

Ottawa weighs tactics to forestall dumping of steel

Hiring of border inspectors, higher tariffs under consideration as flood of metals from China, other countries expected in Canada as a way to circumvent U.S. levies

ROBERT FIFE OTTAWA
GREG KEENAN TORONTO

The federal government is examining new measures to stop China and other countries from dumping cheap steel and aluminum in Canada as a way to skirt recent hefty U.S. tariffs.

A senior government official told The Globe and Mail on Monday that

Ottawa is consulting widely with industry executives on the best measures to combat an expected flood of offshore steel and aluminum.

No final decision has been made, but federal actions could include the hiring of more border inspectors or possibly higher tariffs to stop unfair global dumping. Prime Minister Justin Trudeau acknowledged on Monday that he personally reassured U.S. President Donald Trump last week

that Canada won't become a transit station for offshore steel and aluminum into the U.S. market.

Mr. Trudeau spoke by telephone with Mr. Trump on Monday to thank him for the "special consideration extended to Canada" while stressing that the steel and aluminum industries are critical to jobs on both sides of the border, his office said in a statement.

■ **TARIFFS, A7**

May accuses Russia of poisoning former spy, vows to retaliate

British PM says she will wait for answers from Russian ambassador before announcing new measures

PAUL WALDIE LONDON

British Prime Minister Theresa May has opened a new front in the West's growing conflict with Russia, accusing the country of being behind the poisoning of a former Russian double agent and vowing to take "extensive measures" in retaliation.

On Monday, Ms. May made it clear she's preparing to rally NATO allies and the United Nations to combat what she called Russia's disregard for the international "rules-based order." And she indicated Britain is considering a host of actions against Russia that could include additional sanctions and seizing the assets of Russian oligarchs in London.



Should there be no credible response, we will conclude that this action amounts to an unlawful use of force by the Russian state against the United Kingdom.

THERESA MAY
BRITISH PRIME MINISTER

The Prime Minister made the comments after saying Russia poisoned Sergei Skripal, a 66-year old former Russian military intelligence officer who worked for MI6 in the 1990s and identified dozens of Russian spies across Europe. Mr. Skripal and his 33-year old daughter, Yulia, fell ill a week ago after a Sunday afternoon outing in Salisbury, England, where he lived. Ms. May told the House of Commons that tests conducted by British investigators have established that the two were exposed to Novichok, a deadly group of poisons the Soviet Union developed in the 1980s. She added that the British government is now demanding that the Russian ambassador to Britain explain how that could have happened, suggesting it was either a deliberate attack or Russia has lost control of the chemical's supply.

"Should there be no credible response, we will conclude that this action amounts to an unlawful use of force by the Russian state against the United Kingdom," Ms. May said.

■ **SKRIPAL, A6**

TECH DEAL

Apple buys Texture magazine app from Rogers, U.S. publishers

■ **B1**

PERKING THINGS UP

Corey Mintz looks at the office search for a quality pot of coffee that will please everyone ■ **A14**



FOLIO

Vanilla shakeup

As the price of the baking staple skyrockets, the food industry scrambles to find a solution ■ **A10-11**

Ford hits the ground running in Ontario PC bid to unseat Wynne



Newly elected Ontario PC Leader Doug Ford, shown with his press secretary Lyndsey Vanstone, wants to send a message to voters centred on fixing the province's finances and reducing taxes. **MARK BLINCH/THE GLOBE AND MAIL**

New leader sets ambitious agenda as he predicts he'll ride voters' wave of frustration to victory

JUSTIN GIOVANNETTI TORONTO

Doug Ford says he is ready for a showdown with Premier Kathleen Wynne in the coming provincial election as he rides what he said is the largest wave of frustration Ontario has witnessed in a generation.

Coming off a razor-thin victory over the weekend against Christine

Elliott, Mr. Ford set an ambitious agenda at the start of his first week as the leader of Ontario's Progressive Conservatives. He said he is eager to debate Ms. Wynne and vowed to unite his fractious party and win the largest majority in his province's history.

"The grassroots people are rising up right now. This is a movement I've never seen in 30 years in politics," Mr. Ford said during a visit to Queen's Park on Monday afternoon. "People are frustrated. We're going to tell them all the great things that we're going to implement."

The new Tory leader said he would leave parliamentary business

to former interim leader Vic Fedeli and focus instead on the June election.

His message to voters centres on fixing the province's finances and reducing taxes, largely through cutting waste.

"As my dad always said, in business, you aren't getting sales in the office. You've got to get sales outside. We're going to be out on the road. You won't be seeing me in here too often," he said in the legislature.

Ms. Wynne told reporters on Monday morning that she has spoken with Mr. Ford, but tried to dismiss his impact on her re-election campaign.

■ **FORD, A4**

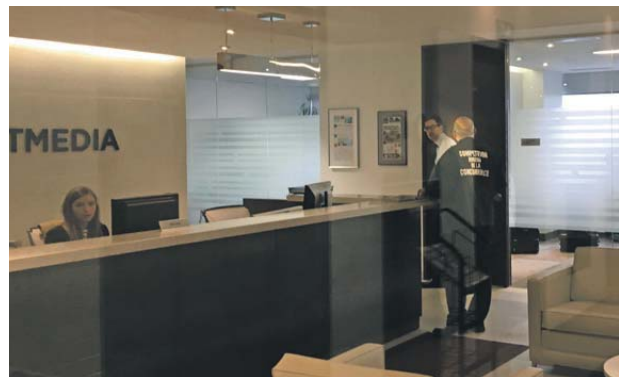
Competition watchdog searches Postmedia, Torstar offices as it probes alleged conspiracy in paper swap

SUSAN KRASHINSKY ROBERTSON
MOLLY HAYES TORONTO

Federal Competition Bureau officials, accompanied by police, have searched the executive offices of Postmedia Network Canada Corp. and Torstar Corp. as part of a review of their deal to swap 41 newspapers, which is being investigated under the conspiracy and merger provisions of the Competition Act.

When the deal was announced in November, both companies also said they would subsequently shut down all but five of the papers. On the same day, the Competition Bureau confirmed that it would review the transaction to determine whether it could "result in a substantial lessening or prevention of competition in any market in Canada."

The newspaper closings meant that Postmedia and Torstar would face less competition from each other in some Ontario markets that are strategically important for each company: For Torstar, those are the Kawarthas and the Niagara region,



A Competition Bureau official works at Postmedia headquarters in Toronto. Media were not permitted in the reception. **MOLLY HAYES/THE GLOBE AND MAIL**

and for Postmedia, those include Ottawa, London and the region encompassing Kingston and Belleville. Torstar also closed the free commuter papers 24 Hours in Toronto and Vancouver, which competed with its free Metro papers. On Monday, the Competition Bureau issued a news re-

lease saying it hadn't made any conclusion of wrongdoing and no charges have been laid.

"Investigators with the bureau are currently gathering evidence to determine the facts relating to the alleged conspiracy," the bureau said. ■ **MEDIA, A6**

INSIDE

JOHN IBBITSON	A4
ANDRÉ PICARD	A13
MARGARET WENTE	A13
JOHN DOYLE	A15
BARRIE MCKENNA	B1
JENNIFER DOWTY	B9

A-SECTION

FOLIO	A10-11
EDITORIALS & LETTERS	A12
OPINION	A13
LIFE & ARTS	A14
FIRST PERSON	A16
WEATHER & PUZZLES	A17

B-SECTION

REPORT ON BUSINESS	B1
OPINION & ANALYSIS	B4
GLOBE INVESTOR	B9
SPORTS	B12
COMICS	B14
OBITUARIES	B18



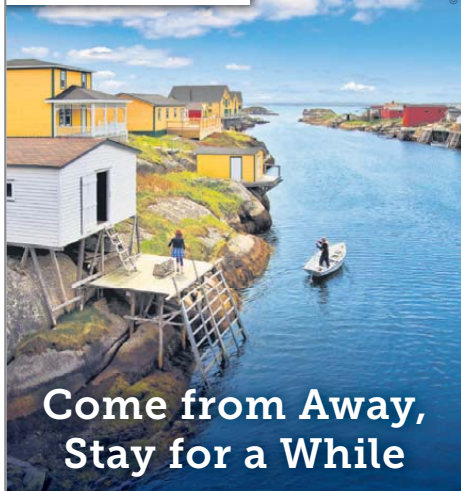
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MOMENT IN TIME

MARCH 13, 1927



HARRY MCLORINAN / THE GLOBE AND MAIL

OLD AGE PENSIONS ESTABLISHED IN CANADA

Canada's work force changed after the Great War, as industrialization and an urbanized labour force offered younger workers new prospects. Seniors were living longer, but many jobs they had known were fading away, made obsolete by machinery, and some older Canadians were desperately poor. By the 1920s, the issue of government assistance for the elderly had grabbed the political spotlight. Although the government gave pensions to survivors of 60,000 soldiers killed in the First World War, and to those who returned disabled, desire for a national system was mounting. A special committee studied the pension question

starting in 1924, but it wasn't until 1927 that William Lyon Mackenzie King's Liberal government passed the Old Age Pensions Act. The support it provided was hardly generous: British subjects aged 70 or older who had lived in Canada for 20 years could claim a maximum of \$240 a year - equivalent to about \$3,436 today. Eligibility was capped by a strict means test some considered humiliating and Status Indians were excluded. But it marked a first attempt at providing nationwide benefits to help lift elderly Canadians out of deepest poverty, laying a foundation for modern-day Old Age Security and the Canada Pension Plan. JAMES BRADSHAW

COLUMNISTS

**JOHN
DOYLE**

 OPINION

A TV awards show is meant to entertain - but the Canadian Screen Awards dragged on ■ A15

**PAMELA
JEFFERY**

 OPINION

Addressing the gender pay gap is the right decision for society and for business ■ B4

**First
Person**

Maybe not all questions are layered statements promoting debate, Maya Noronha writes ■ A16

CORRECTIONS

A Monday Life column on diets incorrectly said the new DIETFITS study assigned adults to aim to limit either their carbohydrate or their fat intake to less than 20 grams a week. In fact, it is less than 20 grams a day.

A Monday feature on the first bottle of Coca-Cola incorrectly said a bottling plant was installed at the rear of a soda fountain in Vicksburg, Tenn. In fact, it is in Mississippi.

A Monday news story on a land claim around Banff, Alta., incorrectly said the Stoney Nakoda First Nations showed surveyors for the Canadian National Railway the way through the mountains. In fact, it was surveyors for the Canadian Pacific Railway.

Meghan Markle carries out first royal engagement with the Queen

LONDON

Prince Harry's American fiancée, Meghan Markle, on Monday took part in her first official royal engagement with the Queen since the couple announced they were getting married last year.

Ms. Markle joined her husband-to-be and other senior royals including Harry's father, Prince Charles, and his elder brother, Prince William, and his wife, Kate, at London's Westminster Abbey for the Commonwealth service.

British Prime Minister Theresa May and Patricia Scotland, the Commonwealth Secretary-General, were among the 2,000-strong congregation for the service, the largest annual inter-faith gathering in Britain, which also included more than 800 schoolchildren and young people.

The Queen has been head of the Commonwealth since 1952 and aides say she regards the success of the organization, which now has 53 members representing more than 2.4 billion people, as one of her greatest achievements as queen.

She has made more than 200



Meghan Markle receives a bouquet of flowers after attending the Commonwealth service in London on Monday. PETER NICHOLLS/REUTERS

trips to Commonwealth countries during her 66-year reign, visiting every country except Cameroon and Rwanda.

London will host next month's Commonwealth Heads of Government Meeting where the BBC and other British media have speculated the issue of who will succeed the 91-year-old monarch might be discussed.

"Having enjoyed the warm hospitality of so many Common-

wealth countries over the years, I look forward to the pleasure of welcoming the leaders of our family of 53 nations to my homes in London and Windsor," the Queen said in a statement.

Windsor Castle, west of London, also will be the setting for the wedding of Harry and Ms. Markle, star of U.S. TV drama *Suits*, on May 19.

REUTERS

Why the U.S. doesn't study its gun problem

Dickey Amendment has all but frozen gun-violence research by country's leading health agency

JOANNA SLATER

ANALYSIS

As lawmakers in Washington consider measures to prevent another mass shooting, in one important sense they are groping in the dark.

The debate over guns in the United States is not only bitter and entrenched, but also hobbled by a little known obstacle. For more than two decades, the federal government has purposely restricted funding for studies on gun violence. That means there is a paucity of research into the nature of gun deaths in the country, which in turn impairs the ability to implement effective public policy.

The Trump administration recently released a set of policy proposals in response to the school shooting in Parkland, Fla., last month that left 17 students and teachers dead. The plan encourages states to train certain teachers to carry weapons and establishes a federal commission on school safety. But the White House backed away from a measure it had floated that enraged the National Rifle Association raising the national minimum age to buy a weapon to 21.

Acting on age limits is a decision for states, U.S. President Donald Trump suggested on Monday. "Things are moving rapidly on this, but not much political support (to put it mildly)," he wrote on Twitter.

Now some legislators are renewing calls to dismantle the barriers facing gun-violence researchers. Chief among them is the 22-year-old Dickey Amendment, which has all but frozen gun violence research by the Centers for Disease Control and Prevention, the country's leading public-health agency.

At a televised meeting at the White House last month, a member of Congress from Florida urged Mr. Trump to support her quest to repeal the amendment. He did not express a view on the issue.



Thousands of students hold a rally on March 7 after they walked out of school and marched to the state Capitol in Saint Paul, Minn., to pressure lawmakers to enact stricter gun control. GLEN STUBBE / STAR TRIBUNE VIA AP

In response, the National Rifle Association and Republican lawmakers tried to eliminate the centre at the CDC that had funded the study. That effort failed, but in 1996, Jay Dickey, a congressman from Arkansas who called himself the NRA's "point man" in the House of Representatives, succeeded on another front: He enacted an amendment that prevents the CDC from using any funds to "advocate or promote gun control." At the same time, Congress took the exact amount the CDC was spending on gun research and earmarked it for other use.

While the Dickey Amendment does not, strictly speaking, prohibit research into firearm injuries, the country's public health establishment got the message. The amendment was a "shot across the bow," said David Hemenway, director of the Harvard Injury Control Center and the author of the book *Private Guns, Public Health*. It serves as "a symbol to remind everyone at the CDC that if they do any work about guns, they're going to get hauled before Congress and beaten up."

After the amendment became

law, public funding for firearm studies dried up. Researchers scabbled for funds from universities or private foundations, some of which were also leery of courting political controversy.

“

How many thousands of people are dead today who would be alive if the program of research on this major health problem had been left to continue ... and if prevention programs had been put in place as a result of those answers?

GAREN WINTEMUTE
PHYSICIAN, GUN-VIOLENCE RESEARCHER AT THE UNIVERSITY OF CALIFORNIA DAVIS

Garen Wintemute, a physician and long-time gun-violence researcher at the University of California Davis, said he had contributed more than US\$2-million out

of his own pocket to fund such work.

"Lots of people left the field and lots of research was never done," Dr. Wintemute said. "How many thousands of people are dead today who would be alive if the program of research on this major health problem had been left to continue, if important questions had been answered, and if prevention programs had been put in place as a result of those answers?"

Gun-violence researchers often draw parallels between their field and automotive safety. Basic mortality data show that the same number of Americans — 36,000 — were killed by guns and by traffic accidents in 2015. But by analyzing the detailed statistics collected in every state on car accidents, researchers have succeeded in identifying ways to make driving safer, whether through learner's permits, mandatory seat-belt use or changes to the design of vehicles themselves.

Just as no one is suggesting getting rid of cars, "we're not going to take away everybody's guns," said Linda Degutis, the former head of the CDC's centre for the

study of injury prevention. "The point is, how can we make people safe given that there are guns in the environment?"

Earlier this month, the non-profit Rand Corporation published an analysis of the state of research on firearm injuries. It found that the effects of gun policies being discussed by lawmakers "have only rarely — or never — been studied rigorously." Between 2004 and 2015, the amount the U.S. government spent on gun-violence research was a tiny fraction — 1.6 per cent — of what it spent to study problems with similar levels of mortality, according to a paper published last year.

After the massacre in Newtown, Conn., in 2012, then-president Barack Obama urged Congress to allocate US\$10-million to the CDC for research into gun violence. The money was never appropriated. The National Institutes of Health, another major federal research agency, made some grants for gun-violence research starting in 2013, but the program expired early last year and was not renewed.

In recent years, doctors have become more vocal about the need for recurrent funding of such research. Firearm injuries should be studied just like any other type of injury, said Megan Ranney, an emergency physician and professor at Brown University. "I'm not for or against cars, I'm not for or against pools," she said. "We need the ability to create and gather evidence so that we can do honest, non-partisan, culturally acceptable things so that fewer people die."

Dr. Ranney is part of the leadership team for a new initiative called the American Foundation for Firearm Injury Reduction in Medicine, which is working to raise funds for such research. Another development is taking place at the state level: Last year, California began distributing a US\$5-million grant to support research at the centre run by Dr. Wintemute focusing on gun violence.

During the state legislature's debate on the grant, the proposal garnered support from an unexpected source: Jay Dickey. After leaving Congress, the author of the amendment that has squelched gun research for decades had a change of heart. His eponymous measure should be repealed, Mr. Dickey said.

Liberal spending review identifies no cuts, highlights new initiatives

BILL CURRY OTTAWA

A Liberal government pledge to root out waste and inefficient programs has yet to identify any spending cuts.

Instead, the government is using the review to justify new spending.

The plan for a wide-ranging spending review was laid out nearly a year ago in the 2017 budget, but a promise to show results in the 2018 budget never materialized.

The 2017 budget promised a "comprehensive review" of at least three federal departments that would "eliminate poorly targeted and inefficient programs, wasteful spending and ineffective and obsolete government initiatives."

It also promised a detailed review of the \$10-billion-a-year federal budget for purchasing and maintaining fixed assets, such as government buildings. A third element — which was addressed in the 2018 budget — promised to review federal innovation programs.

A spokesman for Treasury Board president Scott Brison — who shares responsibility for the reviews with Finance Minister Bill Morneau — said in a statement that the remaining work is still under way and details will be announced later.

After several days of gathering information, Mr. Brison's office provided *The Globe and Mail* with a brief update on what has been accomplished to date. The statement did not identify any specific savings. In fact, the statement highlighted new spending.

"The departmental reviews examine the department's governance and 100 per cent of its programming to ensure that the programs are efficient, effective and aligned with government priorities," spokesman Jean-Luc Ferland said. "While these reviews are yet to be completed, the review of [the Canada Border Services Agency] has already helped inform the \$85.5-million investment announced in Budget 2018. Furthermore, the Health Canada review helped inform the creation of the Department of Indigenous Services and Budget 2018's \$1.5-billion investment in indigenous health."

The Canada School of Public Service is the third organization under review.

Conservative Treasury Board critic Gérard Deltell said his party supports the notion of spending reviews, but questions the govern-

ment's fiscal discipline in light of its plans for an \$18.1-billion deficit with no plans for returning to balance.

"We are not very surprised," Mr. Deltell said, in reference to the fact that the Liberal spending review was not updated as promised in the Feb. 27 budget. "When you have a government that, in the big picture, decides to have a big deficit, three times as big as expected, with no zero-deficit target, this is why there is no seriousness in this government when it comes to being careful when spending public money."

Sahir Khan, a former expenditure-management director at Treasury Board, said Ottawa needs to be more transparent about its spending reviews. He noted a similar process announced in the 2007 budget under the Conservatives produced a clear breakdown in following budgets that showed where savings were found.

"The current government's initiative, while positive, appears to fall short of the 2007 benchmark," said Mr. Khan, who is now executive vice-president of the University of Ottawa's Institute of Fiscal Studies and Democracy.

Political pledges to root out waste are common in political platforms at all levels of government.

The federal Liberal Party's 2015 election platform promised to find \$3-billion a year in annual savings through a review of federal spending, including a review of tax credits.

Some of those pledges have been acted on. The controversy over the past year related to small-business tax changes was related to the Liberal review of various tax credits that can reduce taxes paid by individuals and businesses.

The Parliamentary Budget Officer has estimated that one aspect of the small-business tax changes related to income sprinkling will bring in more than \$400-million a year in new federal tax revenue. The federal government estimated in the 2018 budget that another small-business change related to passive investments would bring in more than \$700-million a year by 2022-23.

The government has also followed through on a campaign pledge to reduce Ottawa's advertising budget. The latest federal data shows annual spending is around \$36-million, which is down from \$68.7-million in the last full year under the Conservatives.

“The current government's initiative, while positive, appears to fall short of the 2007 benchmark.”

SAHIR KHAN
VICE-PRESIDENT OF THE UNIVERSITY OF OTTAWA'S INSTITUTE OF FISCAL STUDIES AND DEMOCRACY

Dozens killed in Bangladeshi plane crash in Nepal

GOPAL SHARMA KATHMANDU

At least 49 people were killed on Monday when a Bangladeshi airliner crashed in cloudy weather as it came in to land at the Nepalese capital's hill-ringed airport, officials said.

The chief executive officer of US-Bangla Airlines, Imran Asif, accused Kathmandu's air traffic control for giving wrong signals.

But airport general manager Raj Kumar Chettri said the pilot disregarded their messages and came in from the wrong direction.

Seventy-one people were on board the plane arriving from Dhaka when it clipped the fence at Kathmandu and burst into flames, Mr. Chettri said.

There were 33 Nepali passengers, 32 from Bangladesh, one from China and one from the Maldives.

"All of a sudden the plane shook violently and there was a loud bang," one of the survivors, Basanta Bohora, told the Kathmandu Post daily. "I was seated near a window and was able to break out of the window."

The accident was the latest to hit mountainous Nepal, which has a poor record of air safety. Small aircraft ply an extensive domestic network and often run into trouble at remote airstrips. "So far 49 people are dead and 22 are undergoing treatment at different hospitals," Sanjiv Gautam, executive director of the Civil Aviation Authority of Nepal (CAAN), told reporters.

Several people were rescued from the burning wreckage of the Bombardier Q400 series aircraft and are undergoing treatment at hospitals, army spokesman Gokul Bhandari said.

Mr. Chettri said that moments after the plane received permission to land, the pilot said he wanted to go in a northern direction.

Asked by the control tower if

there was a problem, he replied in the negative.

The plane was then seen making two rounds in a northeast direction, Mr. Chettri said. Traffic controllers again asked the pilot if things were okay, and he replied, "Yes."

The tower then told the pilot his alignment was not correct, but there was no reply, Mr. Chettri added.

"The plane should have come from the right direction," Mr. Chettri said, adding that it hit the airport fence, touched the ground and then caught fire.

It was not immediately clear if the pilot had issued a "Mayday" call, or distress signal.

US-Bangla Airlines' Mr. Asif, however, said that wrong signals might have led to the crash.

"A three-minute conversation between the pilot and the air traffic control before the landing indicated that they sent wrong signal to the pilot," he told reporters in Dhaka.

Many of the bodies that lay on the tarmac, covered with cloth, were charred, witnesses said. Thick plumes of smoke could be seen from the aircraft at the Tribhuvan International Airport.

Those on board include 12 Nepali tour agents who were returning after an annual sales conference in Bangladesh, an official said.

The aircraft that went down on Monday was 17 years old, data from tracking website Flightradar24.com showed.

It descended to an airport altitude of 1,341 metres and then climbed to 2,012 m before crashing about two minutes later, the website said.

Bombardier said on Twitter it was saddened by the accident.

"Our thoughts are with those injured, and their families," it said.

There have been a series of accidents at Kathmandu in the past.

REUTERS

Why Doug Ford is no Donald Trump

Unlike the President, the new PC Leader will rely heavily on votes from immigrant populations

JOHN
IBBITSON

OPINION



Doug Ford will try to assemble a conservative coalition first forged more than 20 years ago by Mike Harris. He will be opposed by the same urban progressive voters who despised Mr. Harris's Common Sense Revolution.

Both sides will fight for the support of the immigrant voters in suburban ridings inside and surrounding Toronto, which is why Mr. Ford's populism is utterly dissimilar to the populism of Donald Trump.

But first, a smidgen of history: The Progressive Conservative Party of Ontario was broke and dispirited when it voted for a new leader in May, 1990. The Big Blue

Machine, which had governed Ontario for 42 years, had been reduced to a third-place rump in the Ontario legislature, with no realistic hope of winning.

The party establishment rallied behind Dianne Cunningham, a centrist MPP from London, while a cabal of young, right-wing zealots championed Mike Harris from North Bay. Using the then-new system of direct voting by members, the party chose Mr. Harris.

Five years later, the Tories were still in third place and destined to perpetual opposition in the minds of most pundits and professors. But Mr. Harris's young advisers — Tom Long, Leslie Noble, David Lindsay, Deb Hutton, Alister Campbell, Tony Clement and a few others — believed voters were ready for a change after 10 years of Liberal and NDP rule. They crafted the Common Sense Revolution, which called for a balanced budget, major income-tax cuts and equally major cuts to spending, especially on welfare and other social programs.

Voters embraced the CSR, handing the Harris Tories two

consecutive majority governments. Those majorities were based on a coalition of rural and small-town voters and voters in the suburban cities outside Toronto that had just been given a new area code: 905. More than a decade later, those same voters would rally to Stephen Harper's federal Conservatives.

But Justin Trudeau won the 905 back for the Liberals federally, just as Dalton McGuinty and Kathleen Wynne captured them provincially. Which brings us to last weekend's Ontario PC leadership vote.

Mr. Ford did well among Tory voters in the 905. On the final ballot, he defeated Christine Elliott — who, like Diane Cunningham before her, was the choice of the party establishment — by two-to-one margins in parts of Mississauga, with its heavily immigrant population.

He also racked up big pluralities in places such as Vaughan and Richmond Hill and in many of the suburban ridings of Toronto itself — Etobicoke, North York, Scarborough — that also contain large numbers of immigrants.

So it's wrong to compare Fordism to Trumpism. The American President's coalition is rooted in racial resentment toward illegal Latino immigrants allegedly stealing jobs, toward foreign workers competing with American workers, toward Muslims accused of being potential terrorists. Trump populism is, at its heart, based on fear of the other.

Ford populism shares with its Mike Harris predecessor a dislike for big government, red-tape regulation, high taxes and waste. It especially derides the political, cultural, academic and journalistic elites in downtown Toronto.

But there is no anti-immigrant tinge to that populism—quite the opposite. If Mr. Ford succeeds, it will be because, like Mike Harris and Stephen Harper before him, he wins over economically and socially conservative immigrant voters in suburban ridings.

However, there are also big differences between Mr. Ford and Mr. Harris. For one, the Harris government largely steered clear of social conservatism, preferring to focus its efforts on tax cuts and

spending cuts.

Mr. Ford, however, wants to reopen the province's sex-ed curriculum and has murmured sympathetically to anti-abortion activists.

Then there is the environment. The Harris Conservatives expanded protected lands and began shutting down coal-fired power stations. Mr. Ford has vowed to scrap the provincial carbon tax that aims to combat global warming.

