'," an album highlight, offers a smooth, electronic-infused sound.

But the diversity in sound works against the album as well. The constant change in feeling and style between songs can be too erratic, and certain songs are entirely devoid of hooks and catchy melodies. Look elsewhere if you want something to sing along to.

Overall though, the infectious groove of *Woman* makes the album a great representation of R&B's full potential.

Justin Knudsen

FIELD HOCKEY »

Dinos field hockey looking for redemption

Emilie Medland-Marchen
Gauntlet Sports

The Dinos women's field hockey team headed to the fields behind the Olympic Oval on a rainy day earlier this week to start training for the upcoming season. The team began their session with an aerobic workout before moving to the soggy artificial turf for hockey training. Even in the rain, the team's spirit shone through.

After a disappointing 2014 season that resulted in an 0-8 overall record, the team hopes to put the Dinos program back on the map.

Returning to the team is veteran goalkeeper Beckett Frisch, who also suits up for the Canadian national team. Frisch, who was last year's Canada West MVP, spoke about the challenge of balancing different roles with the two teams.

"I want to contribute to the team in any way I can," Frisch said. "I play a very different role on the Dinos than I do on the national team. I was starting last year for the Dinos and had a really good year, and I went to the national team and ended up being second keeper."

Even so, it's clear Frisch is prepared to bring her best, regardless of the role she's given.

"Wherever I go, wherever I play, I just want to contribute in any way I can," Frisch said. "That's always my focus — to get better myself, to help my teammates get better and contribute."

Bringing her experience from both the CIS and the NCAA — where she played for the University of Maine — Frisch's approach to training is impressive, and it's been an excellent asset for the rest of the women's team.



2014 Canada West MVP Beckett Frisch is determined to lead the Dinos back to the win column this season.

LOUIE VILLANUEVA

Head coach Henri Meyer has adjusted his club's training regimen this season, hoping an increase in cardiovascular and functional fitness training will result in a stronger team. He is excited at the prospect of some of their potential additions this season.

"We have trials — there will be about 30 or 40 girls attending — which is great. In past years we've been close to about 20," Meyer said. "So this is a big step for new recruits. We've got a couple coming in from British Columbia, we have an exchange student coming up from Holland, as the Netherlands are number one in field hockey in the world. So it will be a really exciting year for us from that point of view."

The camaraderie shared between the group is immediately clear to anyone watching them train together.

Returning defender Jessica Britton discussed the importance of this familiarity.

"The minute you walk in to university here, you walk in to a family," Britton said. "I think the biggest part about coming in to a varsity sport is that you come in to a full team. We train together, we play together, we have time outside of the team together."

Britton isn't the only one who remains positive despite the team's recent lack of success. Forward Roxanna Krankowski, a rookie during last year's winless season, described the positives of making the jump to playing at the university level.

"It's a lot more intense playing varsity than high school field hockey," Krankowski said. "The energy's really great though. It's just more constant,

working on your skills. I had a really good transition. It's a lot to take in, but it was worth it."

Though the Dinos field hockey team has been through a rough patch over the past few seasons, coach Meyer remains optimistic about the progress they have made during that span. Improving support and enthusiasm from fellow Dinos and University of Calgary students certainly plays a part in pushing the team forward as well.

"This past year we did see an increase in attendance, and it was really fun to have that atmosphere," Meyer said. "It would be really great to have this place a packed house. It would be really exciting and the girls thrive with that extra energy. It was noticeable in the home games that we had."

To some, coming off a season as disappointing as the Dinos' 2014

campaign would be overwhelming. But what makes this team unique is their willingness to return to training with full force, refusing to give up despite their lack of success.

Their dedication to placing teamwork at the forefront of their preparations is also crucial. The bond shared between these girls is strong, and it's that sense of family that takes their training to a new level.

It's one thing to train hard, but doing so with joy and purpose is a much more promising formula for success.

"We're pretty close," Meyer said. "We're tight-knit. We're a family. We work hard for each other and we do our best for each other."

That sense of family is easy to see, and it has the Dinos poised to make 2015 a season of redemption.

HOCKEY »

National Women's Hockey League breaking new ground

Sonny Sachdeva
Sports Editor

Every four years, women's hockey taps into the mainstream of North American sports culture when hundreds of thousands tune in to watch the sport's top talents suit up at the Winter Olympics.

For the three years in between, however, support for the sport vanishes, leaving female hockey players with few options if they're hoping to turn their passion into a full-fledged career.

That could soon change. NCAA alum Dani Rylan and former Olympian Angela Ruggiero are leading a new movement for the women's

hockey community. The pair are co-founders of the brand new National Women's Hockey League (NWHL), which will begin its inaugural season in October of this year with four new franchises — the Buffalo Beauts, Boston Pride, New York Riveters and Connecticut Whale.

The NWHL represents a significant step forward for women's hockey. Most notably, they give prospective athletes the opportunity to earn a decent paycheck — something that hasn't been done by any of the previous organizations.

Prior to the NWHL's founding, the only professional route available to female hockey players in North

America was the Canadian Women's Hockey League (CWHL). But calling the CWHL professional is a bit of a stretch. The league isn't able to pay their players, cover the costs of equipment (which doesn't come cheap) or pay for meals on the road. CWHL players are given jerseys and a league structure, but they're still paying to play the game.

That won't be the case in the NWHL. Rylan, who will serve as the league's first-ever commissioner, has stated that all players will be paid. Their gear will be provided by their franchises, just like the professional men's leagues.

The paychecks aren't enough to live on — each franchise will reportedly

have an annual \$270,000 salary cap, meaning roughly \$15,000 per player — but they'll still give female hockey players a much better chance at forging careers as pro athletes.

Support for the NWHL has been growing as the league has begun lining up legitimate talent, but the CWHL still remains in the mix for players leaving the NCAA system.

The CWHL recently signed a four-year deal with Sportsnet (who hold primary broadcast rights to the NHL) to broadcast their playoffs and special events, giving CWHL players the chance to gain nationwide exposure. As well, the CWHL's Montreal Stars recently partnered with the Montreal Canadiens — one

of the NHL's most respected clubs — who also agreed to help boost their exposure.

The NWHL and CWHL are poised to compete for talent for the foreseeable future. And the one group that looks set to come out on top is the one that matters most — the players. Having two organizations vying for legitimacy will mean better overall treatment for the players, as each league will have to bring their best if they hope to attract elite talent.

Currently, the NWHL seems to be the better bet, reigning as the only league in North America that will allow female athletes to earn a paycheck as professional hockey players.