Most important, everyone knew what Mike Harris stood for — it was all there in the CSR — but no one knows how Mr. Ford would govern Ontario: whether and how he would balance the budget, whether and how he would cut taxes, where he would reduce spending.

He has time, though not much time, to tell us. But none of it will matter to progressive voters in places like downtown Toronto. They despised Mike Harris, they loathed Stephen Harper and they are already apoplectic about Mr. Ford.

In that respect, at least, this could be fun to watch.

Ford: 'It's not about Ford Nation any more. Everyone in the province is frustrated'

FROM A1

"It really, from my perspective, it didn't matter who the leader of the Conservatives will be, our policies are about investing in people, investing in the care of people in this province," she said. "There will be a stark choice in June, I don't think that's news to anyone."

Mr. Ford was declared the new leader late Saturday night after a chaotic convention. Members voted online in a system that let them rank the four candidates in order of preference and Mr. Ford won on the third ballot with 6,201 votes to Ms. Elliott's 6,049. While the former Tory MPP won the popular vote and most ridings, Mr. Ford won under a complex system that gave points for each riding.

The former councillor, who became a household name during his brother Rob's term as mayor of Toronto, ran a shoestring campaign, raising only \$113,550 from 254 donors, according to his filings with Elections Ontario. Political newcomer Caroline Mulroney raised more than \$800,000, but finished a distant third.

"It's not about Ford Nation any more. Everyone in the province is frustrated," Mr. Ford told the television network CityNews on Monday. "We are going to sweep this province. I'm predicting right now this is going to be the biggest majority this province has ever seen."

While only 64,053 Tories voted, Mr. Ford's strong results in the Greater Toronto Area could be dangerous for Ms. Wynne's Liberals, said Chris Cochrane, political science professor at the University of Toronto. While the Conservatives dominate in many of the province's rural areas, the long-governing Liberals' power base is around Toronto.

In the first ballot of the leadership contest, where voters could choose between Mr. Ford, the more moderate Ms. Elliott, Ms. Mulroney, and party activist



Ontario Progressive Conservative Leader Doug Ford speaks with reporters in downtown Toronto on Monday. MARK BLINCH/THE GLOBE AND MAIL

Tanya Granic Allen, the new leader had a solid showing across much of the GTA. In the suburbs of Scarborough and Etobicoke, he won large majorities on the first ballot. He also finished strongly in Mississauga and Hamilton.

"If Mr. Ford can perform in Toronto like he did in the past mayoral election and the Conservatives perform like they did provincially in the rest of Ontario, I think he can do very well," Prof. Cochrane said. Mr. Ford finished second to John Tory in Toronto's

mayoral race in 2014.

"I think he can reach outside of the traditional Conservative base and reach communities the Conservatives have stumbled to attract in past elections," he said, listing the areas around Toronto as an example.

The risk for Mr. Ford, he said, is that he could scare voters to the New Democrats. During the leadership race, Mr. Ford campaigned as a social conservative on issues of abortion and the sex-education curriculum. Ms. Granic Allen, who campaigned to Mr.

Ford's political right, was the kingmaker. On the first ballot, Ms. Elliott won about 35 per cent of the votes, short of the hoped-for 39 per cent, a member of her campaign team said. Ms. Granic Allen exceeded expectations by winning 14 per cent on the first ballot, the official said.

Two things allowed Mr. Ford to eke out a slim victory, the official said. More than 90 per cent of Ms. Allen's supporters chose Mr. Ford on the second ballot. Ms. Mulroney won 17 per cent of the votes on the first ballot, keeping her in

the race. But many of her supporters did not mark a second choice on the third ballot. Ms. Granic Allen's supporters largely pushed Mr. Ford over the top.

While Mr. Ford may struggle with female voters, his message could appeal to some NDP supporters, Prof. Cochrane said. "He can resonate with blue collars and trades people. He doesn't resonate because of his policies, but who he is and how he speaks," he said.

With a report from Karen Howlett



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Draft report by House Republicans says no collusion between Trump and Russia

MARY CLARE JALONICK
WASHINGTON

Republicans on the House Intelligence Committee have completed a draft report concluding there was no collusion or co-ordination between Donald Trump's presidential campaign and Russia, a finding that has enraged Democrats on the panel but is sure to please the White House.

After a yearlong investigation, Texas Representative Mike Conaway announced Monday that the committee has finished interviewing witnesses and will share the report with Democrats for the first time on Tuesday. Mr. Conaway is the Republican leading the House probe, one of several investigations on Russian meddling in the 2016 elections.

Mr. Conaway previewed several of the report's conclusions.

"We found no evidence of collusion," Mr. Conaway told reporters Monday, suggesting that those who believe there was are reading too many spy novels. "We found perhaps some bad judgment, inappropriate meetings, inappro-

appropriate judgment in taking meetings. But only Tom Clancy or Vince Flynn or someone else like that could take this series of inadvertent contacts with each other, or meetings or whatever, and weave that into sort of a fiction page turner, spy thriller."

The public will not see the report until Democrats have reviewed it and the intelligence community has decided what information can become public, a process that could take weeks. Democrats are expected to issue a separate report with much different conclusions.

In addition to the statement on co-ordination with Russians, the draft picks apart a central assessment made by the U.S. intelligence community shortly after the 2016 election — that Russian meddling in the campaign was intended to help Mr. Trump and hurt Democrat Hillary Clinton. Committee aides said they spent hundreds of hours reviewing raw source material used by the intelligence services to make that claim and that it did not meet the appropriate standards.

The aides spoke on condition

of anonymity because they were not authorized to speak about the material. Mr. Conaway said there will be a second report just dealing with the intelligence assessment and its credibility.

Democrats have criticized Republicans on the committee for shortening the investigation, pointing to multiple contacts between Mr. Trump's campaign and Russia and saying they have seen far too few witnesses to make any judgment on collusion. The Democrats and Republicans have openly fought throughout the investigation, with Democrats suggesting a coverup for a Republican president and one GOP member of the panel calling the probe "poison" for the previously bipartisan panel.

The top Democrat on the intelligence panel, California Representative Adam Schiff, suggested that by wrapping up the probe the Republicans were protecting Mr. Trump. He called the development a "tragic milestone" and said history would judge them harshly.

ASSOCIATED PRESS

We now know the arbitration positions of the OMA and Ontario government – and not much has changed

The labour dispute between the association and the Health Ministry is the biggest in North America, and it's far from over

ANDRÉ PICARD

ANALYSIS



A doctor performs surgery at Toronto General Hospital in April, 2014. FRED LUM/THE GLOBE AND MAIL

On Monday, the arbitration positions of the Ontario Medical Association and the Ontario Ministry of Health and Long-Term Care were made public.

There is nothing new in the documents and that, in itself, is surprising, and a bit troubling.

The bitter labour dispute between the Ontario government and the OMA has been going on for years.

The one glimmer of hope came last summer when the province and the OMA agreed to a framework for binding arbitration.

The first step of that process, in which each of the parties lays out its position, makes clear that both sides have dug in their heels.

This is the biggest labour contract in North America – it covers 38,450 physicians in 48 specialty groups. It's almost impossible to get it right, but we owe it to ourselves to try.

There are three principal issues to be discussed and resolved during the arbitration process:

- Redress for the cuts that have been imposed during the past four years that physicians have been without a contract;
- Compensation changes: increases in payments to physicians in a new four-year deal;
- Establishment of the overall physician services budget.

Let's look at each of those in turn.

Ontario physicians have seen their fees cut by approximately 7 per cent during the time they have been without a contract. The number is imprecise because the cuts have occurred in different ways, including across-the-board reductions in fees, larger targeted cuts for specific specialties and rollbacks when the overall physician services budget is exceeded.

The impact also varies considerably between individual physicians. Ontario doctors bill, on average, \$375,500 annually, but that's before overhead for offices and equipment, which can vary a lot.

The OMA is asking the arbitration panel to reverse the cuts and allow doctors to recoup those monies. The ministry position is that the payment discounts and

fee cuts should remain in place and there should be no redress.

That's a reminder that there is a yawning gulf between the two parties on how to patch things up for the poor labour relations of the past four years.

And negotiating a contract for the next four years is, arguably, even more difficult.

The OMA is looking for a 4.26-per-cent fee increase effective April 1, 2017 – 1.4 per cent annually for the past three years, roughly equivalent to increases afforded public-sector workers.

In addition, the OMA is asking for a 2.6-per-cent increase annually for the next four years. All told, almost 15 per cent more by 2021.

Ontario, by contrast, is offering 3 per cent more over four years, with no retroactive payments for

the years without a contract. In addition, it proposes that high-billing physicians would see their fees rolled back – 10 per cent for those who bill more than \$1-million and 20 per cent for those who bill more than \$2-million.

The physician services budget is currently \$11-billion, about 20 per cent of the overall provincial health budget. It increases with demand for services – 140,000 new citizens, 1,000 new physicians, an aging population and new technologies.

The province wants to cap the overall increase at 1.9 per cent a year and, if the cap is exceeded, physician fees would be rolled back.

The OMA says costs are rising at 3.6 per cent a year, without taking into consideration increased physician fees. It wants no cap on

the physician services budget.

Negotiations begin in earnest on May 24, with presentations to the board of arbitration, and they are scheduled to continue until October.

Beyond the contract, there are fundamental questions raised here: Does the way we pay physicians make any sense? If you cut funding to doctors, does patient care suffer? How does government rein in spending if it puts no caps on spending – for doctors and elsewhere? And, most important of all, how do we ensure value for money for the health dollars?

The Ontario election is in June. By agreeing to arbitration, the government managed to punt some tough decisions forward. Whatever party wins will inherit this hot mess.



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Saudi Arabia accused of coercing princes, businessmen to surrender assets

Many detained in Ritz-Carlton in November surrendered huge sums of money and real estate to the government

MARK MAZZETTI RIYADH

Businessmen once considered giants of the Saudi economy now wear ankle bracelets that track them. Princes who led military forces and appeared in glossy magazines are monitored by guards they do not command. Families who flew on private jets cannot gain access to their bank accounts. Even wives and children have been forbidden to travel.

In November, the Saudi government locked up hundreds of influential businessmen — many of them members of the royal family — in the Riyadh Ritz-Carlton in what it called an anti-corruption campaign.

Most have since been released but they are hardly free. Instead, this large sector of Saudi Arabia's movers and shakers are living in fear and uncertainty.

During months of captivity, many were subject to coercion and physical abuse, witnesses said. In the early days of the crackdown, at least 17 detainees were hospitalized for physical abuse and one later died in custody with a neck that appeared twisted, a badly swollen body and other signs of abuse, according to a person who saw the body.

In an e-mail to The New York Times on Sunday, the government denied accusations of physical abuse as “absolutely untrue.”

To leave the Ritz, many detainees not only surrendered huge



In November, the Saudi Arabian government locked up hundreds of influential businessmen and members of the royal family in the Riyadh Ritz-Carlton Hotel, seen above in February.

sums of money, but also signed over to the government control of precious real estate and shares of their companies — all outside any clear legal process.

The government has yet to actually seize many of the assets, leaving the former detainees and their families in limbo.

One former detainee, forced to wear a tracking device, has sunk into depression as his business collapses. “We signed away everything,” a relative of his said. “Even the house I am in, I am not sure if it is still mine.”

As the architect of the crackdown, Crown Prince Mohammed bin Salman, prepares to travel to the United States this month to court U.S. investment, Saudi officials are spotlighting his reforms: his promise to let women drive,

his plans to expand entertainment opportunities and his moves to encourage foreign investment. They have denied any allegations of abuse and have portrayed the Ritz episode as an orderly legal process that has wound down.

But extensive interviews with Saudi officials, members of the royal family, and relatives, advisers and associates of the detainees revealed a murkier, coercive operation, marked by cases of physical abuse, which transferred billions of dollars in private wealth to the crown prince's control.

Corruption has long been endemic in Saudi Arabia, and many of the detainees were widely assumed to have stolen from state coffers. But the government, citing privacy laws, has refused to

specify the charges against individuals and, even after they were released, to clarify who was found guilty or innocent, making it impossible to know how much the process was driven by score-settling.

Part of the campaign appears to be driven by a family feud, as Salman presses the children of King Abdullah, the monarch who died in 2015, to give back billions of dollars that they consider their inheritance, according to three associates of the Abdullah family.

And although the government said the campaign would increase transparency, it has been conducted in secret, with transactions carried out in ways that avoid public disclosure, and with travel bans and fear of reprisals preventing detainees from speak-

ing freely.

The government said in its email that “the investigations, led by the Attorney-General, were conducted in full accordance to Saudi laws. All those under investigation had full access to legal counsel in addition to medical care to address pre-existing, chronic conditions.” The government, and several Saudi officials contacted separately, declined to answer further questions about the crackdown.

They have argued, however, that it was a necessarily harsh means of returning ill-gotten gains to the treasury while sending a clear message that the old, corrupt ways of doing business are over. And they have defended the process as a kind of Saudi-style plea bargain in which settlements were reached to avoid the time and economic disruption of a drawn-out legal process.

In a separate statement on Sunday announcing new anti-corruption departments in the Attorney-General's office, the government said that King Salman and his son, the crown prince, “are keen to eradicate corruption with utmost force and transparency.”

But the opaque and extralegal nature of the campaign has rattled the very foreign investors the prince is trying to woo.

“At the start of the crackdown, they promised transparency but they did not deliver it,” said Robert Jordan, who served as U.S. ambassador to Saudi Arabia under president George W. Bush. “Without any kind of transparency or rule of law, it makes investors nervous that their investments might be taken and that their Saudi partners might be detained without any rationale or the charges.”

NEW YORK TIMES NEWS SERVICE

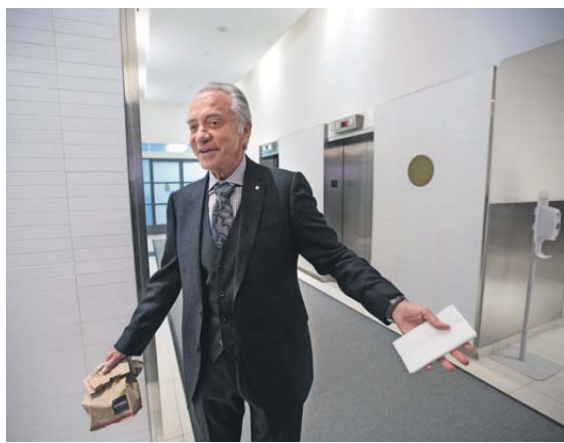
Media: Probe raises questions about changing the scope of competition for ad dollars

■ FROM A1

Citing its obligation to conduct inquiries confidentially, it added that it would not comment further at this time.

The investigation raises questions about the changing scope of competition for advertising dollars — both in Canada and elsewhere. Print newspapers have faced an existential crisis, not just from audiences that have migrated online, where advertising is far less lucrative; but also in outsized competition from digital giants such as Google Inc. and Facebook Inc. Those tech companies have accumulated scale with a massive share of data on consumers that advertisers demand. Both Torstar and Postmedia have characterized the deal as a matter of survival, and have suggested that in many of the markets where publications were closed, customer demand was not sufficient to sustain more than one newspaper.

The merger provisions of the Competition Act address whether the acquisition of a competitor or a competitor's assets leads to substantial consolidation that would lessen competition. The bureau has up to a year after a transaction to review it, and remedies can include dissolving the merger or altering it so that some assets or shares of assets



Paul Godfrey, chief executive of Postmedia Network Inc., heads back to his office on Monday. FRED LUM/THE GLOBE AND MAIL

are required to be sold off to a competitor.

The conspiracy provisions, under which this deal is also being reviewed, carry stiffer penalties — including fines up to \$25-million, up to 14 years imprisonment, or both — as well as a higher bar for conviction. One type of conspiracy under the act is known as “market allocation,” or an agreement between competitors not to compete in certain geographic areas.

That agreement does not have to be explicit to qualify as a conspiracy, according to competi-

tion and anti-trust lawyer Denes Rothschild, a partner at Borden Ladner Gervais LLP in Toronto.

“You don't have to have a deal in writing, saying we'll stay out of your territory if you stay out of our territory,” Mr. Rothschild said.

“If the circumstances show beyond a reasonable doubt that there was a tacit arrangement, that can be enough to find conspiracy under the act.”

Torstar and Postmedia had discussed the possibility of swapping some of their newspapers for around two years.

The deal involved mostly community newspapers, many of them weeklies, although it included some dailies and commuter papers as well.

“Closing papers doesn't make anyone happy. Loss of jobs, loss of brands — but all these products are losing money,” Postmedia chief executive officer Paul Godfrey said in an interview at the time of the deal, in November. “We have no choice but to concentrate our focus. ... We feel that this is a necessity. We're talking about the survival of these [remaining] papers, and the survival of the industry.”

Torstar spokesperson Bob Hepburn confirmed in an e-mail that officials from the bureau visited its corporate offices “seeking more information about the transaction with Postmedia ... and we are co-operating completely with them.”

“In addition, as previously communicated to the bureau, Torstar will this week be voluntarily providing the bureau with additional company documents relating to the transaction,” Mr. Hepburn added.

Postmedia confirmed in a statement that the bureau had executed a search warrant connected to the deal.

“Postmedia is strongly of the view that there has been no contravention of the Competition Act with respect to this matter and Postmedia is co-operating

with the Competition Bureau in connection with their investigation,” the statement said.

At the Postmedia offices on Monday morning, two Toronto police officers from the financial crimes unit said they were on site to accompany the Competition Bureau, who were conducting an investigation. People wearing jackets labelled “Competition Bureau” as well as Toronto police could be seen inside the 12th-floor executive offices of Postmedia. An RCMP officer was seen taking the elevator up to the 12th floor earlier in the morning.

In an interview with The Globe and Mail in January, Torstar chairman John Honderich referred to the newspaper swap as a “consolidation deal” meant to “lengthen the runway” in coping with market pressures that the company faced.

“That has meant some of the voices that have been around are no longer there,” Mr. Honderich said.

“In Ontario there were often competing media outlets and so now you have one, but there are areas such as Moose Jaw and others, where there's nothing. ... I'd like to see a world where there are as many voices in as many places as possible. That's just not viable.”

The closings led to a loss of 291 full-time and part-time jobs, mostly in Ontario.

Skripal: British PM wins some support from U.S. administration

■ FROM A1

It was Ms. May's harshest tone yet toward Russia. She's been accused of pedalling a soft line on Russian interference in the West, and has faced particular criticism over her handling of the case of Alexander Litvinenko, a Russian spy who died in London in 2006 after drinking tea laced with radioactive polonium-210.

A British inquiry concluded in 2016 that the death was probably orchestrated by Russia's FSB intelligence service and sanctioned by Russian President Vladimir Putin.

Ms. May was home secretary at the time, and while she condemned Mr. Litvinenko's death as a “blatant and unacceptable” breach of international law, she held off on recommending sanctions, citing the need to co-operate with Russia on issues including the fight against terrorism

and the Syrian conflict. Britain expelled a few Russian diplomats, dropped some visa plans and froze the assets of the two men directly involved in the death, but did not impose sanctions.

This lack of a strong response came into focus when Mr. Skripal fell ill and questions immediately surfaced about whether Russia was involved. Mr. Skripal had been a valued double agent for MI6 until his arrest in Moscow in 2004. He was sentenced to 13 years in prison for treason but was released in 2010 and came to Britain after a spy swap between Russia, the United States and Britain. He has lived quietly in Salisbury ever since, frequently visited by his daughter, who lives in Moscow. Police found them slumped on a bench outside a shopping mall and they were rushed to hospital where they are in critical condition. A police

officer is also in serious condition, and health officials have warned anyone who was in a pub and restaurant the Skripals visited that afternoon to clean their clothes, jewellery, glasses and cellphones.

Ms. May has been under increasing pressure to take a firm stand on the Skripal case. Several of her Conservative colleagues are calling for a crackdown on Russian assets in London. Tom Tugendhat, a Tory MP and chair of the parliamentary foreign affairs committee, told the BBC on Monday that “the key is making sure we make Putin realize what we're doing and make people who support him realize that supporting him isn't a great idea.”

On Monday, Ms. May said she will wait to hear from the Russian ambassador before announcing new measures on Wednesday.

But she indicated tough action was coming as she leveled a blistering attack on Russian “state aggression,” citing the annexation of Crimea, the “sustained campaign of cyber espionage” and record of “state-sponsored assassinations.”

She added that while Britain has worked with its allies to secure sanctions against Russia before, “we must now stand ready to take much more extensive measures.”

It's unclear how far Ms. May can go. The United States and European Union have shown little interest in imposing additional sanctions on Russia, and international outrage about the Skripal case has been scant.

The only concrete action Britain has mentioned so far is withdrawing British dignitaries from the soccer World Cup in Russia this summer. On Monday, Ms. May said the government

will consider introducing legislation that would allow assets of corrupt officials to be confiscated.

Ms. May did win some backing from U.S. President Donald Trump. White House spokeswoman Sarah Sanders said the Trump administration stood by Britain.

“The use of a highly lethal nerve agent against U.K. citizens on U.K. soil is an outrage,” Ms. Sanders said. However, it's not certain Mr. Trump will support further Russian sanctions.

The Russian government has denied involvement in the Litvinenko or Skripal cases.

On Monday, Russian Foreign Ministry spokeswoman Maria Zakharova called Ms. May's allegations a “circus show in the British Parliament,” while the Russian embassy in London said the British response is dangerous.

Tariffs: Trump threatened to expand duties

■ FROM A1

President Trump temporarily exempted Canada and Mexico from new tariffs of 25 per cent on foreign steel and 10 per cent one on aluminum; he imposed those tariffs last week, citing China's dumping of excess product at below market rates as a national-security threat.

Joseph Galimberti, president of the Canadian Steel Producers Association, said Ottawa is being urged to add staff to Global Affairs Canada and hire more inspectors for the Canada Border Services Agency.

He said the government needs to monitor steel imports more closely so that if shipment volumes are rising, it can react quickly to stop Canada from becoming a dumping ground into the U.S. market.

Trade actions against offshore steel initiated by the government and brought to the Canadian International Trade Tribunal would likely carry a greater sense of urgency than those brought by industry, Mr. Galimberti said in an interview.

Mr. Trudeau said his government is working hard to ensure that the exemptions stay in place and took issue with the U.S. President's decision to use the tariffs as a bargaining chip.

Mr. Trump has threatened to expand the steel and aluminum duties to the two countries if there is no progress on meeting U.S. demands in the negotiations on the North American free-trade agreement.

Foreign Affairs Minister Chrystia Freeland is heading to Washington on Tuesday for two days of talks with Commerce Secretary Wilbur Ross and U.S. Trade Representative Robert Lighthizer as well as key congressional leaders. Her office said the talks are focused on pushing the ball forward on the NAFTA talks.

Mr. Trudeau said that the consequences of putting tariffs on steel and aluminum in Canada "would mean pain for workers here in Canada but also job losses and difficulties for workers and their families in the United States," he said. "That is because the level of integration within our two markets is deep, complex and profitable to both of our countries."

Mr. Trudeau argued that Canada – the largest supply list of steel to the United States – is a key American defence ally and noted Canadian steel is used to manufacture U.S. tanks and Canadian aluminum is in America warplanes.

Mr. Trudeau also took Canada's case to U.S. cable channels on Monday with appearances on MSNBC and CNN. He is scheduled to tour steel mills in Hamilton, Sault Ste. Marie and Regina this week.

Executives in the steel-processing sector describe the manner in which countries and importers get around tariffs as being akin to a sheet of paper. If there's a tariff on a piece of paper, turn it into a paper airplane and it's in a different category and no longer subject to a tariff.

So steel-processing centres in Canada could import metal from China or India or other countries subject to the tariff and then sell it to an auto-parts maker or an energy company that turns it into something with a different tariff code.

This form of processing allows it to be stamped "made in Canada" and could avoid the U.S. tariff, which is why the federal enforcement officials will need to identify the country of origin of the original steel, said one industry executive who asked that his name not be used because he is not authorized to speak to the media.

Texas police say package bombs likely linked

PAUL J. WEBER AUSTIN, TEX.

Two package bomb blasts a few miles apart killed a teenager and wounded two women in Austin, Tex., on Monday, less than two weeks after a similar attack left a man dead in another part of the Texas capital.

Investigators said the bombings are probably connected, and they are looking into whether race was a factor because all of the victims were minorities. The blasts unfolded just as the city was swelling with visitors to the South By Southwest music festival.

The first of Monday's attacks killed a 17-year-old boy and wounded a 40-year-old woman, both of them black. As Police chief Brian Manley held a news conference to discuss that attack, authorities were called to the scene of another explosion that injured a 75-year-old Hispanic woman. She was taken to a hospital with potentially life-threatening wounds.

Authorities suspect that both of Monday's explosions were linked to a March 2 attack that killed a 39-year-old black man. All three blasts happened as the packages were opened, and officials urged the public to call police if they receive any unexpected packages.

"This is the third in what we believe to be related incidents over the past 10 days," Mr. Manley said while briefing reporters



Austin Fire Department officials attend the scene of a package explosion on Galindo Street in east Austin, Tex., on Monday. REUTERS

near the site of Monday's second explosion. He at first suggested that the blasts could constitute a hate crime, but later amended that to say authorities had not settled on a motive.

"We are not ruling anything out at this point," said Mr. Manley, who said the intended targets were not clear since multiple people live in the homes where explosives were placed. "We are willing to investigate any avenue that may be involved."

The police chief refused to provide many details about how the explosives were packaged, citing the continuing in-

vestigation. But he said they were an "average-size letter box" and "not particularly large."

In all three cases, he said, the packages did not appear to have gone through the U.S. Postal Service or private carriers such as UPS. They were left on doorsteps without a knock or ringing of doorbells.

The explosions happened far from the main events of the wildly popular festival known as SXSW, which brings about 400,000 visitors to Austin each year. Mr. Manley urged visitors to "be aware of what's going on."

"Enjoy yourself. Have a good time," he said.

"There's no reason to believe that you are at any greater risk other than be aware, look for things that are suspicious."

In a tweet, organizers of the festival said "SXSW is heartbroken by the explosions in Austin," and they urged visitors to stay safe. Governor Greg Abbott offered a US\$15,000 reward for information leading to an arrest.

Four years ago, a driver plowed through a barricade and into festivalgoers, killing four people and injuring many others. Extra security measures were taken, including additional policing, tougher security checks and brighter street lighting.

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Court approves DNA testing for decades-old case

Lawyer says ruling is a 'significant step forward' for man fighting back against 1983 sentence

SUNNY DHILLON VANCOUVER

A British Columbia court has approved a request for further DNA testing in the case of a man who has served 35 years in prison for a murder he says he did not commit.

Phillip Tallio pleaded guilty to second-degree murder in November, 1983, about six months after the rape and murder of his 22-month-old cousin in the small community of Bella Coola, B.C.

Mr. Tallio was sentenced to life in prison with no chance of parole for 10 years. But he has maintained his innocence ever since and remains in prison more than three decades later. He was 17 at the time of the killing and is one of the country's longest-serving inmates.

The B.C. Court of Appeal ruled Monday that a request from Mr. Tallio for additional DNA testing was in the interests of justice.

"In this case, there appears to be evidence that excludes Mr. Tallio as the perpetrator and evidence that does not exclude Mr. Tallio as the perpetrator. He seeks further scientific testing that may exculpate him. It may also inculpate him. That is a risk he is willing to take," Justice Elizabeth Bennett wrote in the unanimous three-judge ruling.

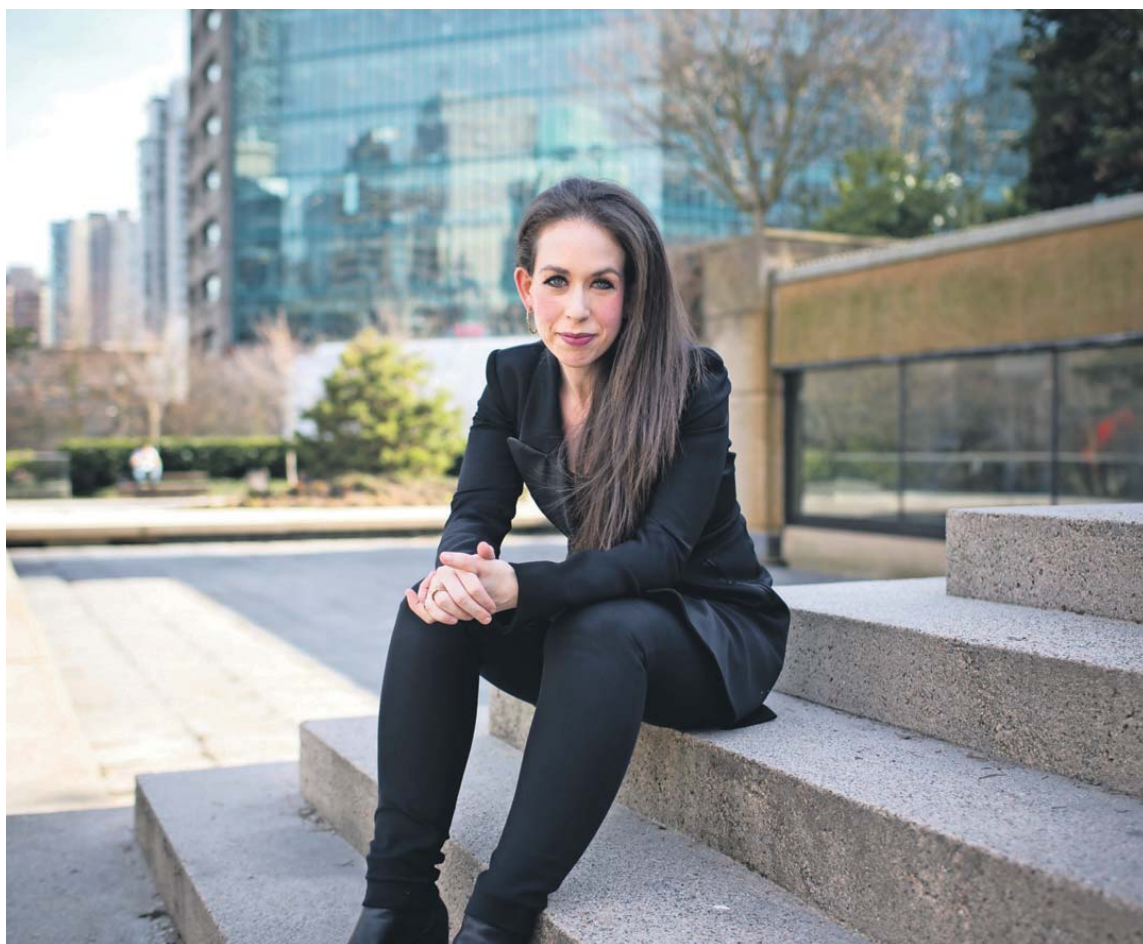
Outside court, Rachel Barsky, one of Mr. Tallio's lawyers, described the decision as a "very significant step forward."

Theresa Hood, who was pregnant with Mr. Tallio's child when he was arrested, said in an interview that she was very pleased with the decision.

"I feel that it's going to prove that he's innocent, like he's been saying for the last 35 years of his life," she said.

There was no direct evidence linking Mr. Tallio to the murder, and the case rested on his alleged confessions to police and to a forensic psychiatrist, both of which raised serious questions at the time.

In the first statement, Mr. Tallio is alleged to have confessed to the RCMP after 10 hours of in-



Lawyer Rachel Barsky, seen in Vancouver on Monday, represents a man sentenced to life in prison in 1983. BEN NELMS/THE GLOBE AND MAIL

Although he maintained his innocence in the recorded interrogation, he apparently confessed during a period in which the police tape recorder failed.

terrogation, during which the cognitively impaired teen had not been given a chance to speak with a lawyer or anyone else who could assist him. Although he maintained his innocence in the recorded interrogation, he apparently confessed during a period in which the police tape recorder failed. That alleged confession was excluded from Mr. Tallio's trial because of questions as to whether it was voluntary.

The other alleged confession was made to forensic psychiatrist Robert Pos and was also unrecorded. Mr. Tallio later denied making either confession and said he'd never even spoken with the psychiatrist. As with other key participants in the case, Dr. Pos is now deceased.

The court was considering whether to admit the alleged

statement made to Dr. Pos when Mr. Tallio accepted a plea deal for second-degree murder. Pleading guilty to second-degree meant he would be eligible for parole after a decade, rather than the minimum 25-year parole eligibility for first-degree murder.

But Mr. Tallio has steadfastly proclaimed his innocence and has been repeatedly denied parole because of his refusal to accept responsibility for the crime.

The B.C. Court of Appeal last year ruled Mr. Tallio could appeal his conviction, decades after the deadline to do so had passed. His application to appeal focused on DNA evidence, concerns about the police investigation, evidence of Mr. Tallio's cognitive limitations and reports of systemic racism, among other things.

In Monday's ruling, the appeal court noted that some DNA samples, which were taken at the victim's autopsy, have already been tested in recent years. The court said the first round of testing had ruled out Mr. Tallio.

However, it said he could not be excluded as a possible contributor in the second round of DNA testing. Counsel for Mr. Tallio has noted his uncle also could not be ruled out in that round.

The Crown had argued the DNA results were likely contaminated and further testing should not occur because it would not produce a satisfactory result.

But in its Monday decision, the court said the interests of justice demanded that further tests be performed.

With a report from Jana Pruden

B.C. court rules in favour of buyer who left real estate deal over fatal shooting

IAN BAILEY VANCOUVER

A woman who failed to disclose to the buyer of her house the shooting death of her son-in-law outside the family's Vancouver home has lost a lawsuit she filed against the purchaser, who walked away from the \$6-million deal when she learned about the crime.

Mei Zhen Wang listed the six-bedroom home - with 10 bathrooms - in Vancouver's prosperous Shaughnessy neighbourhood for sale in 2009, telling a prospective buyer that she was selling because her granddaughter had moved to a school in the nearby city of West Vancouver.

But she did not explain the underlying reason for the move: The girl's father, who was alleged to be a member of a gang known as the Big Circle Boys, was gunned down outside the property two years earlier.

When the buyer, Feng Yun Shao, learned of the killing, she cancelled the sale and demanded her deposit back, prompting Ms. Wang to sue.

B.C. Supreme Court Justice Paul Pearlman concluded Ms. Wang offered an "incomplete" explanation for selling the home.

"The question at the core of this dispute is whether the failure of the vendor to disclose the unsolved murder of an occupant



A man was gunned down in front of a home in Vancouver's prosperous Shaughnessy neighbourhood in 2007, a fact that was not disclosed to the prospective buyer. BEN NELMS/THE GLOBE AND MAIL

of the property, which occurred almost two years before the sale, entitled the buyer to refuse to complete the purchase, and to recover her deposit," Justice Pearlman wrote in a ruling issued on Monday.

Justice Pearlman described the given reason for sale of the property as "false representation by omission," noting that the granddaughter's move to West Vancouver was directly connected to the killing.

"The death was a factor in the plaintiff's decision to sell the property," the judge wrote.

Justice Pearlman ordered the return of Ms. Shao's deposit, as well as damages of \$4,040.44.

Ms. Shao was born and educated in China, where she was an entrepreneur with a retail clothing business. She moved with her husband and three daughters to Canada in 2007 as a landed immigrant.

Ms. Wang, 84, emigrated from China to Canada in 2004 with her late husband. She had testified during the trial that one of her daughters, Gui Ying Yuan, purchased the property, on her behalf, for \$3.7-million in 2003. Ms. Wang and her husband eventually joined Ms. Yuan's family as residents of the 9,018-square-foot property.

Ms. Yuan was married to Raymond Huang. They had two children.

On Nov. 3, 2007, Mr. Huang, a businessman whose enterprises included a trucking company and restaurant, was shot outside the front gate to the property and died on the sidewalk there.

Ms. Yuan, in testimony, denied her husband was a member or leader of an organized crime group called the Big Circle Boys, saying he was a businessman.

Ms. Wang said twice during cross examination that she did not understand the question of whether her son-in-law was a member of the Big Circle Boys. Justice Pearlman described her response as "evasive."

Yet, media reports linking Mr. Huang to organized crime

prompted the private school of one of Ms. Wang's granddaughters to ask that the child be removed. Ms. Yuan said that, but for her husband's killing, her daughter would have remained at the school.

Ms. Yuan and her children moved out in the summer of 2008, though she denied she had any concerns about her safety.

Yet her mother said, in an earlier examination for discovery, that she was concerned about the safety of her family members, who were living at the property.

The family said they tried to sell the house because Ms. Wang had relocated to China and had no plans to return to Canada, and Ms. Yuan's daughter had passed the entry exam for a private school in West Vancouver.

In 2009, Ms. Wang agreed to sell Ms. Shao the home for \$6.1-million.

Ms. Shao did not ask, ahead of purchasing the property, whether any deaths had occurred at or near the property.

However, she learned of the death in September of 2009 through a friend and her husband found more material through a Google search.

When the sale failed to go through, Ms. Wang launched a suit seeking the deposit of \$300,000 and additional charges of \$338,000.

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Cities find creative solutions to dog-poop problems

Waterloo's receptacles dedicated to the waste are diverting a substance known for spoiling recyclables and turning it into power

NOELLA OVID

Some cities in Ontario are turning poop into power by building new receptacles dedicated to dog excrement and sending the waste to organic waste plants to be converted into energy and fertilizer.

It is the latest attempt by municipalities to tackle the urban dog-waste epidemic that is taking place as dog ownership increases.

The dog population in Canada has steadily risen over the past decade, going up to 7.6 million in 2016 from 6.4 million in 2014, with approximately 41 per cent of households including at least one dog.

This has created a problem for cities across the country as the canine waste that gets picked up in parks is being thrown into the wrong garbage bins – and even when it is put into the correct bins, it still ends up in a landfill.

The new poop-power system has been in place in Waterloo, Ont., for the past year, where dog waste makes up 80 per cent of the waste in garbage cans in city parks and along trails.

Last April, Waterloo became the first city in Ontario to implement dog-waste containers in three parks. After four months of testing in the summer of 2017, the three containers were found to have diverted 2,350 kilograms of dog waste from landfill. Instead, the waste ends up in an organic waste plant where it is converted into electricity.

In “just those three sites, we’ve actually redirected tonnes of dog waste from landfill sites, we’ve diverted half a tonne of



Dog owners stand by the dog-waste containers that collect excrement to be converted into renewable energy at the Bechtel Dog Park in Waterloo, Ont., last Friday.

HANNAH YOON/
THE GLOBE AND MAIL

CO2 from the atmosphere and we’ve generated enough electricity to power 100 homes for a month,” Waterloo Mayor Dave Jaworsky said.

Mr. Jaworsky said that if the project is successful, the city hopes to eventually move back to putting blue bins in parks. Currently, Waterloo parks do not carry recycling bins, to prevent dog waste from getting mixed into them, as it is in garbage bins.

“It’s 250 tonnes of waste, of which more than half is dog waste just in Waterloo, Ont.; imagine how much it is across Canada. It’s almost like we’ve discovered brown gold,” Mr. Jaworsky said.

In Mississauga, the viability of recyclables has already been compromised as people continue throwing dog poop into park recycling bins.

“Even 30 seconds after telling them that dog waste is not recyclable, it has to go into the garbage, they put it into the recycling container anyway,” said Christopher Pyke, project lead and supervisor of waste management for the city.

The city also receives a lot of complaints regarding the amount of dog waste on boulevards and in parks, Mr. Pyke said.

“As the population grows and urbanization increases, you’re finding that more people in apartments and condos in urbanized parts of the city have dogs and are looking for places to walk them,” Mr. Pyke said. “In those small parks now, you’ve got a lot more people in a confined area that have to have a place for their dog, and a dog does what a dog does.”

Waste audits completed in 2015 and 2016 found that 100 per cent of mixed-recycling bins in the inspected city parks were contaminated with non-recyclables and approximately 55 per cent of the total recycled material weight was contaminated with dog waste.

Even 1 per cent of dog feces mixed into recycling bins forces the entire container to be classified as contaminated and end up in a landfill, Mr. Pyke said.

Starting in late April, the city of Mississauga will be installing 15 in-ground waste containers in

eight city parks, including Jack Darling Memorial Park, Lakeside Park and Lake Aquitaine Park. The cost of installation is \$90,000.

The concrete containers, created by a North American in-ground waste-containment company called Sutera Inc., will be placed underground so they remain cool and out of direct sunlight in order to reduce odour. The containers will be able to hold dog waste for up to six weeks.

Once the containers are full, the waste will be emptied by vacuum truck and taken to an organic waste plant to be converted into energy and fertilizer.

The city will be assessing the amount of dog waste taken away from landfills, the amount of dog waste collected, the amount of uncontaminated recyclables and pet-owner engagement.

The city’s targets include collecting 60 metric tonnes of dog waste annually and approximately 60 per cent of uncontaminated mixed-recyclable material.

Bill Higgins, director of business development at Sutera, who came up with the idea for the project with Mr. Pyke, said he’s since had about 50 municipalities contact him for the containers, which cost less than \$3,000 each.

All of the municipalities he’s spoken with have said that 40 per cent to 80 per cent of what they collect in their parks is dog waste, he added.

The city of Cambridge, Ont., is the latest to install two of Sutera’s containers, while a number of other cities are currently working through the process. The containers installed so far have been in Ontario, but Sutera has received interest from California, Seattle and South Carolina, Mr. Higgins said.

In the summer, the dog-waste containers will also be installed in some private properties and high-rise condominiums across North America.

WHEN JOURNALISTS ARE TARGETED THE TRUTH DIES



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EXPRESSION

Vanilla valuation

Food industry scrambles to find affordable solutions as price of the baking staple skyrockets



Vanilla is derived from orchids. Each flower must be hand-pollinated and the crops themselves are particularly susceptible to vine disease and storms before the pods are harvested. PHOTOS BY AUST & HACHMANN CANADA

JULIE VAN ROSENDAAL

When it comes time to replace that little bottle of vanilla in your pantry, prepare for some sticker shock.

"When we opened Provisions four years ago, we were selling a four-ounce bottle of vanilla-bean paste for \$5.75, and now we sell it for \$32," says Giselle Courteau, who owns the popular Duchess Bake Shop, as well as a small high-end store for home bakers next door called Provisions, in Edmonton.

Vanilla is a staple in any baker's pantry, but a recent confluence of

events – a "perfect storm" – has led to an unprecedented spike in prices, with the cost of the ingredient rising to almost 20 times as much as it did a few years ago. A kilo is now \$700, up from \$40 in 2011, reports David van der Walde, director of Aust & Hachmann Canada, a Montreal-based vanilla importing company affiliated with the oldest vanilla importers in the world. It is now the second-

most expensive spice in the world, after saffron.

The food industry has found itself scrambling to find affordable solutions, while vanilla growers face new challenges. And some restaurateurs now report an underground market for the ingredient has emerged.

"People think vanilla is so plain, so simple," Mr. van der Walde says, "but it's probably the most complicated flavour out there." The raw material for this wildly popular flavouring is not easily obtained. Vanilla is a high-risk, labour-intensive product; derived from orchids, each flower must be hand-pollinated, and the crops themselves are particularly susceptible to vine disease and storms before the pods are harvested by hand and cured in small batches using traditional methods.

Madagascar and its surrounding islands have always been the world's dominant supplier of vanilla, accounting for roughly 80 per cent of the global supply of the beans. Last March, Cyclone Enawo, the strongest cyclone to hit Madagascar in 13 years, tore through the island, damaging about 30 per cent of vanilla crops and reducing their expected harvest by a third. At the same time, the food industry's demand for natural vanilla has spiked considerably.

Vanilla is used not only in vanilla-flavoured products, but plays a supporting role, adding creaminess to other flavours, such as chocolate, as well. "Eighty per cent of the market is industrial vanilla, and that's what drives the pricing," Mr. van der Walde says. "It's the most important flavour in the food industry, by far."

Just before production dropped, he says, Nestlé, Unilever and General Foods – three companies that control about 80 per cent of the products on our supermarket shelves – decided they wanted their mainstream products to feature more natural ingredients. In place of artificial flavouring, they

turned to real vanilla. "It was almost a perfect storm to create an environment for higher prices."

Now, theft of vanilla beans is on the rise, pressuring farmers to protect their crops and often harvest the beans early, which can result in an inferior product. While some may see the combination of circumstances as an opportunity to establish a stronger foothold and gain a larger market share, it takes a plantation of vanilla orchids four to five years to get up and running, so there's no quick solution. "India has been on the sidelines trying to get production up," Mr. van der Walde says. "I suspect one day they are going to figure it out and become a major player in vanilla, but they're not there yet."

According to the United Nations Food and Agriculture Organization, Madagascar harvested 67,823 hectares and produced 2,926 tonnes of vanilla in 2016, compared with 14,104 hectares in Indonesia, 1,863 hectares in Papua New Guinea and just 979 hectares in Mexico. With so much of the world's vanilla coming from one place, other growing regions don't have the capacity to pick up the slack.

With plans to expand his patisserie this spring, Calgary pastry chef Yann Blanchard likes to have a range of vanilla varieties in his kitchen, and hoped to offer three types of vanilla ice cream as well as vanilla-ganache-filled chocolates, but is now rethinking his menu because of rising costs and inconsistent supply chains.

"I had quite the supply of vanilla from Mexico, Tahiti and Madagascar, so I wasn't worried," Mr. Blanchard says, "but now I am. Either I can't get the provenance I want, or the price is ridiculous. I used to get Mexican beans straight from the farmer, but I can't get affordable shipping any more. Tahitian beans are my personal favourite, but hard to import."

Mr. Blanchard says he was made aware of struggles within





Workers harvest vanilla in Madagascar for Aust & Hachmann Canada, a Montreal-based vanilla importing company affiliated with the oldest vanilla importers in the world. Madagascar and its surrounding islands have always been the world's dominant supplier of vanilla, accounting for roughly 80 per cent of the global supply of the beans.



the vanilla industry as a global issue at the September session of the Relais Desserts Association; Mr. Blanchard is the only pastry chef in Canada to be honoured with the distinction of membership, and joins other pastry chefs in France each year to share ideas and discuss issues facing the industry. "One member even shared a recipe he developed to make our own vanilla," he says. "It was pretty impressive – it had melon purée as one of the 20-plus ingredients."

It seems a black market for vanilla has even popped up. "We've had multiple phone calls and e-mails from super sketchy people telling us they can get us real vanilla at a cut-rate price," says Ms. Courteau, who adds she didn't take them up on their offers. "We even had someone call us and tell us to meet him at his van at an undisclosed address and he would sell us some for cheap." She doesn't know of anyone who has, and assumes they just looked up her bakery along with others on the internet. "I'm sure the high prices and shortages have created some sort of an underground market, but we would never knowingly buy any products that way."

Bakers needn't go to such extreme measures. Even when vanilla beans aren't at their high point cost-wise, artificial extracts are commonly used. But the recent shortage of beans has increased demand for vanillin, the primary flavour component of cured vanilla beans, from other sources as well. There are two types: natural, derived from trees,

clove oil or rice pulp; and synthetic, derived from glycol, a byproduct of the petroleum industry.

"Consumers want natural, but price consideration is important," says Amie Byholt, director of sales in the Americas for Borregaard, the only company in the world that produces natural vanillin using lignin from Norwegian spruce trees.

Now there's not enough vanillin to go around, either, as the food industry develops a constant current of vanilla-flavoured products. "[Food] companies aren't wanting to be reliant on vanilla beans right now," Ms. Byholt says. "The availability is what's most concerning – people have a globally branded product, and if they can't get what they need to create that food product, that's a scary situation. It's not only about price, but protecting supply when you have an ingredient that you absolutely need and one day you can't get." The solution: natural alternatives that taste like the real thing.

So what does it mean for your next batch of chocolate-chip cookies? Read the label the next time you pick up a bottle of vanilla at the grocery store. "It has the same exact labelling, same colour and same type, but if you look closely it doesn't say vanilla extract, it says vanilla flavour," Ms. Byholt says. "It's a good example of how far these prices have pushed companies – that has never happened in the retail market before."

If you do find vanillin on the ingredient list, it's not necessarily second best – it may just be the new vanilla.



EDITORIAL

PHILLIP CRAWLEY
PUBLISHER AND CEO
DAVID WALMSLEY
EDITOR-IN-CHIEF

The subject who is truly loyal to the chief magistrate will neither advise nor submit to arbitrary measures - Junius

The Doug Ford we know now

Doug Ford has won the race to be leader of the Progressive Conservative Party of Ontario. He stands poised to be the next premier of Ontario.

Luckily, in trying to imagine what kind of premier Mr. Ford would be, we have more to go on than the few things he said during the short leadership campaign, such as his promises to lower taxes and repeal the province's carbon cap-and-trade system.

In fact, we have his eight-year career in public life - as city councillor, mayoral candidate and prospective party leader - to judge him by.

Here's the good news: Even if his blunt populism reminds people of U.S. President Donald Trump, Mr. Ford has never trafficked in xenophobia. In fact, he and his brother Rob have been notably popular among immigrant voters in Toronto's inner suburbs.

It's also important to note that Mr. Ford doesn't share his brother's demons. He is a professed teetotaler who has successfully run the family label-making business for years.

But there's also bad news. Mr. Ford has often shown poor judgment and character since his election to Toronto council in 2010. A cursory review of his record shows the following:

He fights dirty, smearing opponents with abandon. He once claimed then-chief of police Bill Blair leaked information about a pending subpoena of his crack-smoking brother to get revenge - an absurd, reckless charge.

He's a flighty policy thinker, evidenced by his proposal to build a Ferris wheel and a monorail along Toronto's waterfront, ripping up years of careful, sensible planning by the government agency that oversees the area.

He has mixed his business and political life in uncomfortable ways. The Toronto integrity commissioner ruled in 2016 that Mr. Ford broke council's code of conduct by setting up meetings with city officials on behalf of at least two business clients while he was a councillor.

Above all, Mr. Ford is a demagogue. He attacks "elites" and panders to voters with populist slogans, but doesn't offer serious ideas to improve their lives.

The question now is, will his new role bring out a different man? That is often the hope but rarely the reality. Becoming mayor didn't make Rob Ford a more temperate personality. Becoming President has not made Mr. Trump presidential.

Mr. Ford will have to work hard to convince Ontario voters that the person they know would be able to live up to the office he now aspires to.

No way to pick a leader

Doug Ford went into the final days of the Ontario PC leadership race saying the party's voting system was "corrupted" in favour of "hand-picked elites."

Then he won the leadership, and it has been his chief opponent, Christine Elliott, who has had to reconcile with a bizarre online selection system that made Mr. Ford the winner - even though she won more than 50 per cent of the popular vote and more ridings than he did.

No doubt Mr. Ford is happy with the outcome. But the truth is that the one-member, one-vote online voting system for electing party leaders, which is used by Canadian political parties at all levels, is proving to have many drawbacks.

For one thing, you need to weight the votes in some ridings differently than in others, so that every riding has something to say in the matter and it's not just a popularity contest won or lost in densely populated urban areas. This is what happened in the PC vote and is the reason Mr. Ford won.

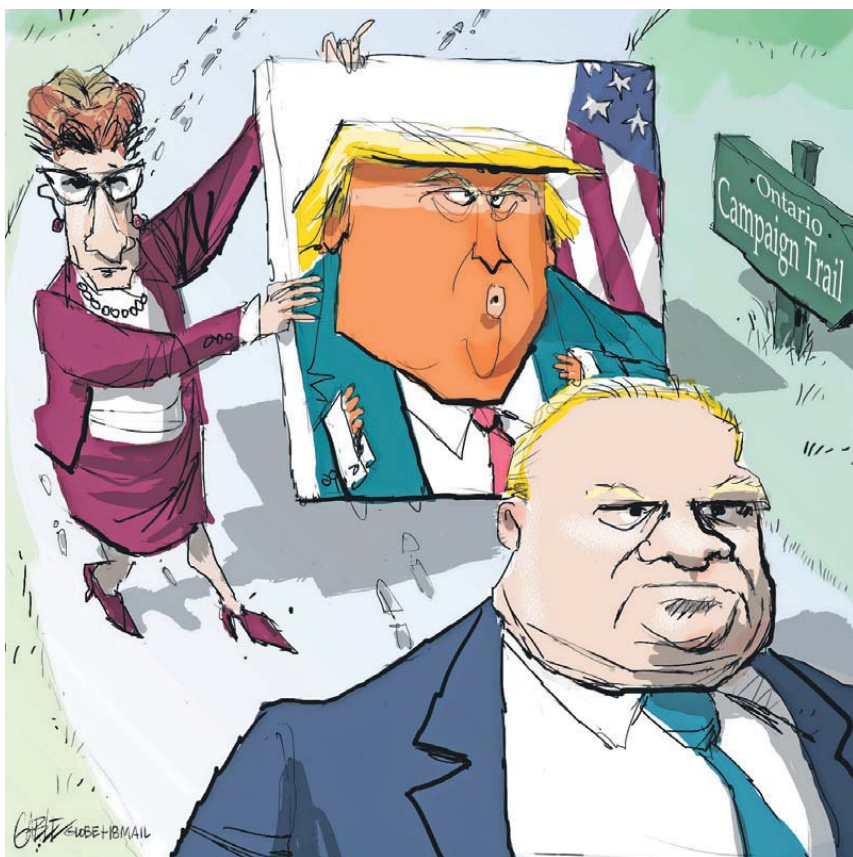
But then it's not a one-member, one-vote system, is it?

There is also a problem with a system that encourages the quick and dirty sale of new memberships during leadership campaigns. It is difficult for parties to control who is selling memberships, and to verify them afterward.

It is also difficult to ensure the identities of those who vote for leaders online, and to make the outcome secure and credible. It was those kinds of challenges that Mr. Ford exploited when he made his allegation of corruption.

There are other options. The most obvious is the system in which ridings send delegates to leadership conventions, and the candidates have to work for their votes in the crucible of the balloting process.

The delegate system isn't perfect, of course. Many parties abandoned it in favour of the one-member, one-vote system in an effort to be more democratic and open. So far, the new system hasn't always lived up to its billing.



LETTERS TO THE EDITOR

PC IN ONTARIO

Re Ford Takes Reins Of Ontario PCs As Elliott Concedes (March 12): Lest anyone label Christine Elliott a three-time loser thanks to the weekend's Ontario PC carnival, party members might reflect on their recent history.

In 2009, they rejected the same Ms. Elliott in favour of Tim Hudak, whose later strategy to swap 100,000 public service jobs for the promise of a million private sector jobs sounded suspiciously like a TV pitchman promising a new muscular body in exchange for a \$2,000 torture machine.

In 2015, the same party members rewarded Patrick Brown with the leadership in recognition of his success at selling the most new PC memberships. As runner-up, Ms. Elliott might at least have been rewarded with a set of steak knives.

Now, the Progressive Conservatives have turned down Ms. Elliott in favour of a man whose ambition a few weeks ago was to become mayor of Toronto, who ran interference for his crack-smoking kid brother, and whose political model appears to be the current resident of the White House.

Thus Ms. Elliott's impressive bona fides have been rejected three times in favour of men whose won/lost record makes the Maple Leafs look like the '27 Yankees. And the provincial Tories are remarkably consistent: They have never chosen a woman as leader, regardless of ability, experience or reputation. Not one.

Which brings to mind that apocryphal insight - the one about repeating the same action over and over, and expecting a different result each time.

■ **John Lawrence Reynolds**
Burlington, Ont.

In May, 2013, you published a lengthy exposé: *Globe Investigation: The Ford Family's History With Drug Dealing*. The article followed 18 months of in-depth research and revealed Doug Ford's history dealing drugs in the 1980s.

Any insights as to how Mr. Ford passed the Progressive Conservatives' vetting process?

■ **Susan Watson**
Guelph, Ont.

As citizens and voters, we owe it to our province and its future to be informed, not reactive; to listen, not to jump to conclusions; to try to discern whether what we hear from candidates is blustering and fear-mongering, or clear thinking from heart and mind. We have a responsibility to our politicians, as much as they have one to us.

Prejudice is poison.
■ **Peter Feniak**
Toronto

When Rob Ford went off the rails, U.S. network comedians had a field day. Then, the Americans elected Barack Obama's succes-

sor, and the tables were turned.

Now we've managed to trump even that American nonsense. How? Because we knew better, with daily evidence from the White House. Ontario's PC Party has a low opinion indeed of what voters seek. In the coming election, will the media please consider giving independent candidates equal coverage for a change?

■ **Richard Barrett**
Mississauga

NO RIGHT WAY

Re End Supply Management, But Do It Right (editorial, March 12): There is no right way to end supply management. Egg prices are higher in Australia than in Canada; milk is more expensive in New Zealand than here. You ignore the pain deregulation has caused for dairy farmers in Australia, where they are leaving the industry in droves and the country is on pace to produce the lowest number of litres in 35 years.

Egg-farmer numbers in N.Z. have tumbled from 800 in 1986 to about 40. That industry, too, remains in turmoil. Producers never know from one year to the next if they will remain in production.

When you suggest ending supply management, you should also think about what it will do to our family farms, our capacity to produce food here, and most of all the real impact on our communities.

■ **Bruce Muirhead**
Professor of history, Egg Farmers of Canada Chair in Public Policy, University of Waterloo

BEFORE THE ADOPTION

Re I'm Not Lost, I'm Lucky (Opinion Section, March 10): If adoptee R.M. Vaughan doesn't wish to pursue his biological origins in New Brunswick, that's his choice. He is entitled to do whatever he wishes. However, the many Canadians who want to learn their origins might disagree with him. Witness the huge rise in DNA genealogical searching and the emphasis on knowing one's medical history.

To malign years of social and political efforts in Canada on the part of Parent Finders is short-sighted. B.C. was the first province to open adoption records in 1996, and province after province soon followed. New Brunswick is one of the last. (Only the principal parties involved will have access to this personal information, not the general public.)

The mandate of Parent Finders to fight for access to original birth information for all adopted Canadians and their birth parents has never wavered. No one is suggesting Mr. Vaughan needs to search for anything, even a lost cat, but thousands of Canadians do want this information. The default in adoption legislation should be

one of openness, not secrecy.

■ **Monica Byrne**
National director
Parent Finders Canada

The subject of R.M. Vaughan's beautifully written piece still has the power to instill fear and rage in many adoptees.

What he describes happening now in New Brunswick, happened a decade ago in Ontario. I know a little bit about it because I and other adoptees sued the Ontario government over the legislation. When, finally, the odious agenda-driven law came before a judge, it did not survive in its original form (which initially in Ontario did not include a veto for people who wanted their identities kept secret).

Mr. Vaughan's description of feelings, family circumstances, even sexual orientation, are so eerily similar to mine it was almost difficult to read. But it was worth it, for it put into words what I've tried to express for many years.

■ **Denbigh Patton**
Toronto

UNSHUSHABLE

Re Advice For Young Women: Be Large (Opinion Section, March 10): If I could be sure that The Globe and Mail's Elizabeth Renzetti would deliver the commencement address, I might go back and finish that degree I started in 1978.

■ **Angela Shaw**
London, Ont.

In 1960, I was admitted along with nine young ladies and about 80 young gentlemen (and they were) to first year pre-meds at Queen's University. As freshmen, we were required to live in the women's residence. We had to sign a register to leave the building after dinner, and to sign when we returned before the witching hour of 11 p.m. This was done in front of an elderly dragon whose watch was always four minutes faster than mine!

In our third year, my favourite prof asked three of us to his office after midterms. He wanted to verify that we were, indeed, women, and of apparently trustworthy character. He explained that in his native country, young ladies didn't aspire to be the top three in their class. We actually laughed.

Times have changed, thank goodness. Thanks for a good laugh and the advice to go on living large and being unshushable!
■ **Janef Milne**
Ottawa

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OPINION

Dying patients shouldn't be left in OHIP limbo

There are too many bureaucratic barriers to end-of-life care – the story of Dan Duma is a sad example of this

ANDRÉ PICARD

OPINION



In the end, all Dan Duma wanted was to die at home.

He was denied that simple request – some would call it a basic right – because of a pointless bureaucratic rule.

And now, to add insult to injury, attempts to fix that rule may fall short because of mindless foot-dragging.

Surely, Ontario politicians can do better.

Here's the background: Mr. Duma worked for many years at the General Motors transmission plant in Windsor, Ont. When it

closed down, in July, 2010, he headed west and found work at Suncor in Fort McMurray.

Mr. Duma was diagnosed with cirrhosis of the liver and then liver cancer, both caused by infection from the hepatitis B virus.

Between October, 2015, when he had part of his liver removed, and May, 2016, Mr. Duma spent a lot of time in a Fort McMurray hospital. In May, 2016, during the massive Alberta wildfires, he was airlifted to a hospital in Edmonton.

Too sick to return to Fort McMurray, Mr. Duma and his spouse decided to move back home to Windsor, where their two daughters live.

It was clear that, with untreatable liver cancer, he was going home to die.

But, to his surprise, Ontario said he was not eligible for home care and palliative care.

Why?

Because, while we like to believe a Canadian is a Canadian, that is not strictly true when it comes to health care, especially when you move between provinces.

One of the principles of the Canada Health Act is portability – meaning that you are covered by your province's public insurance plan even if you leave the province. The provinces have a reciprocal billing agreement under which they agree to cover those costs.

But there is a catch: That rule only applies to "medically necessary" services, meaning hospital and physician care.

For other publicly insured services, such as prescription drugs, home care and palliative care, there is a three-month waiting period for coverage.

Mr. Duma came home to Windsor in May, 2016. He died on July 18, 2016, at the age of 48.

As Dr. Darren Cargill, Mr. Duma's palliative-care physician, said: "Dan Duma died while dutifully doing three months penance waiting for OHIP."

There is no medical or financial justification for an arbitrary waiting period. If anything, hospital care is far more costly than the alternative.

And there is certainly no moral

justification for telling a dying patient to wait three months for palliative and hospice care.

Mr. Duma was lucky in a sense. Both his daughters are nurses. They cared for him at home, scrounging equipment and supplies. Dr. Cargill, outraged by the situation, finagled a bed at a local hospice so Mr. Duma could spend his last few days with a modicum of dignity.

But he never did get to die at home.

In October, 2016, Lisa Gretzky, the New Democrat MPP for Windsor West, moved by the story, introduced a private member's bill in to correct the situation. Bill 54, Home Care and Community Services Amendment Act (Dan's Law), would simply lift the waiting period for coverage of home care and palliative care.

It passed first and second reading quickly, with support from all parties, and then it was referred to the justice policy committee in November, 2016. Then, for 16 long months, nothing.

Committee should not be a place where ideas, especially

good ideas, go to die. But with an Ontario election coming in June, the bill risks dying on the order paper.

That would only compound an already tragic story by virtually ensuring that others will suffer the same cruel fate as Mr. Duma.

This situation is not unique to Ontario. Beyond the legislation, what is really needed is for all provinces and territories to modify the reciprocal billing agreement to cover home care and palliative care.

The reason people move between provinces at end of life is not to rip off the system, it's to be close to family – family members who will be providing care and support that they cannot provide from afar.

The medicare system should be facilitating, not impeding, these moves.

As Dame Cicely Saunders, the founder of the hospice movement and the grande dame of end-of-life care, said: "The way we care for people at end of life reflects our values and compassion as a society."

Could The Doug win? Of course!

MARGARET WENTE

OPINION



As the awful truth emerged on Saturday evening, my phone started pinging plaintively.

"Now they have The Donald and we have The Doug," pinged a friend of mine gloomily. "God help us."

"How does it feel to live in Trumpland?" pinged a friend from Florida.

I asked my husband how he plans to vote now. "Leave me alone," he said. "My head hurts."

Many people who planned to vote against Ontario Premier Kathleen Wynne are crushed. As much as they detest the Liberals, they don't want a know-nothing populist instead. Meantime, the Liberals and the NDP are rejoicing. They believe the Progressive Conservative Party has committed suicide.

I'm not so sure. I think Doug Ford has a pretty good chance of becoming premier. There's a huge demand for change. Kathleen Wynne's Liberals are long past their sell-by date. As likeable as Andrea Horwath is, a lot of people simply can't bring themselves to vote NDP. Many folks will hold their noses and vote Ford, if only to get rid of the Liberals.

More important, Mr. Ford could be a stronger candidate than many people think. In some ways, he's far better than Patrick Brown ever was. He's authentic. His beliefs are crystal clear. His grasp of policy is a bit shaky – but so what? It's not hard to grasp what he stands for.

Mr. Ford's path to victory leads through the edge cities of Ajax and Whitby and Brampton – places where typical voters have two kids and one-and-a-half incomes (because Mom works part time). Many of them are immigrants. They have no time for the social-justice crusades of the Liberals (either federal or provincial). They are strivers. They do not believe that women are particularly oppressed and they've never



Ontario PC Leader Doug Ford, centre, poses for a selfie at a campaign rally in Toronto. THE CANADIAN PRESS/CHRIS YOUNG

heard of intersectionality. They want a meat-and-potatoes government that will run things economically and effectively and stay away from social-engineering schemes.

Doug Ford projects himself as one of them. He's less of a populist than a classic, small-c conservative who is determined to battle the elites. Think Ralph Klein.

Why are my downtown Toronto friends so horrified by Doug Ford? Well, obviously there's his late brother, Rob. Rob's tenure as mayor of Toronto, with Doug by his side, was nearly as much of a clown show as the Conservative leadership race. That did not hurt him with the voters, whose loyalty he retained through his famous bouts with smoking crack cocaine and using other addictive sub-

stances. A lot of people liked him for the same reasons they like Donald Trump. He drove the elites crazy.

Pundits always underestimate the populists because they don't know anyone who votes for them. Those people live in different places, drink at different bars, watch different movies, take different vacations, and hang out with different folks. The pundits and the experts work for media, governments, universities and law firms. The kind of people who vote for populists work in the suburbs at companies like Doug's labelling business.

Everything about Doug Ford reminds my downtown friends of their boorish ex-brother-in-law. He's unsophisticated, overweight and doesn't read. Therefore they underestimate him. But Doug is

extremely shrewd. His brand is sharp. He understands exactly who his voters are and what they want. His ideas are easy to grasp. His liabilities – which include his utter ignorance of the way the province operates – could be seen as advantages, just as they are by Donald Trump's supporters.

Political commentators worry way too much about policy and not enough about the temperament of the voters. They fret about the carbon tax and how the conservative candidates were irresponsible to drop it. This is understandable, because in the neighbourhood they live in, people who are against a carbon tax are against the planet.

Doug Ford lives in a different neighbourhood. He knows that many, many voters do not want a carbon tax. They don't care how

irresponsible that makes them seem. They don't care about the differences between a carbon tax and cap-and-trade. All they care about is that someone from the government always has a hand in their pocket, and they're sick of it.

There's something else that should terrify the commentariat: Donald Trump. He's doing pretty well these days. Despite Russia investigations, porn-star scandals and all the rest, he's more popular than anyone would have predicted. Prosperity has returned to America. People like his tough talk on trade. He's broken through a generation of gridlock on North Korea (well, maybe). Despite the cries of the alarmists, the insurgency down there is going pretty well. So why not Premier Ford? Stranger things have happened.

Why we invited Jordan Peterson to discuss compelled speech

DANIEL WOOLF

OPINION

Principal and vice-chancellor of Queen's University

Freedom of speech and academic freedom on university campuses have been in the news a great deal. This issue has not escaped Queen's University. Recently, the faculty of law hosted a lecture by Dr. Jordan Peterson to discuss compelled speech, currently a very divisive subject within the Ontario law profession. The visit caused tensions on campus, with some individuals taking issue with the decision by one of the faculty members to invite him to speak. I took the position that the lecture should proceed and posted a blog explaining my own cate-

gorical support for academic freedom and civilized debate at Queen's. The lecture went ahead, though not without a protest that at times pushed well beyond being respectful and peaceful.

I do not intend to address the protest, nor the particular beliefs and views of Dr. Peterson. Rather, I'd like to argue first, that freedom of speech and the goals of diversity and inclusion are entirely compatible and often mutually strengthening; and second, that those who challenge giving opponents the right and a platform on which to speak, are conflating two different issues and setting a dangerous precedent.

To my first point, one can promote any worthwhile goal through actions, including protest, while also supporting the aims and welfare of groups promoting a progressive agenda

without challenging freedom of speech. The suggestion that by allowing a speaker who allegedly challenges aspects of inclusivity and diversity a platform, we are subverting the university's own agenda is invalid. Both freedom of speech and the achievement of social goals are possible, and challenging one's agenda should be viewed as an opportunity to strengthen and enrich this position, and when needed, change it.

Queen's fully supports an inclusive and diverse campus and curriculum, and we continue to make important progress in pursuing these ideals. Diversity also extends to thought and opinion – it can't simply be "diversity of the sort we happen to agree with today." Universities should be physically safe spaces and diverse and inclusive. But protection from disagreeable ideas isn't safety – it's

infantilization, and robs everyone of the opportunity to reflect and grow. Students: We are there to learn with you, to have our assumptions questioned and to question yours. We will not simply reinforce your beliefs and turn them into unexamined convictions.

However, even were these goals incompatible, I would still advocate for freedom of speech and open debate. They are the very foundation of democracy, even with all its faults and past and present failures of society. We are privileged to live in a country that protects the expression of views (with the exception of hate speech) regardless of ideology or affiliation. It permitted the lecture, as well as the protest outside it. It also permitted an open letter penned by faculty, students and alumni, criticizing the views I ex-

pressed in my blog. While I didn't agree with many of their arguments, I respect the authors for exercising their rights to publish it and thank them for so doing.

For centuries, universities have been nurseries of intellect, shapers of society and, more often than not, agents of social progress and economic mobility. The passion and energy of young people have played an enormous part in that. But passion made brittle by ideology that goes unexamined or unchallenged promotes hatred; it does not fight it. And so, faculty, students, staff and visiting speakers must continue to be allowed to articulate positions that will offend, challenge and even upset. It must be done safely and respectfully. Otherwise, in the long run, we are all the poorer and our fundamental shared values are at risk.

LIFE & ARTS

PARENTING & RELATIONSHIPS | OPINION | PUZZLES | WEATHER



ISTOCK

Why is it so hard to get a good cup of office coffee?

Although caffeine is often seen as an essential part of the workday, workplaces are notorious for their terrible brews, **Cory Mintz** writes

Jacqueline Young-Sterling didn't anticipate any problems with the pour-over coffee maker at her office – even if it meant her colleagues had to weigh out 15 grams of coffee and 300 grams of water on a digital scale every time they wanted to use a machine that only makes three cups at a time.

Compliantia, the Toronto retail-software company where Young-Sterling is marketing director, had started with a Nespresso pod machine. But they found the recycling effort too much and the price too high. So Young-Sterling, a former pastry chef and the office “coffee snob,” had been tasked with finding a replacement.

“I chose pour over for its cost savings (15 to 20 cents a serving, versus \$1.25 for the pods), environmental benefits and ease of cleanup compared to a French press,” she said.

But the rest of the office wouldn't touch the machine.

After the pour-over failure, they switched to a Jura XS90. The one-touch espresso machine, which retails for about \$3,800, can foam milk. But the 10 employees just make Americans because no one wants to clean the foam wand. Young-Sterling, who says that even the automatic espresso maker requires calibration every day, now keeps a hand grinder and AeroPress at her desk.

Although caffeine is often seen as an essential part of the workday, “office coffee” has long been a punchline, expected to be of poor quality. Today, once a company has at least 30 employees, they can contract out coffee service for between seven cents and \$1.10 a cup. Compared with raising wages, that's relatively little money for something seen by employees as a nice benefit.

“It's a perk in the workplace,” said Danielle van Jaarsveld, associate professor at the UBC Sauder School of Business. “In the broader sense, it sends a signal that we value our work force.”

Still, consumer tastes can be quite different, and if people don't like the coffee, there's little benefit in providing it, van Jaarsveld added.

“With any perk, if it's not appreciated by

the employee, it's not going to have the same motivational effect than if it was.”

It's tricky, because everyone thinks they have good taste.

“Most people think they are connoisseurs – and very few are,” said Joel Jacobs, general manager of Canada Coffee, a company that has supplied offices since 1987.

Before the 1980s, offices that provided coffee had home percolators or just a kettle and a jar of instant. When the office coffee-supply industry (which has grown into a billion-dollar sector in North America) started in the early eighties, it generally supplied drip machines.

But by the 1990s, companies wised up to the idea that employees running outside for coffee meant lost productivity – and providing good coffee was a relatively low-cost effort.

“In the nineties, people became interested in quality coffee,” Jacobs recalled. “We had studies for how much time people spent out of the office for coffee. And at first, clients didn't care. But I think at the same time as coffee culture was developing, HR was becoming more sophisticated. All of a sudden, companies became aware of the productivity issue.”

Over time, demand went up for fancy coffees and appliances that can steam milk. Self-cleaning machines have eliminated much of the resentment over dirty office kitchens, part of the “office housework” that women disproportionately take responsibility for, according to *Men and Women of the Corporation* author Rosabeth Moss Kanter. But the quantum leaps have been from percolator to drip to single-serve pods, with Keurig dominating the market in North America and Nespresso elsewhere. (Jacobs says Nes-

presso machines make good cups of coffee that are simply too small for North Americans.)

The pods present a solution to the issue of taste. They come in an endless variety of flavours, so you never have to subject the whole office to a pot of your hazelnut decaf.

But, they're more expensive. And they introduce new environmental concerns: Nespresso and Mars pods have to be taken to a separate location for recycling, and only some flavours of Keurig's K-Cups are currently compostable.

“It's not hard to make a delicious and ethically sourced coffee on a larger scale in an office environment,” said Dean Petty, co-founder of Anchored Coffee, a single-origin, unblended coffee roaster in Dartmouth, N.S.

“It takes a bit more of an initial investment, but there are big savings down the road, not to mention creating less waste. Offices seem to want ‘easy,’ but I would wager that if some education went into informing people about the coffee that they are drinking and better brew methods, people would step up and take the two extra minutes it takes to actually grind and brew a fresh pot of coffee.”

Drip machines are seen by some as a greener solution. But it's hard to know if a pot was brewed five minutes or an hour ago.

As a result, Jacobs said, people in offices routinely throw out fresh pots, so about 25 per cent to 35 per cent of drip coffee goes down the drain.

Van Jaarsveld, who keeps a French press at her desk, said an office manager needs to take a democratic approach to coffee: “You should survey your employees to get a sense of what the majority of people prefer.”

“In the nineties, people became interested in quality coffee. ... And at first, clients didn't care. But I think at the same time as coffee culture was developing, HR was becoming more sophisticated. All of a sudden, companies became aware of the productivity issue.”

JOEL JACOBS
CANADA COFFEE
GENERAL MANAGER

Should I expect a romantic proposal from my boyfriend?

DAVID EDDIE

OPINION

DAMAGE CONTROL

THE QUESTION

My boyfriend and I have been together for 17 years. We never talked about marriage and I was okay with that. A week ago, about 15 minutes before he left for work, he tells me out of the blue that he has been thinking about this and thinks we should get married. He says he loves me, but to be practical, it's so we can speak up for each other medically (neither of us is sick), and for tax purposes. How romantic! He now considers us engaged because he mentioned it to me one time. By the way, there was no ring. He told me to pick something out because he knows I like to pick out my own gifts. He didn't get down on one knee either. I would love to marry him. I told him that to be engaged, you must actually propose, not just mention it one time out of the blue. He is a great guy. I know he is not romantic but I was hoping for more. I picked out a

ring online. Not sure if, when it comes, I'll get a real proposal. It has really been bothering me and makes me question our relationship altogether. I feel like I deserve better. Any advice to salvage this relationship?

THE ANSWER

Well, I've got news for you, first of all.

You don't quite say whether you've been living together all the years you've been together, but if you have – and it sounds like you might have – then in the eyes of most individuals, entities and organizations, you are already married.

Having said that, I know what you mean about a romantic proposal.

Sometimes I wish mine had been just a shade more romantic. Lo these 25 years ago now, having dispersed the competition (punks: they were easily dispersed), I, within a month of our first date, moved in with the babe-a-licious goddess who would later become my wife and the mother of my children – and began proposing almost immediately.

Every few weeks or so. I knew

If someone can say yes to a proposal while furious at you – i.e., have an overview: ‘I hate him right now but I do love him in general’ – it bodes well for handling the ups and downs of marriage.

she was The One.

She brushed off my proposals like so many flies. “Produce a ring, then maybe I'll take you seriously, Dave.”

Finally, I borrowed some money from my mother and got her a ring I knew she'd like (how'd I know? Because she took me to the store and pointed it out and said “I like that ring”) complete with a microscopic diamond.

So I had it in my pocket, made her her favourite dinner (steak, cooked to perfection), accompanied by the finest wine I could afford (Chateau Timberlay, if memory serves) – and we got into a fight! Over what, I don't remember. But the ring was burning a hole in my pocket like I'm Gollum and I finally thought, “It could end this fight. I mean, it's something you can only use once – but still!”

I produced the ring, proposed, she said “yes” from between clenched teeth. And the beauty of going about it like that is if someone can say yes to a proposal while furious at you – i.e., have an overview: “I hate him right now but I do love him in general” – it bodes well for handling the ups and downs of marriage (and if I had to sum up mine in one word I'd say “fun”).

But yes, I do think you should hold out for the whole ring-pro-

sentation thing, even if you buy it yourself. I don't know about the down-on-one-knee business. I don't know how much that's done anymore.

I do think you are within your rights to expect more than: “Hey, babe I'm off to work and by the way I've finally decided we should get hitched.”

With respect to “save the relationship” I have one caveat, and it may be an odd one, but I've seen couples who have been together a long time get officially/formally hitched and then suddenly break up.

Why? Go ask it on the mountain. Maybe the stress of the ceremony, the relatives and all the rest of it (and you've thought about all that, right?).

Bottom line: You say you love the guy, that he's a great guy and you've been together a not-insignificant amount of time. You're getting a ring, you're getting married. Maybe there's an “if it ain't broke don't fix it” aspect to the whole situation.

Are you in a sticky situation? Send your dilemmas to damage@globeandmail.com. Please keep your submissions to 150 words and include a daytime contact number so we can follow up with any queries.

Special to The Globe and Mail

A nice but hopeless, unfunny event

Gala honouring the best in Canadian film and television made for a sincere, interminable and amateurish watch

JOHN DOYLE

OPINION

TELEVISION



You know what's nice? I'll tell you what's nice: The Canadian Screen Awards. That's what's nice. Very nice, very smug and boring, long-winded and hopeless.

At the tail end of an awards season that was fraught with meaning thanks to the #MeToo and #TimesUp movements, along came the local Canadian awards show honouring the best in film and television. So it's not like there aren't awards shows already, ones that can stand as examples of how these things should be done. It's not like the genre was invented the other day and Canada is just quickly trying to catch up.

No, it's just a matter of doing it badly. A matter of being unfunny, insipid and hopelessly earnest and amateurish because, based on what CBC aired live on Sunday night, that's the best we can do.

Seriously, is it so hard to even find an outfit that fits the co-host of the big gala? Is it? Jonny Harris of *Murdoch Mysteries* and *Still Standing* (co-hosting with Emma Hunter of *The Beaverton* and *Mr. D*) spent the night in an ill-fitting, over-large white dinner jacket that looked like something he'd grabbed quickly at Value Village to wear to a cousin's wedding at some banquet hall out on the highway.

That was distracting from the get-go. It's not easy to spin earnest endeavour into showbiz glam, but effort is required. Some effort beyond the co-hosts mentioning the name of a TV show and then pausing to wait for the posse from that show to applaud and holler from the audience. Nuanced analysis or scathing wit is not called for. Just be funny, a bit breezy and aim at the audience watching on TV, not the Canadian TV establishment sitting in the room.

"What do you say we get this thing moving and give out some awards?" asked Harris of Hunter after an interminable, unfunny introduction. Well, yes please,



Peter Mansbridge accepts the lifetime achievement award at the Canadian Screen Awards in Toronto on Sunday. MARK BLINCH/REUTERS



Director Aisling Walsh, centre, makes her way to the microphone after her movie *Maudie* won the best film award at the event on Sunday. CHRIS YOUNG/THE CANADIAN PRESS

please, please, muttered the baffled viewer. Anyone who stuck with it to the end might reasonably expect an Order of Canada for sheer endurance of a sincere Canadian attempt at an entertaining awards show.

No such luck. The awards and honours went to the predicted and predictable. Paul Sun-Hyung Lee won an award for his performance on CBC's *Kim's Con-*

nience, which is great.

He won last year, too, and made a great speech. Heritage Minister Mélanie Joly shrewdly got on stage early on, before most of the watching viewers had switched over to another channel.

Actress Sally Hawkins won for her role in the movie *Maudie*. Also deserved, but she wasn't there. Later, there was a bit of

peculiar business when the movie's director, Aisling Walsh, who was actually there, didn't step up to accept her award.

Turned out she was in the bathroom!

This was explained much later, when only those paid to watch were actually still paying attention. You don't get drama like that in your fancy awards shows with Hollywood celebrities. Said nobody.

There was also a technical glitch, which prompted Emma Hunter to say, "Well it's all going to hell now." It went to hell much earlier, though. That's the problem.

Margaret Atwood got an award "in recognition of her commitment to the growth of Canadian media," according to the CBC website. That's a puzzler. Anyway, Atwood read the room well and was her usual ray-of-sunshine self in her speech.

Rick Mercer got an award and Jann Arden tried to crack funny about him. It would have been better if Mercer was allowed to be the one to crack wise, as that's his job and why he got an award. Instead, it was sincerity all the way.

Clark Johnson got the Earle Grey Award, a kind-of lifetime achievement thing, and it was presented by his sisters. That was cool and he was very droll, but it's doubtful many in the audience understood who he is and what he's achieved.

Peter Mansbridge's award for lifetime achievement, or whatever they call it, was the climax of the night. He was gracious, wry and made a fine speech about the importance of truth.

The truth about the Canadian Screen Awards is this: It's important to honour excellence and excellence was indeed honoured when CTV's *Cardinal* and the CBC/Netflix adaptation of Atwood's *Alias Grace* got those odd-looking statuettes, but a TV awards show is meant to entertain.

This one dragged on and on, into territory that resembled an insider-awards night at an industry you don't care about. It's nice they have these awards, you're left thinking, but why should I care?

It's not entertaining for anyone outside the industry celebrating itself. They seem nice, mind you.

Women rule the roost at the Canadian Screen Awards

SIMON HOUPET

Canada is not America, and the Canadian Screen Awards – as its critics will gleefully tell you – is certainly not the Oscars. But on Sunday night, the parade of women who took the stage at Toronto's Sony Centre to claim their CSA statuettes illustrated that, as Hollywood responds with painful slowness to the demands for more female voices, Canadian filmmakers have already proven that stories created by and about women can be both box-office hits and award-winners.

Even as the #MeToo movement continues to rattle Hollywood's power centres, the vast majority of the most prominent films in this month's Oscars were stories about men created by men.

Up here, however, the nominees were starkly different: Five of the seven films in the running for the best-picture CSA were stories about women or girls. Four were written by women; four were directed by women. In the end, *Maudie* – a drama about the Nova Scotia folk artist Maud Lewis – took home all seven awards for which it was nominated, including best picture, director and original screenplay, all of which went to women.

The television categories were also dominated by stories of women and girls. The rebooted *Anne of Green Gables* known simply as *Anne* – created by a pair of powerhouse Canadian female producers, Moira Walley-Beckett and Miranda de Pencier – nabbed the best-drama award, while *Alias Grace*, an adaptation of Margaret Atwood's bestseller by screenwriter Sarah Polley and director Mary Harron, won for best limited series.

But while the CSAs reinforced



Author Margaret Atwood playfully poses in front of actor Sarah Gadon, left, and producer Noreen Halpern at the Canadian Screen Awards in Toronto on Sunday. FRED THORNHILL/REUTERS

the fact that women's stories can resonate with a wide audience, on Monday afternoon, *Maudie* producer Mary Young Leckie reflected on what she believes is the greater significance of her film's success: It was a rare home-grown box office success.

"I have to say, what was the most important thing about last night is that we got English-Canadian audiences out in droves to see an English-Canadian film," she said, noting that *Maudie*'s box office in Canada approached \$3-million.

(*Maudie* was also the first English-Canadian film set in Canada to win a best-picture CSA, or the award's predecessor, the Genie, since Paul Gross's *Passchendaele* in 2009.)

"The [Quebec] producers and creators are brilliant filmmakers, and they're also very fortunate because they're beloved by their audiences. Because we sit next door to Hollywood, it's a lot tougher for us to entice our English-Canadian audiences into the theatre, and so the fact that we got them there and they had a wonderful, satisfying, moving experience, I think is amazing, because I think that's going to open doors for a lot more Canadian filmmakers and Canadian films."

Leckie's comments serve as a reminder that this country's film and television industry has been supported from its earliest moments by the federal government to help carve out a space

for Canadians to see themselves represented amid the ubiquitous American culture sweeping across the border.

Still, Canadian skepticism of the marketability of Canadian stories has been tough to shake. Leckie noted that decades ago, when she was developing a film about the scuttled Avro Arrow fighter jet, Telefilm Canada told her it was prepared to support a TV mini-series, but not a feature, because the agency didn't believe Canadians would turn up at cinemas to see such a film.

That same skepticism, which marginalized communities and women have faced for decades, is now being shattered. On Sunday evening, actor Paul Sun-Hyung Lee, who plays a Korean-Can-

dian shopkeeper in *Kim's Con-*
nience, gave an impassioned acceptance speech explaining the importance of people seeing themselves on screen.

"Representation matters," he said. "When people see themselves and their communities reflected up on the screens, it is an inspiring and a very powerful moment for them, because it means they've been moved from the margins into the forefront, and it gives them a voice and it gives them hope. When you give people voice, other people start listening. And when people start listening, things start to change. And we need change."

TODAY'S SUDOKU SOLUTION

6	2	8	7	3	5	1	4	9
3	9	4	6	2	1	8	5	7
5	7	1	4	8	9	6	3	2
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8	5	7	2	1	6	4	9	3
1	3	2	5	9	4	7	6	8
7	4	3	9	6	2	5	8	1
2	1	6	3	5	8	9	7	4
9	8	5	1	4	7	3	2	6

TODAY'S KENKEN SOLUTION

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3+	1	2	3	6	5	4			
	2	4	6	3	1	5			
	6	3	1	5	4	2			

FIRST PERSON

SOMETIMES, A QUESTION IS JUST A QUESTION



ILLUSTRATION BY SANDI FALCONER

A question from my neighbour made me realize, maybe not all questions are layered statements prompting debate on race, **Maya Noronha** writes

“Oh, I’m so glad I ran into you. I need your help with a gift.”

We met in the hallway, I was late as usual, rushing to pick up my son from school, while she was returning from her daily midafternoon stroll. Nevertheless, I paused, as I always did for Doris.

“Of course. Happy to help,” I said and actually meant it. I had lived across from Doris for a few years now and had discovered that, although she was fiercely independent, energetic and kept to a rigorous schedule, she was in her late 80s and needed help on occasion. More often than not, I really was happy to set aside a few minutes of my day to open jars, restart modems or unload heavy, unwieldy items from her car. We had developed an unlikely comradeship that went a little deeper than the perfunctory exchange of pleasantries normally reserved for those who inhabit our shared public space.

“What sort of wine do Indians drink,” she asked matter-of-factly.

I furrowed my brow uneasily. “Uh ...” I started to murmur, not sure where this conversation was heading. After a few more non-committal, one-syllable grunts from me, she jumped in and attempted to explain herself.

“Well, what sort of wine would you drink?” she continued.

I took a moment and was about to explain that I’m more of a gin and tonic kinda gal when she interrupted.

“My doctor and her assistant are both Indian. Young women. Just like you. I’ve been there a whole lot this year. Well, you know about all that. Anyway, I really wanted to get them a nice bottle of wine. To say thank you for their care. I’ve written the cards, I just can’t figure out what wine to put in the gifts bags,” she went on, starting to sound flustered.

I knew Doris well enough to know this was seriously stressing her out. I could picture the gift bags, sparkly tissue paper peeking out, cards attached, sitting empty on her dining room table – this outstanding gift was driving her nuts, buzzing around her all day like a pesky mosquito she couldn’t swat.

She needed answers and she needed them now. I, however, had momentarily stopped in my tracks. I was still processing the question, which wasn’t merely a case of a robust merlot versus a fruity pinot grigio. I felt responsible somehow. Like I needed to answer carefully on behalf of an entire community.

“I see. Do you know for sure they are Indian though? They could be from Pakistan, Bangladesh, Sri Lanka even. Depending on where they are from they may not even drink wine. They could be ...” I trailed off watching her stare at me. Clearly, she did not want a lesson in South Asian geography.

“No, no. They look just like you. Dress like you, too. They don’t cover their heads or anything like that. That’s why I asked you. You would know.” She was beginning to get impatient and her tone had

now shifted just enough to make me feel distinctly uncomfortable. A not altogether unfamiliar feeling for me though.

The emphasis on the “you,” the assumptive “would” – variations of this sort of conversation have played out several times over the course of my life. The prejudice used to be overt, mostly food related and therefore easy to respond to.

“I just love curry. It’s so aromatic. I really should try to eat more spicy food.”

“I thought you may know Raj from accounting.”

“I’m sorry, I don’t know why I did that dumb Apu accent when I said that. We’re cool right?”

“Your English is sooooo good. Good for you!”

Globalization and increased immigration brought about a worse kind of discrimination. The politically correct kind, usually manifested in a casual dismissiveness toward anyone who appears different – an “other.” Fake smile. Awkward silence. Shuffle away. The kind of look that says, “I just assume you won’t know anything or be interested in cottages, single-malt, snow-shoeing, golf,” therefore I won’t even attempt conversation. I’ll just look at you but not really see you because saying nothing is better than saying the wrong thing.

A lifetime of navigating these kinds of interactions had rendered me numb. Too weary to be indignant. Too cynical to try and educate in the hope that next time it will somehow be different. Too hoarse from symbolically jumping up and down and shouting to an apathetic audience “Look at me! I exist. I’m just like you, really.”

Yet, as I contemplated how to respond to Doris, I felt surprisingly different. I thought about the countless times she had brought over an extra bag of crusty rolls from the European bakery for me or excitedly dropped off small treat bags of candy and cookies for my son every Christmas and Easter, or handwritten her mother’s recipe for “war cake” on a tattered old Post-it note. I didn’t experience the intense, rising anger quickly countered by a sinking feeling of disappointment, that made me want to shake my head and walk away.

We live in confusing times. Everyone is an activist of some sort, quick to get on their soapbox and decry the latest ill that has befallen society. Boldly adding their voice to a growing chorus of opposition. Bravely hash-tagging in solidarity with whatever social injustice they are outraged by. Is any of it effective I wonder? Are we really bridging the divide or just widening it? Yelling (or tweeting in all caps!) till we are blue in the face but unable to see the humanity that unites us all, even when it is staring right in front of us.

Perhaps, sometimes a simple question about picking out a gift is just that. A question. Not some sinister, layered statement prompting heated debate on identity politics, race and inclusion in our fractured world.

In the end, we both agreed you can’t really go wrong with a nice bottle of Chardonnay.

Maya Noronha lives in Mississauga, Ont.

Is it common to have memory problems after anesthesia in surgery?

PAUL TAYLOR

THE QUESTION

I recently had knee-replacement surgery, and I just don’t feel like myself. I’m a retired school principal and I used to have an excellent memory. Now I struggle to remember the simplest things – even my husband’s name. I am slowly getting better, but it has been very frustrating and frightening. My doctor said I could be suffering a side effect from the anesthetic or the operation. Is this a common problem after surgery?

THE ANSWER

Doctors have long assumed that patients return to normal once an anesthetic wears off. But in recent years, a growing body of research suggests that some people experience lingering cognitive impairment after being wheeled out of the operating room.

“We now know that between 10 and 20 per cent of patients will have problems at the time they are discharged from hospital,” says Dr. Beverley Orser, an anesthesiologist at Sunnybrook Health Sciences Centre in Toronto. “And one in 10 of those affected will still have problems three to six months later. What happens at the one-year mark is still debated,” she says, adding that some may never fully recover.

The cognitive impairment seems to affect memory, word-finding and attention as well as certain “executive functions” of the brain, such as decision-making and problem-solving.

In some patients, the effects can be very subtle. They may not feel mentally impaired, although family members may notice a difference in their memory or behaviour.

Experts believe the anesthetic drugs used to induce an unconscious state – so patients don’t feel pain or remember the surgery – may be partly responsible for the cognitive changes.

But the biggest contributor to the mental deficits, known as postoperative cognitive dysfunction (POCD), might be the operation itself.

“Surgery is not a natural thing, and the body goes into a high state of alert,” says Dr. Roderic Eckenhoff, vice-chair of research in the department of anesthesiology and critical care at the University of Pennsylvania in Philadelphia. In particular, he adds, the immune system unleashes a cascade of cells that produce an inflammatory response, which continues to increase in intensity several days after the operation.

The brains of older patients and those with complex medical conditions appear to be especially vulnerable to this inflammatory assault.

“For people with existing mild cognitive impairment, the surgery may be tipping them over the edge,” says Orser, who is also chair of the department of anesthesia at the University of Toronto.

Researchers are looking for ways to reduce the risks of POCD. For instance, they are studying whether certain drugs that are given to surgical patients may have fewer negative effects than others. As well, in some cases, a local nerve block can be used to ease pain without the need for a full anesthetic. “With a nerve block, you recover faster from the anesthetic because you get less of the drug,” says Dr. Stephen Choi, a Sunnybrook anesthesiologist.

Even so, it’s not clear that the use of a nerve block actually protects the brain from cognitive impairment. The powerful effects of postsurgical inflammation may simply overwhelm the brains of some patients.

Researchers agree that there are gaps in their understanding of POCD, and they can’t identify with certainty which patients will run into problems. Although seniors tend to be at an elevated risk of postsurgery memory lapses, some do just fine.

So what are patients and health-care providers supposed to do while researchers probe for solutions?

Good postoperative nursing care is probably the best prevention strategy for all patients, says Eckenhoff. That means making sure patients resume a normal routine as soon as possible. “If they use glasses or hearing aids, they should get them back quickly so they can reorient themselves,” says Eckenhoff.

Returning to a natural sleep cycle is also critically important, he adds. “Poor sleep hygiene is thought to translate into a greater degree of inflammation of the brain.”

Choi says patients should at least be aware they might feel off-kilter after an operation, but he stresses that the risk of possible cognitive impairment is not a good enough reason to forgo an operation.

After all, the goal of most surgeries is to improve a patient’s quality of life or even extend life. Those benefits will likely outweigh any possible memory deficits – whether short or long term.

Paul Taylor is a patient navigation adviser at Sunnybrook Health Sciences Centre. He is a former health editor of *The Globe and Mail*. You can find him on Twitter and online at *Sunnybrook’s Your Health Matters*.

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NATIONAL FORECAST

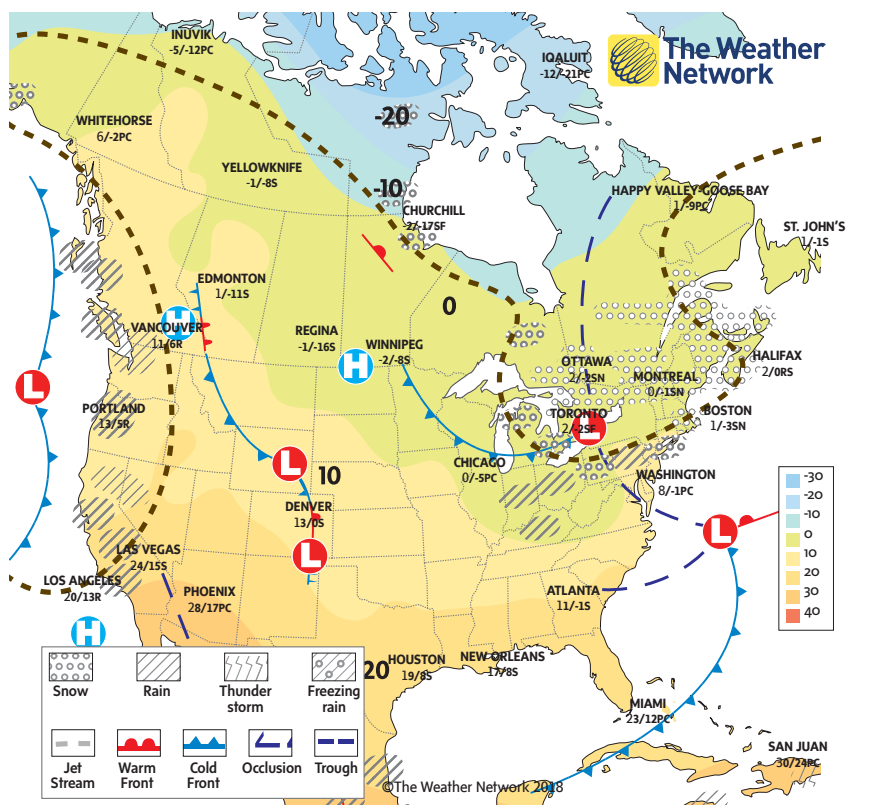
Daytime high, overnight low, and conditions	
C CLOUDY	RS RAIN/SNOW
FG FOG	S SUN
FR FREEZING RAIN	SN SNOW
HZ HAZE	SF SNOW FLURRIES
NA NOT AVAILABLE	SH SHOWERS
PC PARTLY CLOUDY	T THUNDERSTORMS
R RAIN	W WINDY

WORLD FORECAST

	TODAY	WED.	THUR.
AMSTERDAM	7/1R	11/4PC	12/4PC
ATHENS	19/11S	19/11S	17/12S
BANGKOK	33/27R	33/26T	36/26S
BEIJING	21/7S	17/9PC	13/1PC
BERLIN	11/5R	6/1R	9/3PC
BRUSSELS	7/1R	13/3PC	11/6R
COPENHAGEN	3/1R	3/2SF	1/2C
FRANKFURT	9/3R	8/0C	13/5PC
HONG KONG	22/20S	21/20R	22/19T
JERUSALEM	18/11PC	20/11S	18/8R
LAS VEGAS	24/15S	20/11S	18/9R
LONDON	11/6PC	13/9C	12/8R
LOS ANGELES	20/13R	17/10PC	14/9R
MADRID	13/6R	13/6R	11/3R
MIAMI BEACH	20/15S	20/14S	21/17S
MOSCOW	0/-6C	-2/-4C	-1/-12SN
NEW DELHI	35/20S	34/20S	35/18R
NEW YORK	6/15F	5/18S	7/2PC
NICE	17/8S	15/10PC	13/8R
ORLANDO	21/8S	20/6S	20/7S
PARIS	12/4R	15/8PC	11/6R
PHOENIX	28/17PC	29/15R	22/13PC
ROME	16/5S	16/8PC	14/9R
SAN FRANCISCO	14/9R	11/9R	11/9R
SEOUL	17/7PC	18/11PC	12/5R
SINGAPORE	29/25T	29/25T	31/25T
SYDNEY	22/20R	25/19R	27/21PC
TOKYO	15/8PC	18/8S	19/15PC
WASHINGTON	8/-1PC	6/-1PC	10/0PC

CANADA FORECAST

	TODAY	WED.	THUR.
BANFF	8/-7S	9/-3PC	3/-4RS
BARRIE	0/-4SF	-3/-8SF	0/-8PC
BRANDON	-3/-10S	1/-12S	-3/-10PC
CALGARY	9/-9S	5/-5PC	3/-4SN
CHARLOTTETOWN	2/1RS	2/1RS	2/-2RS
CHICOUTIMI	1/-15F	1/-3SN	2/-4SF
CHURCHILL	-2/-17SF	-15/-18PC	-9/-16PC
CORNER BROOK	4/-2PC	3/0SF	5/-1RS
CORNWALL	1/-2SN	2/-3SN	3/-7SF
EDMONTON	1/-11S	-1/-7PC	-1/-6PC
HALIFAX	2/0RS	3/1R	4/-1RS
HAMILTON	3/-3RS	1/-5SF	4/-6PC
HUNTSVILLE	1/-5SF	-1/-6SF	0/-10PC
IQALUIT	-12/-21PC	-17/-24C	-18/-22PC
JASPER	10/-6S	10/4PC	5/-2R
KELOWNA	11/4S	7/2R	7/0R
KINGSTON	2/-2SN	1/-3SF	4/-6PC
LONDON	1/4SF	-2/-3C	2/-6SF
MONTREAL	0/-1SN	2/2SN	2/7SF
NIAGARA FALLS	2/-3SF	1/-3SF	3/-5PC
NORTH BAY	-1/-8SF	-2/-9C	-2/-11PC
OTTAWA	2/-2SN	2/4SN	3/-8C
PRINCE GEORGE	9/0PC	7/-2R	6/-2SF
PETERBOROUGH	2/-3SF	0/-5SF	2/-8PC
QUEBEC	1/0SF	2/-1SN	3/-4SF
REGINA	-1/-16S	0/-8S	-2/-7SF
SASKATOON	-6/-15S	-1/-9S	-1/-9PC
SAULT S. M.	-2/-13PC	-1/-7PC	-3/-9PC
SAINT JOHN	2/1RS	2/0SN	3/-3SF
SEPT ILLES	1/15F	2/0SN	2/15N
ST. JOHN'S	1/1S	1/0SN	4/0R
SUDBURY	-2/-8SF	0/-9PC	-1/-11PC
THUNDER BAY	-3/-8PC	3/9PC	-1/-13PC
THOMPSON	4/-11PC	-6/-15PC	-2/-11S
TORONTO	2/-2SF	1/-5SF	3/-6PC
VAL D'OR	0/7SF	-2/-9SF	-3/-13C
VANCOUVER	11/6R	8/4R	9/3R
VICTORIA	10/6R	8/5R	9/4PC
WHISTLER	7/2R	5/1R	5/-1C
WHITEHORSE	6/-2PC	5/-4C	2/-7RS
WINNIPEG	-2/-8S	0/-14PC	-3/-10S
YELLOWKNIFE	-1/-8S	-1/-8S	-4/-10PC



BRIDGE
BY STEVE BECKER
TUESDAY, MARCH 13, 2018

North dealer.
Neither side vulnerable.

The bidding:

North	East	South	West
Pass	Pass	1[D]	Pass
3[D]	Pass	5[D]	Pass

Opening Lead – jack of hearts.

NORTH
♠ A Q
♥ Q 2
♦ Q 10 8 6 3
♣ J 7 5 2

WEST
♠ J 9 6 4
♥ J 10 9 6 3
♦ 4
♣ K 4 3

EAST
♠ K 10 8 5 3
♥ 8 7 5 4
♦ J
♣ Q 9 8

SOUTH
♠ 7 2
♥ A K
♦ A K 9 7 5 2
♠ A 10 6

Consider this deal where South twice had the opportunity to make a game. First, he could have bid three hearts at his second turn, inviting North to bid three notrump if he had stoppers in spades and clubs. At that contract, North would have had no difficulty scoring 10 tricks against any lead.

But then, having bid five diamonds instead, South should have found the way to score 11 tricks. He failed that test also.

After taking the heart lead with the ace, declarer cashed the ace of trumps and then led a spade to the queen. East won with the

king and exited with a heart. Declarer won, crossed to the ace of spades and led a club to the 10, losing to the king. When West returned a club, South could not avoid losing another club trick and finished down one.

Declarer could have assured making five diamonds with more careful play. His downfall can be attributed to the spade finesse he took at trick three. In fact, had dummy not held the spade queen, South would probably have found the winning route to 11 tricks without difficulty.

After drawing trumps, declarer should have cashed the heart

king and then played the A-Q of spades. Regardless of which defender won the trick, South would have been certain to make the contract.

Suppose East has the king of spades. He cannot safely return a heart or a spade, which would allow declarer to discard a club while he ruffed in dummy, so he leads a low club. South ducks this to West, who, upon winning the trick, must yield a ruff-and-discard or return a club, either way handing South the game-going trick.

The outcome is the same if West wins the king of spades.

CHALLENGE CROSSWORD

1		2			3		4		5		6
7					8						
					9						
10											
									11		
12									13		
									14		
											16
									15		
									17		
18											19
20											21

CRYPTIC CLUES

- ACROSS**
- She eats her stew (7)
 - Poet who makes a big hit in American sport (5)
 - Over-disposed to wander (4)
 - Items of clothing used by violinists (1-7)
 - Fast death? (10)
 - Back-biters (6)
 - Starts to play snooker in respites from work (6)
 - Sent crazy by other claims on your attention? (10)
 - Dependant paid for help when needed (8)
 - Boat painter's material (4)
 - A gesture one doesn't care to make (5)
 - Horrified by current events? (7)
- DOWN**
- Conditions laid down for periods in school (5)
 - Leave bin out – it's very desirable (8)
 - Capital way to buy cups and saucers, for example (6)
 - Where dockers may celebrate a boom? (7,3)
 - A large number and then some is still a large number (4)
 - Puts up some opposition to sister's new order (7)
 - Dominant reason for saddle-soreness (10)
 - A final observation? (4,4)
 - In a way, it harms the sun god (7)
 - The force of emphasis (6)
 - A number study in anxiety (5)
 - It may guide the traveller over deserts (4)

QUICK CLUES

- ACROSS**
- Distraught (7)
 - Hose (5)
 - Smell strongly (4)
 - Evergreen fragrant shrub (8)
 - Hidden (3,2,5)
 - Equality (6)
 - Glossiness (6)
 - Possessions (10)
 - Without parallel (8)
 - Incentive (4)
 - Instructions for counsel (5)
 - Argue angrily (7)
- DOWN**
- Do without (5)
 - An opening (8)
 - Polish composer (6)
 - Perceive true nature of (3,7)
 - Friendly conversation (4)
 - To an exorbitant level (3-4)
 - Without preparation (3,3,4)
 - Canadian city (8)
 - Throw into confusion (7)
 - Insincere (6)
 - Suffice (5)
 - Nocturnal, flightless bird (4)

SUDOKU

DIFFICULTY RATING: ★★☆☆☆

	2	8		3				9
3			6					5
			4	8	9			
	6	9		7				5
		7		1		4		
1				9		7	6	
			9	6	2			
	1			8				4
9			4			3	2	

INSTRUCTIONS Fill in the grid so that each row of nine squares, each column of nine and each section of nine (three squares by three) contains the numbers 1 through 9 in any order. There is only one solution to each puzzle.

1-	9+		2÷		108×
	5				
1-		12+		3	20×
3+	1-				
	72×	5-	3	4-	
			20×		2

KENKEN

INSTRUCTIONS

- Each row and each column must contain the numbers 1 through 6 without repeating.
- The numbers within the heavily outlined boxes, called cages, must combine using the given operation (in any order) to produce the target numbers in the top-left corners.

Freebies: Fill in 3 single-box cages with the numbers in the top-left corner.

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YESTERDAY'S CRYPTIC
ACROSS: 1 Crane driver, 9 Ease off, 10 Tramp, 11 Toss, 12 Waterloo, 14 Rowing, 16 Tartan, 18 Gilt edge, 19 Fom, 22 Tarot, 23 Opinion, 24 Emergencies.
DOWN: 2 Rises, 3 Noon, 4 Defray, 5 In the way, 6 Epaullet, 7 Set to rights, 8 Appointment, 13 Ancestor, 15 Wolfram, 17 Ignore, 20 Raise, 21 Disc.

YESTERDAY'S QUICK
ACROSS: 1 Call the tune, 9 Angular, 10 Regal, 11 Tart, 12 Document, 14 Citron, 16 Subtle, 18 Poignant, 19 Lash, 22 Trout, 23 Illegal, 24 High-powered.
DOWN: 2 Augur, 3 Lull, 4 Horror, 5 Tortuous, 6 Neglect, 7 Participate, 8 All the while, 13 Top-notch, 15 Tripoli, 17 Indigo, 20 Argue, 21 Else.

A woman with short dark curly hair, wearing a light blue dress and a black cardigan, is walking from left to right in a modern building hallway. She is using a white cane with an orange tip. The hallway has a light-colored wall with several circular recessed lights. In the background, there is a yellow wall with an 'EXIT' sign.

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BASKETBALL
There's no shortage of experts to help you predict NCAA winners ■ B13



GOLF
Canadian Corey Connors suffers a misstep in his rookie season on the PGA Tour ■ B13

SOCCER
Toronto FC ready to play on hostile ground in Mexico against Tigres UAN ■ B15

Report on Business

TUESDAY, MARCH 13, 2018 | GLOBEANDMAIL.COM

Canada's investment agency a good first step – it's the next moves that will be all uphill

BARRIE MCKENNA

OPINION



OTTAWA

The surprise isn't that Ottawa has launched a new agency to sell Canada to foreign investors. It is that the government waited until 2018 to create it.

The mandate of Invest in Canada, launched on Monday in Ottawa, is to work with cities, provinces and the private sector to create "a single-window service" for attracting foreign direct investment.

Most of the rest of the rest of the world has been doing this sort of thing for decades.

Countries such as South Korea, Singapore, Ireland and Costa Rica routinely win awards for the work of their investment-promotion agencies, including hand holding of prospective investors, diverse language skills, user-friendly websites and, of course, results.

International Trade Minister François-Philippe Champagne enthusiastically vowed that Ottawa's latecomer to the global promotion game would "position Canada as the top investment destination."

He also named two businessmen to run the new organization. Cirque du Soleil chairman and former online gambling executive Mitch Garber will head the agency's board of directors. Ian McKay, a former Liberal Party of Canada national director and long-time executive of EuroBrokers International, will be CEO.

■ MCKENNA, B6



ONTARIO MINIMUM WAGE HIKE

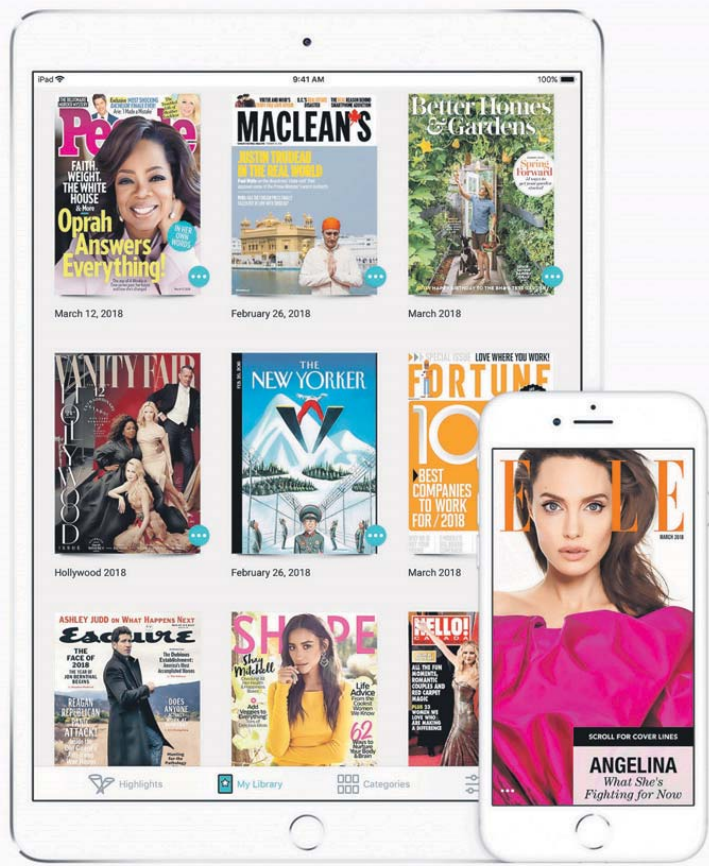
Cara Operations says it has managed the impact of higher wages with selective price increases and menu changes at its various banners ■ B8

INSIDE THE MARKET

Norman Rothery wonders whether today's high-tech monsters represent this era's equivalent of Radio Corp. of America ■ B9

Apple buys magazine app from Rogers, U.S. publishers

As tech giant looks to Texture to raise service revenue, Rogers unloads a platform it once touted as a solution to a beleaguered magazine-publishing business model



Texture will continue to feature Rogers Media magazines such as Maclean's, Chatelaine, Today's Parent and Hello! Canada. In total there are 34 Canadian magazines on the platform. APPLE

CHRISTINE DOBBY
TELECOM REPORTER

Apple Inc. is acquiring Texture, the all-you-can-read digital magazine service partly owned by **Rogers Communications Inc.**

For Apple, the move to buy Texture – which gives subscribers access to more than 200 U.S. and Canadian magazines for between \$10 and \$15 a month – is being hailed as another way for the iPhone maker to increase its service revenue. The company hopes to increase the money it earns from services such as movie rentals, music streaming and app downloads to US\$50-billion by 2021.

For Toronto-based Rogers, meanwhile, the deal announced on Monday

means the end of its ownership of the Texture platform, which it once touted as a solution to the beleaguered magazine-publishing business model as it focused on subscribers paying for content at a time when advertiser revenue was sharply declining.

Rogers purchased an equity stake in what was then known as Next Issue in 2013. The service, which Apple is purchasing for an undisclosed price, is also owned by Condé Nast Publications Inc., Hearst Corp., New York-based private equity firm Kohlberg Kravis Roberts & Co. and Meredith Corp.

"We are exceptionally proud that Apple, a world leader in content distribution and innovation, has recognized the value in Texture, a service we have cultivated and proudly

grown over the last five years," Rick Brace, president of Rogers Media, said in an e-mailed statement.

He added that Texture will continue to feature Rogers Media magazines such as Maclean's, Chatelaine, Today's Parent and Hello! Canada. In total there are 34 Canadian magazines on the platform.

Many Rogers customers receive Texture as a perk for subscribing to certain wireless plans, and spokeswoman Andrea Goldstein said Monday those customers "will continue to receive their free subscription from Rogers."

Customers who pay for the service will become subscribers of the service now owned by Apple, which will take over the billing, she said.

■ APPLE, B6

BIG DEALS TECHNOLOGY

A match made in M&A: Computer science the new competitive edge in the hunt for acquisitions

JACQUELINE NELSON

Data scientists, physicists, mathematicians and behavioural economists. Meet the new deal team.

As buyout multiples have climbed and capital piles up in private investment funds, acquirers have been looking for a competitive edge in their hunt for acquisitions. For some firms, that has meant doing more advanced data analysis in an effort to better understand, value and integrate a business into their portfolio. And that is bringing computer science and M&A communities closer than ever.

Deal making has always required rigorous number crunching and sophisticated excel modelling, but increasingly it's also involving the use of "unstructured data," data that don't format neatly in a spreadsheet, such as census figures, social-media inputs, image files and even weather patterns.

New technology can help acquirers such as pension funds and private-equity buyers when they're prospecting for deals as well as in the due-diligence and integration phases of the deal.

"Ontario is a really good place for a trend like this to happen," says Dave Planques, national deals leader at PwC Canada, which has more than 100 people working on its data analytics team. "We have all these really large pension funds, big and sophisticated private-equity funds, and large asset managers."

"We also have really deep artificial intelligence, data analytics and machine-learning communities and universities are focused on pumping those people out."

■ ACQUISITIONS, B2

BIG DEALS MARIJUANA

Cash flooding into nascent cannabis sector is a windfall that comes with a warning

CHRISTINA PELLEGRINI

It has been a busy six months of deal making for legal cannabis companies.

The sector has captivated investors in Canada and beyond – from millennials to retirees, pro traders to first-time investors. Their cash has been flooding into marijuana equities and exchange-traded funds, helping to push the valuations of startups that have booked little to no revenue, let alone income, into the hundreds of millions and even billions.

All of this action – most of it speculative – has been a boon for the bankers, lawyers, auditors and consultants who advise public and private cannabis firms on deal-making, compliance, accounting and their operations. It has also caused some observers to warn of a bubble that will leave large numbers of investors holding the bag.

The frenzy is rooted in a shift in public policy that is seeing countries across several continents permit and regulate the growth, sale and use of marijuana in some form. Canada is leading the charge by becoming the first Group of Seven country to allow recreational use of the drug later in the year, building on a new medical regime that serves 235,621 patients, according to the latest Health Canada figures.

The sector ended the last year with a bang after a quiet third quarter, as companies raised a record \$900-million in equity in the last three months of 2017, according to data compiled by Canaccord Genuity Corp.

"We are seeing demand from all over the world to invest in the cannabis sector here," said Graham Saunders, the head of origination at Canaccord.

■ CANNABIS, B2

MARKETS			
▲ S&P/TSX	15,604.79	+26.98	
▼ DOW	25,178.61	-157.13	
▼ S&P 500	2,783.02	-3.55	
▲ NASDAQ	7,588.32	+27.51	
▲ DOLLAR	77.94/1.2830	+0.06/-0.0010	
▼ GOLD	1,320.80	-3.20	
▼ OIL	61.36	-0.68	
▼ GCAN 10-YR	2.23%	-0.03	

COMPANIES		
BARRICK GOLD	.....	B10
BOMBARDIER	.....	B3
BROADCOM	.....	B6
CARA OPERATIONS	.....	B8,B10
CHORUS AVIATION	.....	B10
COMINAR REIT	.....	B10
EVERTZ TECHNOLOGIES	.....	B10
FREehold ROYALTIES	.....	B10
PEYTO EXPLORATION & DEVELOPMENT	.....	B10
QUALCOMM	.....	B6



An employee handles substances at a Canopy Growth facility in Smiths Falls, Ont., on March 8. BMO made a splash in January when it became the first big bank to lead a cannabis deal by co-leading a financing for Canopy with GMP Capital. SEAN KILPATRICK/THE CANADIAN PRESS

Cannabis: Non-bank investment houses have dominated young marijuana industry

■ FROM B1

Then, in the first handful of weeks in 2018, the industry announced more offerings worth \$1.8-billion, flooding the market with new shares at or near all-time highs.

Many aren't just selling plain-old common shares. Instead, there are many deals that include warrants — which convert into shares at a certain price within a period of time — or units — which consist of a share and a half-warrant. A few are convertible debentures, which is a bond that can be converted into stock.

"Those are the structures investors are demanding for the risks they are taking," Mr. Saunders added. "It's not like we're underwriting Bell Canada or TD Bank. This sector has risk in it."

In Canada, non-bank investment houses have dominated the young industry, taking dozens of companies public, underwriting equity sales and advising on deals. That's because the biggest banks have mostly been watching from the sidelines, as they weigh the risks of banking these early-stage companies and selling their volatile shares into their vast retail platforms.

BMO Nesbitt Burns Inc. made a splash in January when it co-led a \$200-million financing for Canopy Growth Corp., marking the first time a big bank has led a cannabis deal. The transaction won't be a one-and-done for BMO: It is getting closer to Canopy, sponsoring a lunchtime speech by Canopy chief executive officer Bruce Linton in Toronto earlier this month and plotting other producers it should support.

The other co-lead in Canopy's January deal was GMP Capital Inc., which brought Canopy's — and the industry's — first equity sale to market in April, 2014.

Small firm Clarus Securities Inc. entered the fray in 2015 with Aphria Inc., now the country's third-largest cannabis grower by market cap. It has also worked with businesses linked to Aphria, including Liberty Health Sciences Inc. and Nuvera Corp.

In 2016, Canaccord jumped into the space as part of a share sale by Mettrum Health Corp., which was sold to Canopy in early 2017, and has thrived in this market. Ever since, the investment bank has attracted clients in Canada and the United States, where it hired a banker in San Francisco who is devoted to marijuana. Operating in the U.S. cannabis market has its risks because while the drug is permitted in certain states, it is illegal under federal law.

Some cannabis companies have signed agreements that give an investment bank the right or option to lead their future transactions, meaning loyalty is written in the contract for a period of time.

There are more than 90 pot stocks in Canada today. Many publicly traded licensed producers have raised funds since going public to pay for bigger facilities in order to fuel their growth.

Only a half-dozen companies are listed on the Toronto Stock Exchange. The majority of the country's public cannabis firms are listed on the Canadian Securities Exchange (CSE), a venue for tiny startups. As of early March, 65 of the CSE's 360 equity listings do business in the sector — and 17 are in the United States. The CSE pot stocks are worth a combined \$7.2-billion, or 63 per cent of the entire market.

Interest in the space has soared. This winter, billions of shares in pot stocks have changed hands, straining the IT systems of the largest retail investing plat-

forms at Toronto-Dominion Bank and Royal Bank of Canada.

Earlier this year, Brent Zettl, chief executive at CanniMed Therapeutics Inc., said his adult children and their friends had been buying and selling pot stocks even though they really didn't know how to properly value them.

"We've got a whole new generation of millennials that are buying stocks that don't understand what stocks are worth," Mr. Zettl said in January after his company was bought by Aurora Cannabis Inc. "Their metric for buying marijuana stocks is very simple: How many shares do I get for how many dollars I put in? They're newbies."

Pick any day in the past few months and at least one pot stock listed on a TMX Group Ltd. exchange will be among the most actively traded in Canada, namely Aurora, which has operations in Alberta and Quebec, and Ontario's Newstrike Resources Ltd. Shares of Aurora are high up on a recent list of the most-shorted stocks in the country, as traders — led by hedge funds — bet that their prices will soon tumble.

Companies say they are focused on reducing their costs, researching new dosage forms, building brands and getting their products in front of patients and retail consumers at the right price.

"Ultimately, what wins at the end of the day will be branding and distribution channels," said Steve Ottaway, head of the health care practice at investment bank GMP.

"We are at a unique moment in time where a whole industry that has been underground is going legitimate and going global. Canada is sitting at the forefront. How often does that happen?"

A + E chief executive in talks with Vice as its founder, current CEO eyes new role

LUCAS SHAW
CHRISTOPHER PALMERI

Nancy Dubuc, the chief executive officer of A+E Television Networks, is stepping down and is poised to take on a similar role at Vice Media LLC, according to people familiar with the discussions.

Shane Smith, a Vice founder and its current CEO, would shift to overseeing programming and content deals, said one of the people, who asked not to be identified because the discussions are private. Mr. Smith and Vice's board have been in talks for some time

about carving out a new position for him, other people said.

The talks with Ms. Dubuc follow a series of changes at Vice in which senior executives there have been fired or put on leave due to complaints of sexual harassment.

Mr. Smith, 48, is giving way to one of the most accomplished female executives in media. Ms. Dubuc, 49, who has led A+E since 2013, helped assemble a popular reality-TV lineup that included hits such as *Ice Road Truckers* and *Duck Dynasty*.

A+E, a joint venture of Walt Disney Co. and Hearst Co., owns

a number of cable TV channels, including A+E. The company said Monday that Ms. Dubuc was stepping down, effective April 16, to be replaced on an interim basis by Abbe Raven, the chairman emeritus and former CEO.

Vice Media, whose target audience is young adults, includes the cable TV network ViceLand, a news program on HBO and online video efforts.

Disney owns 10 per cent of Vice directly. A+E has an additional 18 per cent and shares ownership of ViceLand with Vice.

BLOOMBERG NEWS

Acquisitions: Advanced data analysis aims to boost odds of finding, buying and integrating a deal efficiently

■ FROM B1

David Nowak, managing partner in Brookfield Asset Management Inc.'s private-equity group, says the firm can get more value out of its businesses through data analysis now than a decade ago.

One example would be Brookfield's deal to acquire paper-packaging company Longview Fibre Co. in 2007. The company had too many products at the time and Brookfield used data analysis to determine which ones were profitable and which ones weren't and should be jettisoned.

That's a more primitive version of what's happening at the investment manager today. To make the gas station business it bought from Loblaw Cos. Ltd. last year more profitable, the company is looking beyond each product's gross margin to other data that show how consumers shop.

"Part of the analysis of what we're doing on the convenience-store side is we're trying to figure out where we really make money," Mr. Nowak says of the 213 locations it is in the process of rebranding as Mobil.

"Social media, loyalty reward cards and other data sets have made it possible to understand more about the interconnectedness of customer buying behaviour. And the point is that sometimes people will come in to buy a product that is not profitable, but it's the whole reason they went to your gas station to fill up for gas," he said.

Firms that sell their data-analysis services say the adoption of new systems by large investors has been driven as much by new technologies as it has by buyers becoming more comfortable with the idea of data analytics and machine-learning services.

"Right now, it's an extremely competitive, frothy M&A market and everyone has a focus on how do they get faster in M&A, and how do they identify the value creation opportunities that allow them to put the most competitive bid forward?" said Mark Jamrozinski, Canadian M&A leader at Deloitte Canada, adding that it's only in the past year or two that new technologies are really allowing acquirers to execute deals faster and cheaper.

Mr. Jamrozinski says some bank and insurance company clients that would not have hired the firm to do financial due diligence in years past are now bringing the firm in for its ability to process information faster and format it using interactive data visualization products to communicate results to people.

There has long been a sense that deal-making is as much of an art as a science and that there's room for improvement among buyers. A range of academic research on the success rates of mergers and acquisitions conducted over the past few decades suggests the chance of a bidder finding, buying and integrating a deal well is often no better than a coin flip. Advanced data analysis aims to improve those odds, and serial acquirers such as private-equity firms may get the added benefit of being able to reuse databases and applications created for previous deals.

Alex Mohelsky, EY Canada's data and analytics leader, said thanks to the increasing acceptance and use of cloud-computing technology and the fact that more analytics can be done on low-end commodity hardware, deal making tools are becoming more widely used.

Open-sourced computer programming languages such as R and Python have contributed to this democratization, and groups including the CFA Society are offering introductory instructions for finance pros.

"It's becoming a bit of a competitive arms race. If you're not aware of how to use those things, your competitors will be and they will target and optimize things better than you will," Mr. Mohelsky said.

The lure of bringing more automation to finance picked up in the United States in the past year, according to reports from Bloomberg.

A program called Contract Intelligence, or COIN, at JPMorgan Chase & Co. can save the bank 360,000 person hours by using machine learning and software to review commercial-loan agreements, according to one report.

And Goldman Sachs Group Inc. analyzed initial public offerings and found that thousands of hours of employee time could be saved by letting computers take over the process, another report found. The system automated steps such as client updates on the deal process. The bank is also mulling how to apply the technology to other deals, such as corporate mergers and bond sales.

Still, several Canadian investment bankers and institutional investors declined to comment on this topic, saying that personal connections and relationships are the real drivers of successful deal procurement and integration. Some smaller private-equity funds said that their deals either weren't complex or document-laden enough to warrant investments in analytical resources, or that they didn't believe their target businesses would be good fits with availability technology.

Others, such as Mr. Nowak, say they're glad to have the first-mover advantage in advanced data analytics as long as it lasts, even if the tools are no replacement for the operational experts that know how to ask the right questions.

"It's a tool. We use it as part of an arrow in our quiver to make decisions," he said.

“Right now, it's an extremely competitive, frothy M&A market and everyone has a focus on how do they get faster in M&A, and how do they identify the value creation opportunities that allow them to put the most competitive bid forward?”

MARK JAMROZINSKI
CANADIAN M&A LEADER AT
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Bombardier union seeks to block Toronto plant sale

FREDERIC TOMESCO

Bombardier Inc.'s plan to sell a manufacturing plant on a coveted piece of land near Toronto is running into opposition from the company's own employees.

Unifor, the union that represents about 2,000 production and office staff at the Downsview facility, is lobbying government officials to reject any requests for a rezoning to allow residential development, which would make it easier for Bombardier to find a buyer. Downsview, where the company assembles Global 6000 business jets and Q400 turboprops, is now restricted to industrial use.

"We don't want to move," Scott McIlmoyle, president of Unifor



Bombardier employees install parts on a Global 6000 aircraft at a Toronto facility in 2012. The company's CEO is looking to sell a piece of land in the city to increase cash generation. MIKE CASSESE/REUTERS

Local 112, said in a telephone interview. "Our position is that we're going to do everything we can to keep our members and our work right there. We have a responsibility to look after our members."

Chief executive officer Alain Bellemare is seeking to sell Downsview as he steps up efforts to increase cash generation at the debt-laden maker of planes and trains. Canada's biggest aerospace company has hired advisers to find a buyer for the property and is looking at scenarios that include relocating production near the city's Lester B. Pearson International Airport.

Bombardier said in January it had begun reviewing options for Downsview because it uses only about 10 per cent of the 150-hec-

tare site and bears the entire cost of operating a two-kilometre runway. Downsview is "an amazing piece of land," Mr. Bellemare said Feb. 15 on a conference call with analysts. "It's an underutilized asset. We can do the same type of work somewhere else and really unlock huge value."

Efforts to sell the property are underway and the Montreal-based company hopes to complete a deal "relatively quickly in 2018," Mr. Bellemare also said last month. He didn't elaborate on possible financial terms.

Downsview could fetch as much as US\$1-billion, a "wild card" that would add "upside" to Bombardier, Cowen & Co. analyst Cai von Rumohr said.

BLOOMBERG NEWS

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OPINION & ANALYSIS

Why it makes business sense to close the gender pay gap

PAMELA JEFFERY

OPINION

Partner and national lead of the inclusion and diversity strategy group at KPMG in Canada

Women in Canada don't get paid enough. This is not news. We've been talking for decades about the gap between what men and women are paid. Depending on how you measure it, today, women earn between 74 cents and 87 cents on the dollar compared with men. Those numbers have not changed much over the years.

In fact, over the past 38 years that Statistics Canada has been measuring this, we've only been able to close the gap by 10 cents. This means that while we've talked about fixing this issue for nearly two generations of workers, we haven't even cut the gap in half.

As we saw with recent legislation brought forward in Ottawa and at Queen's Park, both the federal and Ontario governments feel they need to intervene to address the pay disparity.

In the case of Ottawa, extending pay-equity legislation to cover any firm that does business with the federal government will undoubtedly cause some angst among business owners who will now be required to collect and measure data on gender pay levels in order to bid on jobs. In Ontario, new pay transparency laws should help shed light on where systemic and unconscious bias affects how men and women in similar roles are paid.

However, it is far too early to tell whether these government measures will move the dial and whether the additional reporting and operating regulations will be a drag on the economy.

My work in this space recognizes that some firms will only move on this issue when required by law. But there are substantive business reasons why they should make the effort to understand whether they have a pay gap, and to fix it if they do.

There are many views on why women are paid less than men and why we've not been able to make much headway in reducing the gap. Some will argue it is simply a case of supply and demand. Women make less because they tend to work in lower-paying industries, they suffer gaps in their careers from taking time off to start and raise a family, and are more likely to hold an unskilled part-time job. These contribute to the gap. But they don't tell the full story.

The reality is women, on average, are more educated than men are today. Back in 1971, less than one-third of university grads in Canada were women. Today, more women enroll and graduate from university than do men – and in the past 25 years, the number of women with university degrees has nearly tripled. Yet, despite closing the gap and overtaking men in terms of education, the pay gap has remained stubbornly wide.

Companies cannot expect to come up with innovative solutions if they don't create an inclusive environment that values the perspectives, experiences and voices of all their employees.

On the whole, Canadians see ours as a just and fair society – a society that would see it as fundamentally unfair that someone would be paid less just because of their gender, race, religion, sexual orientation or because of anything but merit and performance.

When I began my career, I discovered that I was being paid less than my male colleague who had a position identical to mine. I didn't want to risk losing my job right after graduating with my

first degree, so I said nothing. After two years, I resigned to pursue an MBA in order to propel my career, increase my earnings and lessen the likelihood this would happen again.

I know my experience is not unique. Today, more women in Canada hold both bachelor and master's degrees than men do, yet women remain woefully underrepresented in senior management positions. According to the Canadian Board Diversity Council 2017 Annual Report Card co-sponsored by KPMG each year, women held only 19.6 per cent of executive roles in Canada's largest 500 organizations. So, despite gaining the education, women are largely still being shut out of the C-suite. The same goes for boards of directors in Canada: Women held 22.6 per cent of board seats in 2017. There are many capable women in Canada who could and should serve on boards who just aren't getting the opportunity.

In today's highly competitive environment, it is imperative that companies create environments that not only attract the best and brightest, but get the most out of its people once they come in the door:

- Millennials will make up 50 per cent of Canadian workers by 2020 and are changing the way business is done. Empowered by technology and social media, they are exerting their leverage as employees and customers at organizations to create inclusive and diverse workplaces. If companies don't adapt, they risk costly turnover.

- We regularly lament the lack of innovation and productivity in Canada – and that our companies are too conservative and staid. The reality is we are not going to foster the kind of ideas needed to compete if we devalue the worth of almost 50 per cent of our work force.

- It is estimated that by 2020, there will be a global talent shortage of 85 million high-skilled and medium-skilled workers. Without cultures where women are valued as equal contributors, employers will find it challenging to replace older workers as they retire.

Almost every conversation I have with our clients centres on the role inclusion and diversity plays in driving innovation. Companies cannot expect to come up with innovative solutions if they don't create an inclusive environment that values the perspectives, experiences and voices of all their employees. The companies that understand this seek out and reward viewpoints that drive better business solutions. And, they help mitigate the growing financial, legal and brand risks associated with discrimination and harassment in the workplace.

Addressing the gender pay gap is the right decision for society – all women deserve to earn a decent living and be paid what they are worth. And it is also the right decision for business.



Workers oversee operations at a Katanga Mining copper-cobalt facility in the Democratic Republic of the Congo. Katanga had to restate two years of its accounts last November after Canadian securities regulators started questioning some of its practices. KATANGA MINING

Taxes aren't the real problem with mining in Congo

DAVID FICKLING

OPINION

Bloomberg Gadfly columnist covering commodities, as well as industrial and consumer companies

There's a strange thing about the fear going through the global mining industry after the Democratic Republic of the Congo signed an order to lift royalties last week: Compared with most other countries, these levies are still relatively low.

The existing 2-per-cent rate on copper extraction compares with royalties five times that level in Chile and Peru, the two biggest producers.

Even at the new 3.5-per-cent rate proposed by the country's national assembly, charges will still be lower than those paid in Australia and the United States, according to a PricewaterhouseCoopers database of copper royalties. (There'll be an additional levy on windfall profits, too – but the history of those taxes suggests little money will be raised, anyway.)

So what's the fuss about?

For one thing, royalties are only part of the cost mix for a mine. Congo's southeastern copper belt is isolated and infrastructure-poor even by the standards of major mining regions. Electricity is brought by power lines from near the mouth of the Congo River on the opposite side of the continent, and the region has invested heavily in diesel back-up generators and upgrades to the dams and transmission lines to gain a measure of stability. Exports are mostly along a snaking roadway via

Zambia and Botswana to South Africa's Durban port.

That raises costs substantially. Despite some of the highest ore grades in the world and a rich endowment of the currently red-hot battery element cobalt, operating cash costs at Katanga Mining Ltd., controlled by Glencore PLC, came to US\$2.17 a pound of copper in 2014. That's more than double the 93 US cents a pound at BHP Billiton Ltd.'s Escondida, in Chile, in its most recent fiscal year.

Relations between mining companies and governments resemble haggling, and this litany of difficulties means Congo is stuck in a perennially weak bargaining position.

On top of that, there's an informal Congo dividend to be paid. Israeli billionaire Dan Gertler, a former shareholder in Katanga, had his U.S. assets frozen in December after the Treasury alleged he'd forced multinational companies to use him as a middleman to do business in Congo. The Guardian reported the previous month that the Paradise Papers leak showed Glencore loaning \$45-million to Mr. Gertler in exchange for assistance securing a mining agreement for Katanga. (Both sides have said there was nothing unusual or improper about the arrangement.)

There are other problems. Katanga had to restate two years of its accounts last November after Canadian securities regulators started questioning some of

its practices. The review found the company claimed to have made about 8,000 tonnes of copper that was never produced, and said that about US\$108-million of metal concentrates had gone missing from the plant, while Katanga hadn't known about US\$5.5-million in undisclosed payments that Glencore had made to 12 of its managers.

And don't forget the ever-present risk of unrest. President Joseph Kabila, who signed the mining code after six hours of talks with resources executives, is in government 15 months after his second term was supposed to end. Almost two million people were driven from their homes last year amid ethnic clashes centring on the northeast, and a similar number of children are now at risk of starvation because of aid shortages.

Relations between mining companies and governments resemble haggling, and this litany of difficulties means Congo is stuck in a perennially weak bargaining position. The high quality of its mining assets is discounted by the parlous state of its infrastructure and governance. That's only partly compensated for by the fact that taxes are still relatively light.

A better equilibrium would see higher tax rates paying for state-building, roads and electricity generation, bringing down the cost and risk of mining in Congo. That would be wonderful – but in a war-torn country where government revenues are frittered away on graft, it's little wonder mining companies balk at paying tomorrow in return for the weakest hint of hope for the future.

BLOOMBERG NEWS

DILBERT



Tariff exemption may help NAFTA talks: Morneau

PAUL WALDIE LONDON
EUROPEAN CORRESPONDENT

Finance Minister Bill Morneau says Canada's ability to win an exemption from proposed U.S. tariffs on steel and aluminum should help in the continuing NAFTA negotiations.

"I think that the demonstration of our relationship that came through this discussion is one that bodes well for the future in terms of any future discussion around tariffs, or for that matter, around NAFTA, showing that we can get to good outcomes through the use of our relationships and the explanation of how important it is that we work together," Mr. Morneau said after a speech to a business group in



A worker handles steel at a fabrication plant in Sault Ste. Marie, Ont., on March 7. Last week, U.S. President Donald Trump exempted Canada and Mexico from new import duties on steel and aluminum. IAN WILLMS/NYT

London.

Last week, U.S. President Donald Trump excluded Canada and Mexico from new import duties of 25 per cent on steel and 10 per cent on aluminum. However, the President connected the tariff decision to the talks about a new North American free-trade agreement between Canada, the United States and Mexico, saying the tariffs could be imposed depending on the outcome of the negotiations.

Mr. Morneau said Canada does not believe the steel and aluminum issues should be tied to the NAFTA talks, but he said the fact that Canada won an exemption was a positive sign. "We worked hard to explain how integral we are to the North American market," he said, adding that he was

"cautiously optimistic" about a new NAFTA agreement.

"We've shown that we can deal with steel and aluminum tariffs as something that's a separate issue and we'll continue down those paths."

Canada is also keen to reach a post-Brexit trade deal with Britain that would have as few trade barriers as possible, he added. Britain cannot formalize any new trade agreements until it is completely out of the European Union, a process that could take until 2020.

The Canada-EU trade deal has been cited as an example for a future trading relationship between Canada and Britain, as well as between Britain and the EU. That deal, however, covers only a limited number of areas.

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Uncertainty



KATE LARSON

PROFESSOR, CHERITON SCHOOL OF COMPUTER SCIENCE

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Kate Larson works at the intersection of artificial intelligence, game theory and microeconomics to identify the most effective way to accomplish goals in multi-agent systems – which include any combination of intelligent machines, humans or teams and their environments.

Working with wildfire experts, she applied game theory and AI to better understand how to deploy firefighting resources across the country. She also studied how social-network structure influences voting behaviour and is researching how we can use disagreement to better train machine learning algorithms.

Larson's passion for helping future generations understand AI and apply it to the issues of today keeps her motivated to keep finding better answers.

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'Cryptojacking' puts idle websites to nefarious work

Tactic involves certain web pages being used to force unwitting surfers into generating funds for criminals

MICHAEL OLIVEIRA

Scores of Canadians dipped their toes into cryptocurrency mining in recent weeks — they just didn't realize it.

A wave of so-called "cryptojacking" has been sweeping the internet, forcing unwitting web surfers into generating money for cybercriminals.

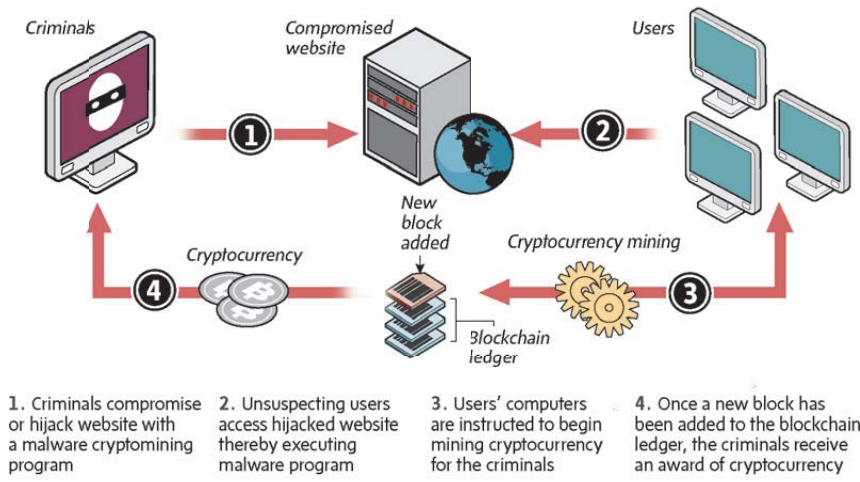
Hackers infect websites with malicious code that secretly conscripts visitors into an army of cryptocurrency miners. Cryptocurrency mining involves devoting a computer's processing power to solving a complicated mathematical problem with digital currency offered as a reward.

The cryptojacking process is invisible and web surfers typically don't even realize anything is happening in the background, unless they hear their computer's fan kick in as the machine is forced to work at its full capacity. Once they leave the infected website, the cryptojacking stops.

Computer security researcher Troy Mursch recently identified as many as 50,000 websites that had been compromised by the latest hacking trend and said cryptojacking is in its "gold rush" stage.

An incident last month also exposed just how large the problem is becoming. On a quiet Sunday morning with most IT workers at home with their families, the websites of the Information and Privacy Commissioner of Ontario, the Centre for Addiction

HOW 'CRYPTOJACKING' WORKS



1. Criminals compromise or hijack website with a malware cryptomining program
2. Unsuspecting users access hijacked website thereby executing malware program
3. Users' computers are instructed to begin mining cryptocurrency for the criminals
4. Once a new block has been added to the blockchain ledger, the criminals receive an award of cryptocurrency

JOHN SOPINSKI/THE GLOBE AND MAIL, SOURCE: EUROPEAN AGENCY FOR NETWORK AND INFORMATION SECURITY

and Mental Health, and the municipal websites of cities including Yellowknife and Oshawa, Ont., were among thousands that were hit with an attack linked to a third-party accessibility app called Browseloud.

More recently, the infected sites Mr. Mursch identified included thousands using the WordPress platform, which is favoured by bloggers and small businesses looking for an easy way to set up a web presence. Canadian mom-and-pop stores, wedding photographers and personal trainers were among those who had their websites turned into profit generators for hackers.

The scheme has proved so profitable that many hackers have been turning their attention away from trying to steal consumers' personal information or hijack computers with so-called ransomware attacks, says Vancouver-based Jerome Segura, a security researcher with software company Malwarebytes.

"It's not that it's not happening any more, but it's a lot less than it was in the last couple of years when ransomware was the main focus and causing mayhem," Mr. Segura said, pointing to last year's WannaCry global cyberattack that hit hundreds of thousands of computers including critical machines in hospitals.

"As long as the price of cryptocurrencies stays high, this is going to be the kind of activity that we're going to see cybercriminals prefer." While he hesitated to call the trend toward cryptojacking "good news" for internet users, Mr. Mursch said "it's definitely the lesser of the evils" compared with being victimized by a ransomware attack, in which hackers digitally lock a computer and demand to be paid before releasing it to the owner.

"Ransomware is basically like pointing a gun at you and saying, 'Hey, pay up or you're not getting your files back,' versus cryptojacking you might not even know about it, it's just going to silently steal your electricity," he said. Mr. Segura said what's striking about this latest trend is that it affects virtually any kind of device that can access a website. In the past, many consumers thought they were safe from viruses and malware on their mobile phones or Apple computers.

"It's platform agnostic in the sense that it doesn't matter if you have a Windows computer, or a Mac, or even a mobile device — if you're visiting that website, your device will start mining regardless," he said. He added there is a possible risk of damage to an overworked device if it were to be left mining endlessly for an

extended period of time. "There have been cases — more proof-of-concepts, but still — where in a lab people tested running a cryptominer at 100 per cent and after a certain amount of hours the device overheats and actually pops, the back popped out," Mr. Segura said.

While the trend could very easily reverse itself if and when the cryptocurrency that is currently being targeted, Monero, drops in price, Mr. Segura said there's also a risk that hackers could adapt their tactics and try to target users' computers for mining and not just their web browsers.

On Wednesday, Microsoft reported its Windows Defender Antivirus software had recently blocked attempts by hackers to embed cryptomining malware on nearly 500,000 computers in a single day, mostly in Russia, Turkey and Ukraine.

Mr. Mursch said his advice to WordPress users is to be diligent about installing software updates, which can be a very easy fix to address security vulnerabilities that arise.

He noted that many of the infected WordPress sites he found appeared to be abandoned by their owners but continued to "just float out there in the ether" loaded with code that could infect web surfers.

Mr. Segura said he hopes the cryptojacking trend won't lead to internet users letting their guard down too much. "If you take it too lightly and think, 'Well, it's not really affecting my computer much,' what you don't realize is it's fuelling an economy that is benefiting criminals," Mr. Segura said. "This is dirty money that they're making."

THE CANADIAN PRESS

EU vows to resist 'bullies' as Trump urges bloc to axe U.S. tariffs

NIKOS CHRYSOLORAS

The European Union's trade chief dismissed Donald Trump's threat to impose tariffs on car imports, as the U.S. President reiterated that the EU must eliminate barriers to its market for American goods, adding to signs that a widening transatlantic rift could escalate into an all-out trade war.

"Secretary of Commerce Wilbur Ross will be speaking with representatives of the European Union about eliminating the large Tariffs and Barriers they use against the U.S.A.," Mr. Trump tweeted on Monday. "Not fair to our farmers and manufacturers."

His comments came as EU Trade Commissioner Cecilia Malmstrom accused the Trump administration of using trade "to threaten and intimidate" Europeans. "But we are not afraid, we will stand up to the bullies," Ms. Malmstrom said, adding that trade has been used "as a scapegoat."

After announcing tariffs on steel and aluminum imports, Mr. Trump threatened over the weekend that he may now place higher levies on European cars, telling supporters at a rally that the countries of the EU have banded together "to screw the U.S. on trade." The latest spat comes as disputes over areas ranging from climate change to Middle East policy strain the bonds holding together the world's closest political and military alliance.

BLOOMBERG NEWS

McKenna: Choice of agency's CEO suggests Invest in Canada will have both political and economic roles

■ FROM B1

Meeting Mr. Champagne's lofty objective won't be easy. The agency will have a budget of roughly \$44-million a year to hire staff, integrate the government's existing network of trade commissioners and open offices across the country. That may seem like a reasonable sum, but consider that tiny Singapore's highly successful Economic Development Board has 500 employees and a \$400-million budget.

However, the new agency's greatest challenge isn't a lack of resources. It's U.S. President Donald Trump and the uncertainty gripping investment in Canada.

The country is in the throes of a potentially damaging investment chill as business decision-makers weigh the impact of a lost corporate tax edge against the United States, the possible demise of the North American free-trade agreement, rising protectionism and regulatory paralysis gripping major energy projects.

Experts say Canadian and foreign companies are already deferring investments or putting their money in the United States as a result.

Canada has dug itself a deep hole. Foreign direct investment in Canada declined for a third consecutive year in 2017, plunging 26 per cent, according to Statistics Canada. The ratio of non-residential business investment relative to the overall economy has also been shrinking since 2015.

The prospects for business investment this year aren't promising. A Statistics Canada survey of businesses released last month projected that business capital spending will drop 1.1 per cent in 2018, led by a fourth consecutive yearly drop in oil and gas investment. The Bank of Canada's latest quarterly business outlook survey showed a more optimistic view, with a growing number of companies saying they intend to boost investment in machinery

and equipment this year. But at the same time, companies say they are increasingly worried about NAFTA uncertainty, tax policy and regulatory hurdles.

Canada needs to do better. And launching Invest in Canada is a worthy first step. Creating "a world class" trade promotion agency was among the first recommendations of Finance Minister Bill Morneau's Advisory Council on Economic Growth, headed by McKinsey & Co. global managing partner Dominic Barton.

But Mr. Barton's council cautioned in a recent progress report that the new agency must have a clear idea of the sort of investors it wants to attract, that it work co-operatively with other departments and levels of government and that it provide highly personalized service to would-be investors. "The organization cannot be active in all sectors and should develop a clear strategy to promote those with the greatest potential," according to the council.

That may be easier said than done. Ottawa is often reluctant to pick winners and losers, preferring instead to spread the wealth between regions and industries for political gain.

The choice of Mr. McKay — a former party executive and policy adviser to several Liberal ministers — to run the agency also suggests Invest in Canada will have both an economic role, and a political one.

At the launch event, Mr. Champagne talked less about what the agency will actually do than about where its offices will be located.

"We are going after investment and that means we need to be represented from coast to coast to coast," the minister said. "To that end, I will work with senior leadership to determine locations for these regional offices."

It's not an auspicious start, given the daunting investment challenges facing the country.

The new agency's greatest challenge isn't a lack of resources. It's U.S. President Donald Trump and the uncertainty gripping investment in Canada.

Apple

■ FROM B1

The U.S. publishers behind Texture launched the service in 2010 and when Rogers bought in and introduced it to Canadian customers in 2013, it came with a big marketing push. It is understood that Rogers committed to certain levels of promotional spending and met those targets in part through ads on its own media properties, which include the Sportsnet specialty channel and City-TV network as well as more than 50 radio stations across the country.

The new Canadian service quickly picked up customers in the early days but subscriber growth eventually stalled at about 100,000 users. Rogers does not disclose financial details on Texture but by the middle of 2016, Steve Maich, the senior vice-president in charge of publishing, said he expected the service would turn a small profit for the first time that year.

The U.S. side of the business failed to see enough subscriber growth to make the company a financial success, despite heavy spending on marketing and development. The magazines in the app displayed nicely on iPads and other tablets, but was less appealing to smartphone users, which resulted in a readership base that was older than expected. The investment firm KKR took a US\$50-million stake in the business in 2014. In September, 2016, the company said it would slash the print publishing schedules of Maclean's, Chatelaine and Today's Parent and that it would stop producing print versions altogether for Canadian Business, Flare, MoneySense and Sportsnet magazines.

APPLE (AAPL)
CLOSE: US\$181.72, UP US\$1.74
ROGERS (RCL.B)
CLOSE: \$58.38, DOWN 15¢

U.S. says Broadcom review confirms 'national security concerns'

The U.S. Treasury Department has told Singapore-based **Broadcom Ltd.** that it has confirmed national security concerns about the chip maker's unsolicited bid to buy rival **Qualcomm Inc.** and accused it of violating an order to give sufficient notice of plans to move to the United States.

The Treasury Department's complaints, outlined in a letter to Broadcom on Sunday, potentially make a deal between Broadcom and Qualcomm less likely, but the final decision could be made by U.S. President Donald Trump. Qualcomm has so far rebuffed Broadcom's US\$117-billion offer.

The Committee on Foreign Investment in the United States (CFIUS), a multiagency panel led by the Treasury Department that reviews national security implications when foreign entities take over U.S. corporations, has already launched an investigation, even though Broadcom and Qualcomm have not yet signed any deal.

"[The] investigation has so far confirmed the national security concerns," the Treasury's letter to Broadcom said. "In the absence of information that changes CFIUS's assessment of the national security risks posed by this transaction,

CFIUS would consider taking further action, including but not limited to referring the transaction to the president for decision."

In November, Mr. Trump announced and applauded Broadcom's decision to move its headquarters to the United States, calling the company "one of the really great, great companies." He has not spoken about the matter recently.

In the Treasury's letter to Broadcom, top CFIUS official Aimen Mir also said Broadcom "took a series of actions in violation" of a March 4 order from the

Treasury that required CFIUS to be notified five business days before taking any action toward moving back to the United States, where Broadcom was founded.

Broadcom, incorporated in Singapore and co-headquartered there and in San Jose, Calif., denied that.

"Given Broadcom's public disclosures about the redomiciliation process since last November, as well as its direct communications to CFIUS, Broadcom has been fully transparent with CFIUS about the redomiciliation process, and believes it is in full compliance with the March 4 in-

terim order," the company said in a statement.

The Treasury's letter was addressed to lawyers for Broadcom and Qualcomm, and was made public by Qualcomm. Qualcomm declined comment. The U.S. Treasury did not respond to a request for comment.

Shares of Broadcom rose more than 3 per cent while Qualcomm's stock edged lower.

REUTERS
QUALCOMM (QCOM)
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This time, False Creek Flats truly transforming

Renewal in the grungy Vancouver neighbourhood is gaining momentum with a new city plan and developers lining up with proposals

FRANCES BULA VANCOUVER

Vancouver's False Creek Flats has been poised for years to become the city's hot new tech zone or its third downtown or ... well, something. But, until recently, changes have been ad hoc and scattered randomly throughout this 450-acre tract of land just east of Vancouver's main downtown that is home to rail lines, warehouses with rusting metal roofs, industrial operations of various descriptions, car-repair shops, a big-box hardware chain, and a lot of campers parked on the streets where the city's not-quite-homeless have been taking up residence.

It was in the late 1990s when the city council of the day rezoned part of the Flats for high tech in the hopes that it would become home to the then-exciting dot-com industry. That idea collapsed when the dot-com bubble burst.

In the mid-2000s, it was called Vancouver's "third downtown," as planners encouraged new enterprises to move beyond the central business district and central Broadway - still the region's two biggest office and employment centres. But there was little take-up.

Four years ago, there was a lot of enthusiasm that the area was about to blossom. Emily Carr University of Art and Design was preparing to move in. Startlingly luxurious auto dealerships opened on Terminal Avenue, the main road going through the still grungy neighbourhood. A huge new brewery, Red Truck, was built in one corner. And some very high-end art galleries began moving to the area from posher neighbourhoods.

But the Flats still didn't quite ignite. Instead, tech businesses were still trying to crowd into the Mount Pleasant industrial area nearby, seeing "Mount Pixel" as hipper and already filled with the amenities that young tech workers might like, from brew pubs to clothing outlets specializing in black and grey hoodies.

But now, many patient observers think the area is truly about to take off.

"I think this area in 10 years is going to be unrecognizable," says Jon Stovell, whose property company, Reliance Holdings, has a 150,000-square-foot office build-



PCI Developments and Low Tide Properties have united to build the first of many new office buildings in the False Creek neighbourhood in Vancouver. Opening this spring, their seven-storey building, designed by Perkins + Will and shown in this rendering, will offer 160,000-square-foot of Class A office space aimed at the digital media and creative sectors. It is already 72-per-cent preleased. PERKINS + WILL

ing in the Flats going to a public hearing for rezoning early next month. "There's a kind of zeitgeist to the neighbourhood now that wasn't there before."

The city completed a comprehensive plan for the area a little less than a year ago.

It disappointed many in the development community and some planners, however, because - in spite of initial favourable signals - the plan drafters eventually rejected pleas to include significant amounts of rental housing in the area.



I think this area in 10 years is going to be unrecognizable. There's a kind of zeitgeist to the neighbourhood now that wasn't there before.

JON STOVELL
RELIANCE HOLDINGS

Mr. Stovell and others were taken aback that the city would not include housing in an area so close to downtown and with so many potential jobs on the horizon.

"We thought we could put four to five thousand units right around transit and still build all of the office space they wanted," says Mr. Stovell.

Gordon Harris, an urban planner and chief executive officer of Simon Fraser University's community trust, which is responsible for developing residential neighbourhoods around the university, says the planners' decision to keep housing minimal

was a loss for the city.

"It was the last best chance to create affordable workers' housing in Vancouver," he says. "I think the Flats is the perfect place to mix residential, employment, public lands and transit."

Planners project that employment in the area will rise to 30,000 workers from 8,000 now within 30 years, including the huge number of health employees who will arrive if and when St. Paul's Hospital opens in 2022, as planned.

Despite the lack of residential allowed, except for a small amount of student and live-work housing, the city's plan did make it clear exactly what would be allowed in the four districts it defined, which made development planning smoother.

The four areas it came up with were: the "health hub," in the area where the new St. Paul's Hospital is supposed to be built; the "back of house" area in the east; the "Terminal spine" in the centre, and the "creative campus" on the southern third of the area, a sector that includes the now-completed Emily Carr, whose doors opened last fall.

That plan, along with growing pressure on every other part of the downtown from the city's booming tech sector, seems to have unlocked activity.

In January, Low Tide Properties - the rapidly growing real-estate company of Lululemon founder Chip Wilson - and PCI Developments announced a joint project for a seven-storey office building with 160,000 square feet, just the first of what is expected to ultimately become 1.9 million square feet of office

space built by the two companies.

The building is already about three-quarters leased, with a mix of tenants that includes both Finning International, a traditional industry that used to have a significant operation on the Flats, and Blackbird Interactive Game Studio. It's an illustration of both ends of the Vancouver economy.

"The Finning story is interesting because they're a traditional office user, usually in a downtown tower, but they're seeing the need to be more like a modern tech company," says Blair Quinn, an executive vice-president at commercial-property brokerage CBRE. "The young work force doesn't want to be in a tower."

Mr. Quinn says the 72-per-cent preleasing of the office proposal "shows the pent-up demand."

The two development companies have already earmarked a second site, with 320,000 square feet, as the next project on the to-do list, with a completion date of 2020.

Other landowners are waiting in the wings, including the now non-Chip Wilson-led Lululemon and Mission Hill winery titan Anthony von Mandl.

Onni Group, one of the city's major developers, has proposed a massive complex that would include a 200-room hotel, another 220 units of live-work housing, and 120,000 square feet of office and retail.

"This is the start," says Mr. Quinn. "Everybody's marshalling to get through City Hall."

Special to The Globe and Mail

THE FALSE CREEK FILE

History: The False Creek Flats is a former tidal flat that reached to present day Clark Drive at high tide and was infilled between 1917 and 1925.

Location: The Flats is 500 metres from downtown Vancouver and 800 metres from the Port of Vancouver by rail.

Ownership: More than 50 per cent of the Flats land is owned by the City of Vancouver and rail companies. Key municipal assets include works yards, and police and fire training facilities.

Rail: Befitting its industrial past, there are 48 kilometres of railway track in the Flats.

Employment: About 8,000 people work in the Flats.

Business composition: There are 600 businesses in diverse industries. About 20 per cent of businesses identify themselves as part of an arts and culture cluster. There are seven educational institutions, including the Emily Carr arts school, and more than 30 technology and research-and-development operations. There's also a produce wholesaler and distribution cluster and 11 recycling and waste management companies.

CITY OF VANCOUVER, 2017

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4.9%

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8.3%

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Cara says Ontario wage hike has been manageable

Restaurant operator's CEO says most banners had 'stronger sales' in the province than other parts of Canada

DAVID PADDON TORONTO

Restaurant operator **Cara Operations Ltd.** has managed the impact of Ontario's minimum-wage hike through selective price increases and menu changes at its various banners, chief executive officer Bill Gregson told analysts on Monday.

In fact, Mr. Gregson said, that "most of our banners ... have had stronger sales in Ontario than in other parts of Canada."

Its banners include the Harvey's burger chain, Swiss Chalet and St. Hubert chicken restaurants, and a variety of mid- to higher-end dining establishments such as Kelsey's, East Side Mario's and Milestones.

The Ontario government's decision to increase its minimum wage on Jan. 1 to \$14 an hour has sparked a debate about whether the hike would be a net benefit for the country's largest provincial economy, given its impact on companies' bottom lines.

Supporters of the wage hike

have argued it could stimulate consumer spending while detractors have warned that it could spur inflation if businesses pass along the costs to consumers and job losses if businesses cut back on labour. Mr. Gregson said that it's too early to say how Cara will be affected in the longer term, but in the first weeks of 2018, there's been no evidence that consumers are pushing back against its selective price increases.

"It's not necessarily across the board on every item," he said. "We've tried to minimize the price increases."

In some cases, Mr. Gregson said, Cara has removed some items from menus if they are

labour-intensive or have costly components. Cara has benefited from virtually no inflation in its cost of food, he added.

"In Ontario, for our corporate stores, that whole juggling of all those different factors seems to have worked. But it's only two months in." The company, headquartered in Vaughan, Ont., owns one of Canada's biggest restaurant groups with 1,272 locations under 18 brands.

In January, it announced a \$200-million deal to buy Keg Restaurant Ltd., which operates a chain of 160 steakhouses.

Mr. Gregson's comments follow Cara's release of fourth-quarter results on Friday that showed

it had \$27.3-million of net income for the 14 weeks ended Dec. 31.

That was up from \$19.7-million a year earlier, when there was a more-normal 13 weeks in the 2016 fourth quarter.

Cara's gross revenue was \$225.4-million, up from \$175.6-million, while system sales for its various restaurants were \$774.9-million, up from \$641.1-million.

Same restaurant sales, which indicates performance for most locations open at least a year, were up 2.5 per cent.

THE CANADIAN PRESS

CARA OPERATIONS (CARA)
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MEETING NOTICES

THE BANK OF NOVA SCOTIA
Notice of 186th Annual Meeting of Shareholders

The Annual Meeting of Shareholders of The Bank of Nova Scotia will be held on Tuesday, April 10, 2018 at 9:00 a.m. (local time) at the Scotiabank Centre, Scotia Plaza, 40 King Street West, 2nd floor, Toronto, Ontario.

By order of the Board of Directors

Julie A. Walsh
Senior Vice President, Corporate Secretary and Chief Corporate Governance Officer
February 13, 2018



*Registered Trademark of The Bank of Nova Scotia.

AltusGroup RECENT ASSET TRANSACTIONS

GTA: OFFICE	GVA: APARTMENT	GCA: OFFICE	GEA: APARTMENT
180 Dundas St. W., Toronto \$167,000,000 \$401 psf	2121 Franklin St. Vancouver \$12,400,000 \$248,000 per unit	395 7th St. S.W., Calgary \$18,600,000 \$222 psf	10513 124th St. N.W. Edmonton \$1,320,000 \$110,000 per unit

GREATER TORONTO AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Industrial	Brampton	11 West Dr.	\$14,500,000	\$78 psf	
Industrial	Markham	3993 Fourteenth Ave.	\$11,382,000	\$182 psf	
Res Land	King	13235 Tenth Concession Rd.	\$35,811,000	98.957 acres	

GREATER VANCOUVER AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Apartment	Vancouver	1225 West 10th Ave.	\$4,996,500	\$555,167 per unit	
Apartment	Vancouver	1925 Maple St.	\$5,200,000	\$520,000 per unit	
Apartment	Vancouver	2150 Pandora St.	\$26,300,000	\$260,396 per unit	

GREATER CALGARY AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Retail	Cochrane	48 River Heights & 6 River Heights	\$11,176,000	\$401 psf	
Retail	Calgary	3301 17th Ave. S.E.	\$12,200,000	\$575 psf	
Industrial	Calgary	3815 Manchester Rd. S.E.	\$1,929,000	\$326 psf	

GREATER EDMONTON AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Apartment	Edmonton	9932 88th Ave. N.W.	\$1,450,000	\$120,833 per unit	
Apartment	Edmonton	10721 108th St. N.W.	\$2,630,000	\$101,154 per unit	
Apartment	Edmonton	9749 88th Ave. N.W.	\$860,000	\$215,000 per unit	

Source: Altus Group - Altus Group has tracked investment transactions across Canada's key markets since 1995. For more information, please visit altusgroup.com/datasolutions.

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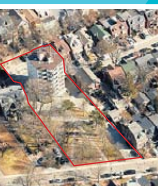
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GLOBE INVESTOR

Don't be so quick to bite into FAANG stocks

Apple has potential for conservative investors, but huge valuations are an obstacle for the rest

NORMAN ROTHERY

INSIDE THE MARKET

Drew Barrymore reprises her role as real estate agent turned bloodthirsty zombie in the second season of Netflix Inc.'s *Santa Clarita Diet*. New episodes of the dark comedy promise toothsome fare for fans of the show this month.

While waiting, investors can think about sinking their teeth into Netflix and the other FAANG stocks. The acronym is admittedly a little past its best before date and encompasses Facebook (FB), Apple (AAPL), Amazon (AMZN), Netflix (NFLX) and Google, now Alphabet (GOOGL).

They're all high-tech monsters of the market with transformative businesses run by bright and able people. Unfortunately, most are trading at valuations that are

Monstrous FAANG stock value ratios

RATIO	APPLE	ALPHABET	AMAZON	FACEBOOK	NETFLIX
Enterprise Value (EV)/Revenue	3.9	6.2	4.3	12.0	12.1
EV/EBITDA	12.7	19.2	50.8	21.0	155.1
EV/EBIT	14.7	23.8	186.4	24.2	168.4
Price/Earnings (trailing 12M)	18.2	62.7	252.3	33.8	253.6
Price/Earnings (forward 12M)	14.5	27.4	183.8	25.3	117.0
Price/Book Value	6.4	5.2	27.1	7.1	38.4
Price/Cash Flow	13.9	21.1	40.8	21.9	-77.0
EV/Free Cash Flow	20.4	29.2	76.9	42.0	20.7

Source: S&P Capital IQ

similarly gargantuan. But one clawed its way into the portfolio of a famous value investor.

Warren Buffett has taken a shining to Apple. Berkshire Hathaway (BRK.A) owns 3.3 per cent of the computer company's shares. The stake is currently worth US\$29-billion, according to data from S&P Capital IQ. (Disclosure: I hold Berkshire Hathaway in my portfolio.)

It's important to keep in mind that Berkshire Hathaway is itself a huge company. As a result, when Mr. Buffett wants to invest a meaningful amount of his firm's capital, he must pick from a short list of giant stocks.

Problem is, large stocks tend

to perform poorly over the long run. For instance, money manager Rob Arnott looked at the performance of an investor who bought and held the largest stock (by market capitalization) in the United States for a decade, based on data from 1952 to 2011. They would have underperformed an equally-weighted index of U.S. stocks by an average of 5.4 percentage points a year.

That doesn't bode well for Apple, which is currently the largest stock in the land. It's also worrying for Alphabet, Amazon and Facebook, which come in second, third and fifth place, respectively. Netflix is a relative pipsqueak. It's the 37th-largest

company in the S&P 500.

While size is a worry, valuation is also a concern. The accompanying table shows that almost all of the FAANG stocks trade at extremely high ratios.

(A brief explanation of the acronyms used in the table is in order. EV stands for enterprise value. EBIT is earnings before interest and taxes. EBITDA is EBIT before depreciation and amortization.)

The numbers might inspire particularly brave investors to short sell rather than buy most FAANG stocks because high-ratio stocks tend to perform poorly. Money managers Wesley Gray and Tobias Carlisle report in their book *Quantitative Value* that glamour stocks with the highest (decile) price-to-earnings ratios underperformed the market by an average of 1.75 percentage points annually from 1964 to 2011.

Apple is the only company on the list with a below-market price-to-earnings ratio. It trades at 18 times trailing earnings, which is well below the 26 mark of the S&P 500. Apple's forward earnings, based on industry analyst estimates for the next 12

months, is a reasonable 14. Apple is the best relative bargain over all. Mr. Buffett might be on to something. While it's harder to make the value case for the other firms, Alphabet and Facebook are not entirely beyond the pale. At slightly more than 21 times cash flow and forward earnings multiples in the mid-20s, a growth-related argument could be made.

Mind you, they don't tickle my fancy as a stingy investor who doesn't like to pay for growth. At more than 250 times earnings, it's hard to make the case for Amazon or Netflix.

I can't help but wonder if the FAANG stocks represent this era's equivalent of the Radio Corp. of America, which once ruled the roost only to fade over time. It seems likely that today's giants will eventually be ground down into pulp by competition and obsolescence.

While conservative investors might enjoy nibbling on Apple, they should probably avoid the other FAANG stocks. There's a chance they'll bite back like a horde of ravenous zombies.

Special to The Globe and Mail

Canaccord analyst sees more positive events ahead of pot legalization

JENNIFER DOWTY

OPINION

INSIDE THE MARKET

Legalization of recreational cannabis is potentially just three months away. As such, this is a market with robust long-term growth potential.

Matt Bottomley, the alternative-pharmaceuticals research analyst at Canaccord Genuity, recently spoke with The Globe and Mail and shared his thoughts on the cannabis market and provided three stock recommendations in this sector.

What are your overall thoughts on the sector?

I think over the next four to six months, there's a lot of positive catalysts still to come. All the provincial governments are going to be rolling out their own retail distribution frameworks, so once it's legalized by the federal government, the provinces are going to be responsible for that rollout. We have already seen a significant announcement from Quebec, so we think that the Ontario announcement could be in the next six weeks or two months – we think that's a huge catalyst.

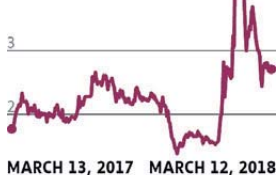
Let's begin with your official top pick, iAnthus Capital Holdings Inc. You have a target price of \$5.25.

The reason why I like iAnthus is that it's capturing what I believe is a valuation arbitrage between what we are seeing in the Canadian market and the lack of liquidity that exists in the U.S. mar-

IANTHUS CAPITAL HOLDINGS INC

PAST YEAR

US\$4



SOURCE: BARCHART

MEDRELEAF CORP

PAST YEAR

25

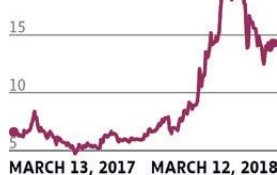


SOURCE: BARCHART

APHRIA INC

PAST YEAR

20



SOURCE: BARCHART

I think they have a very strong management team. Vic Neufeld was the former CEO of Jamieson [Laboratories], so he has experience getting products on shelves and growing a business. Aphria does have a supply agreement with Shoppers Drug Mart. They are a company that I think has done an excellent job in this industry of telegraphing exactly what they are going to do and they are very conservative with how long things are going to take and when they're going to reach certain achievements and so far I think they have executed flawlessly. On top of all that, they are very similar to MedReleaf, where they have one of the largest built capacities in the industry today. They have one of the largest publicly disclosed expansion plan in the industry today at 240,000 kilograms. They have 100,000 kilograms at their main facility, they have another 130,000 kilograms at a recently acquired facility called Double Diamond, and they have another acquisition they did of a company called Broken Coast, which is out of B.C., that has the potential to do 10,000 kilograms at its current facility and their timing for that is the early part of 2019, they expect all of it to be built but it will then take further time to get up to full production run. They are – if not the lowest-cost producer in the industry – they are one of the lowest-cost producers. Finally, they acquired Nuvera about a month ago, which gives them the leading international strategy in the Canadian market today as Nuvera has relationships in 11 international countries.

This is an edited and condensed version. An expanded version can be found at globeinvestor.com.

ket. Canada has a very robust regulatory framework. In the United States, cannabis is still a Schedule 1 drug, a narcotic, and because of that every state has had to either elect through its state legislature or through ballot initiatives legalized medical-cannabis programs. There's about eight or nine states that have legalized recreational cannabis and on top of that we have what will soon be over 30 states that have legalized medical cannabis. While the Canadian market is attractive with a population of 35 million, the United States is 10 times bigger and probably 50 per cent to 60 per cent of it, although illegal at the federal level, has legalized it on a state-by-state level.

iAnthus is investing in what I would call blue-chip states, a lot of those are on the U.S. East Coast and those are states that are a bit newer to the game that have regulations that have been put in over the last number of years. For example, iAnthus's key assets are in Massachusetts, Florida and New York. Recreational sales for Massachusetts are rolling out this year. The Florida medical market is very attractive in terms of its demographics, and New York

State, although it will only be for medical, could be one of the biggest cannabis markets in the United States, outside of California, if recreational sales are eventually legalized down the road. When you add it all up, iAnthus has exposure to almost 50 million residents and it's one of 10 or one of 15 players in the States, compared with Canada, which has 35 million residents, but we have 90 competitors in the space.

Let's move to your other stock recommendations – two Canadian licensed producers. To begin, you are forecasting an attractive double-digit return for MedReleaf with your price target at \$31. Why the bullish expectations?

MedReleaf is a company that today has maybe the No. 2 or No. 3 spot in terms of market share. It has a fully ramped facility [operating] at capacity where they have been able to show a low cost of production in an indoor facility in Ontario. It has one of the largest revenue run rates today in the industry. It also has an international angle to it. Currently, it has boots on the ground in seven

countries internationally. They are one of four companies where Shoppers Drug Mart has announced that if they get a licence, they are going to be a supplier to Shoppers Drug Mart. They are the first company to officially announce their recreational brand ... They are putting their logo on a can of beer. That brand is called San Rafael '71 and it's already available.

What does the company's production profile look like?

Right now, they are producing on a trailing basis about \$10-million [of revenue] a quarter and that's predominately out of their Markham facility, which has 7,000 kilograms of capacity [annually]. If you add up the existing facility and their expansion plans, they are supposed to have the infrastructure built by the end of 2018 to support 140,000 kilograms of production, which is one of the largest expansion plans announced in the industry.

Let's delve into Aphria Inc. You have a target price of \$26.50. What's your investment thesis for this stock?

On Monday, stocks ended up split on Wall Street as gains for technology companies were offset by losses elsewhere. Chip makers rose sharply. Micron jumped 8.8 per cent and Nvidia climbed 1.8 per cent. But several big industrial stocks continued to fall. Boeing gave up 2.9 per cent and heavy-equipment maker Caterpillar lost 2.4 per cent.

The S&P 500 fell 3 points, or 0.1 per cent, to 2,783. The Dow Jones industrial average gave back 157 points, or 0.6 per cent, to 25,178. The Nasdaq composite gained 27 points, or 0.4 per cent, to 7,588, another record high.

Canada's main stock index ended slightly higher on Monday as gold producers overcame earlier declines and helped offset energy shares dragged lower by the price of oil.

The S&P 500 Index rallied 3.5 per cent last week, with the biggest gains coming after a labour-market report underscored economic strength that gave fresh

Share prices reflect little concern of broad trade war

LEWIS KRAUSKOPF NEW YORK

Donald Trump's move to impose tariffs on steel and aluminum imports has rippled through financial markets, but stocks appear to be shrugging off the potential for a broader global trade war.

As the U.S. President's tariff plans to levy steel imports at 25 per cent and aluminum at 10 per cent have come to light in recent weeks, shares of companies that will face higher costs because of those tariffs have underperformed.

But other sections of the economy that could be vulnerable to retaliation from U.S. trading partners have held up, according to Goldman Sachs, even as the bank's economists believe such retaliation is likely.

Shares of agriculture firms, luxury consumer companies and tech companies with high imported cost of goods sold "have generally demonstrated no signs of concern," Goldman strategists wrote in a research note.

“

Although equity prices have moved in reaction to the proposed metals tariffs, investors do not appear concerned about escalating trade conflict.

RESEARCH NOTE FROM GOLDMAN SACHS STRATEGISTS

“Although equity prices have moved in reaction to the proposed metals tariffs, investors do not appear concerned about escalating trade conflict,” Goldman said.

The broad S&P 500 has recovered since Mr. Trump initially announced his tariff plans, which caused a one-day shock to stocks.

Since Feb. 28, the day before Mr. Trump's announcement, the S&P 500, which is the benchmark for large-cap stocks that includes many multinational companies, is now up 2.7 per cent. Over that time, the small-cap Russell 2000 has outperformed, rising 5.7 per cent.

Investors have said that small-cap stocks have become more appealing because of their focus on the domestic market, shielding them from risks from a trade war.

But Goldman said “positioning and earlier underperformance appear more likely causes than trade concerns” for the Russell's recent strength.

TECH STOCKS RISE, OTHERS FALL

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The S&P 500 Index rallied 3.5 per cent last week, with the biggest gains coming after a labour-market report underscored economic strength that gave fresh

impetus to the nine-year-old bull market in global equities. But Mr. Trump put markets on edge after he raised the prospect of a full-fledged trade war.

With data expected from China this week as well as readings on U.S. inflation and retail sales, investors will be looking for more reasons to keep the party going.

“With earnings season wrapped up, tax reform launched, and steel and aluminum tariffs to take effect soon, investors will have plenty to ponder,” John Stoltzfus, the chief investment strategist of Oppenheimer & Co., wrote in a note to clients on Monday.

“We believe patience, fortitude and an eye for opportunities that could present themselves as interest rates work through the process of normalization, trade negotiations garner attention and equity markets respond to it all, could prove rewarding.”

REUTERS, WITH FILES FROM THE ASSOCIATED PRESS AND BLOOMBERG NEWS

Getting a read on index changes

From back-tests being rendered useless to realigning assumptions about an industry, here's some of what to expect starting this September

RYAN MODESTO

The largest index providers have recently announced changes that could have big implications for investor portfolios, and even on the markets, at least in the short-term. Now that technology is really a part of every company and the lines between "tech" companies and "other" becomes increasingly blurred, the S&P and MSCI indexes are altering the classifications of companies within the industries.

More specifically, as of Sept. 28, 2018, the Global Industry Classification Standard (GICS - the group that determines which stocks go into which industries) will be making some pretty substantial changes:

- Telecommunications sector: This will be renamed "communication services" and include media assets that were typically grouped under "consumer discretionary."

- Information-technology sector: Many stocks that are currently classified as "tech" companies will see a shift to either communication or consumer-related industry classifications. To help illustrate a bit more accurately what impact this will have, we have highlighted a few notable companies that will see changes in the accompanying table.

There are a lot more changes happening here, but we thought this is a good representation of the names that most will recog-

Key stocks that will be reclassified

COMPANY NAME	CURRENT GICS SECTOR	NEW GICS SECTOR
Comcast Corp.	Consumer Discretionary	Communication Services
Time Warner Inc.	Consumer Discretionary	Communication Services
Twenty-First Century Fox Inc.	Consumer Discretionary	Communication Services
Viacom Inc.	Consumer Discretionary	Communication Services
Walt Disney Co.	Consumer Discretionary	Communication Services
Netflix Inc.	Consumer Discretionary	Communication Services
TripAdvisor Inc.	Consumer Discretionary	Communication Services
Alibaba Group Holding Ltd. ADR	Information Technology	Consumer Discretionary
Baozun Inc. ADR	Information Technology	Consumer Discretionary
eBay Inc.	Information Technology	Consumer Discretionary
Alphabet Inc.	Information Technology	Communication Services
Baidu.com ADR	Information Technology	Communication Services
Facebook Inc.	Information Technology	Communication Services
Twitter Inc.	Information Technology	Communication Services
Yelp Inc.	Information Technology	Communication Services
Snap Inc.	Information Technology	Communication Services

Source: MSCI

ize. It is important to note these are not small adjustments around the margins or small companies. These changes move some of the world's largest and best-performing companies into totally new classifications. Here are some implications that investors, big and small, will need to consider:

YOUR BACK-TESTS ARE RENDERED USELESS

To keep the example simple here, let's say you have launched a tech-focused mutual fund and to help market it you looked at past performance of the tech industry showing it has outperformed all other industries. Because of this, part of your mandate is that the fund can only hold stocks in the technology sector. As of the end of September, that back-test will no longer be reliable since it would include companies such as Facebook and Alphabet, which will no longer be part of the tech industry but instead considered communications services. What's

more, the companies that would typically be "growthy tech" names could possibly be plunked into communication services, affecting the actual potential growth rates of the industry as a whole. This changes any and all assumptions that the technology sector will be the high growth sector in the future. Some interesting questions arise here: Will future back-tests have an asterisk saying it includes names such as Facebook and Alphabet in the IT sector? Will old back-tests have a caveat that some of the largest contributors to performance of the tech sector in the past no longer remain in the sector? Will a technology fund/ETF be able to make exceptions and continue to be able to hold some "traditional" technology names?

THE REASON YOU PURCHASED A FUND OR ETF MAY NO LONGER BE RELEVANT

Many investors will/have purchased a tech ETF to get quick and easy exposure to the "FANG"

stocks such as Facebook, Amazon, Netflix and Google/Alphabet. After these changes, this strategy will likely not be quite as effective as it has been. An investor may be required to dig into the underlying holding of their funds to ensure they still hold the stock(s) that they want to hold or that they thought they were holding.

WHAT YOU HAVE ASSUMED ABOUT AN INDUSTRY MAY NOW CHANGE

Some general rules investors use are ideas such as if you want more growth in a portfolio, you own tech names. If you want stability and dividends, you own telecommunications names. Now with some of the largest companies and higher-growth companies getting moved from IT to communication services, you have a big shift in these assumptions. You have a growth tilt going into a sector that is usually used for a more defensive allocation (telecommunications). While a few companies do not make an industry, in the case of the FANG names, they certainly have been big contributors to performance. Furthermore, there is no guarantee that the next set of "FANG" stocks, whatever they may be, will be part of what is typically the higher-growth IT sector. Over all, the reasons an individual has an allocation to a certain sector or owns a sector fund may now be different.

YOUR INDUSTRY ALLOCATIONS WILL LIKELY NEED TO CHANGE

Given all of the changes to the industry classifications, investors will need to revisit their portfolio allocations. This offers a good opportunity to sit down with an ad-

viser to review your portfolio, or in the case of a DIY investor, to take some time to review your portfolio allocations. As an example, if you initially were comfortable with a 5-per-cent telecommunication allocation, you may want/need to up that to 10 per cent once several companies are reclassified as communication services. Someone who wanted more growth through the tech sector may find it appropriate to balance things out a bit more into other sectors.

Over all, these changes look to be for the better. It recognizes that the world is changing and that technology is becoming integrated in all companies. It does, however, make things a little confusing for investors in the shorter term. We often see investors get hung up on what to classify a company as, since many names do not fit cleanly into one sector. Our two cents on this is not to get too caught up into naming conventions at the end of the day. Keep total industry allocations in check, but if you have found a great company with solid fundamentals that looks a bit like it is in industry X and a bit like industry Y, we would rarely if ever avoid owning that name just because it is classified one way or another. So be aware of these coming changes and how they may affect your portfolio and retirement goals, but do your best to not get so bogged down that you can no longer see the forest for the trees.

Ryan Modesto, CFA, is CEO at 5i Research, a conflict-free investment research provider for retail investors offering research reports, model portfolios and investor Q&A, which is available to try for free. 5i Research provides content under an agreement with The Globe and Mail, which receives royalty compensation.

On the hunt for growing Canadian dividend stocks

NOOR HUSSAIN

Select dividend paying growth stocks

NUMBER CRUNCHER

WHAT ARE WE LOOKING FOR?

Sustainable Canadian dividend stocks with solid price growth.

THE SCREEN

In this week's article, we will focus on large Canadian stocks within the S&P/TSX and look for dividend paying growth stocks. The metrics chosen are the following:

- Return on capital of 10 per cent and above;
- Earnings per share (EPS) growth for three-month and 12-month periods above zero (positive);
- Economic performance index (EPI) of 1 and above - measuring the company's wealth-creating ability;
- Market cap of \$1-billion and above to filter for larger companies with higher liquidity;
- 12-month price momentum above zero (positive);
- Dividend yield of 3 per cent or higher;
- A positive dividend growth

COMPANY	TICKER	MARKET CAP (\$MIL)	DIV YIELD (%)	R/C (%)	EPS CHG 3M	EPS CHG 12M	EPI	12M PRICE VAR.	1Y DIV. GROWTH RATE	2Y DIV. GROWTH RATE	3Y DIV. GROWTH RATE	4Y DIV. GROWTH RATE	R/C (5Y AVG.)
Summit Industrial Income REIT	SMU.UN-T	1,235	6.97	10.5	0.3	0.6	1.8	23.4%	1.6%	0.8%	0.9%	5.8%	0.10
Russel Metals Inc.	RUS-T	2,272	5.21	11.1	0.1	1.0	0.9	11.1%	0.0%	0.0%	1.4%	2.1%	0.07
Chorus Aviation Inc.	CHR-T	2,748	4.97	14.1	0.1	0.4	2.2	18.2%	0.0%	0.5%	2.2%	3.9%	0.10
CI Financial Corp.	CIX-T	7,798	4.70	27.3	0.0	0.0	3.1	5.4%	2.9%	3.8%	5.6%	7.1%	0.27
Ag Growth International Inc.	AFN-T	1,305	4.51	10.1	0.1	1.9	1.1	4.9%	0.0%	0.0%	0.0%	0.0%	0.07
Evertz Technologies Ltd.	ET-T	1,301	4.15	20.2	0.1	0.1	3.2	0.5%	0.0%	0.0%	2.9%	3.0%	0.17
Bank of Nova Scotia	BNS-T	96,738	3.79	14.3	0.3	0.9	1.2	3.2%	6.2%	6.0%	6.0%	6.2%	0.14
Labrador Iron Ore Royalty Co.	LIF-T	1,514	3.68	14.2	0.0	1.2	0.9	32.3%	0.0%	0.0%	0.0%	0.0%	0.11
National Bank of Canada	NA-T	21,591	3.63	17.0	0.1	1.6	1.5	9.8%	5.5%	5.6%	6.5%	7.4%	0.17
Royal Bank of Canada	RY-T	146,933	3.38	15.8	0.0	0.4	1.6	4.8%	8.5%	6.8%	6.8%	8.2%	0.17
Transcontinental Inc. (Class B)	TCL.B-T	2,498	3.25	12.4	0.2	1.0	1.7	20.3%	8.1%	8.5%	7.7%	8.4%	0.13
Transcontinental Inc. (Class A)	TCL.A-T	2,844	3.22	11.0	0.2	1.0	1.5	19.4%	8.1%	8.5%	7.7%	8.4%	0.11
Group Average	(12/2306)	24,065	4.29	14.8	0.1	0.8	1.7	12.8%	3.4%	3.4%	4.0%	5.0%	0.13

Source: InoInvestor

rate on the one-, two-, three- and four-year horizons;

- Stable or increasing five-year average return on capital (ROC);

Results in the accompanying table are sorted by dividend yield.

MORE ABOUT INOINVESTOR

InoInvestor for Advisers is a fundamental analysis application based on the economic value-added (EVA) approach. It aids advisers in quickly identifying attractive investment opportuni-

ties and easily communicating them to their clients. In addition to providing detailed reports on more than 13,000 companies (Canadian stocks, U.S. stocks and American depositary receipts), InoInvestor allows investors to create personalized filters and build custom portfolios.

WHAT WE FOUND

Our filter generated a list of 12 Canadian companies. It is not surprising that almost 60 per cent of

the results are companies within the financial sector. The other companies come from a mix of the industrial and consumer discretionary sectors.

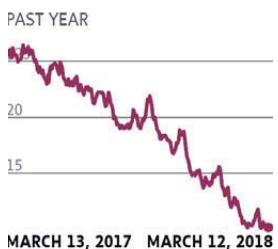
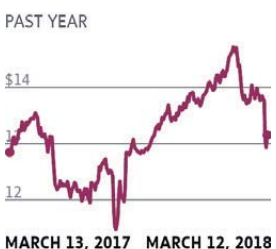
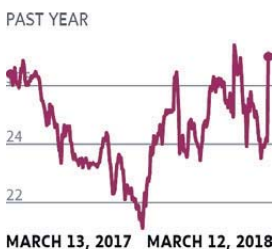
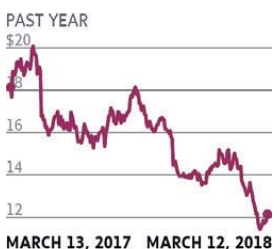
Out of the non-financial related stocks, one of them stands out: **Chorus Aviation Inc.** (CHR-T), a Canadian holding company that offers regional aviation services, offers a dividend yield of almost 5 per cent that has been steadily increasing. In addition, Chorus is undergoing a stable growth in stock price and is creating wealth for shareholders

measured by its EPI of 2.2.

Another industrial sector stock that is currently trading at a slight discount is **Evertz Technologies Ltd.** (ET-T), a manufacturer of digital broadcast and film products. The price has been steady, but with the highest return on capital from a non-financial company of approximately 20 per cent and an EPI of 3.2, it is an interesting opportunity to consider.

Noor Hussain is an account executive for InoInvestor Inc.

EYE ON EQUITIES DAVID LEEDER



The recent sell-off in **Barrick Gold Corp.** provides an attractive entry point for investors, according to RBC Dominion Securities analyst Stephen Walker. "This underperformance likely reflects the expected declining production profile, higher than expected long-term AISC [all-in sustained cost] guidance, and the overhang from the Acacia/Tanzania dispute," he said. **Target:** Moving the stock to "outperform" from "sector perform," he lowered his target to US\$16 from US\$17. The consensus is US\$16.04.

Seeing signs of a turnaround following stronger-than-expected fourth-quarter results, BMO Nesbitt Burns analyst Peter Sklar upgraded **Cara Operations Ltd.** to "outperform" from "market perform." "The company appears to be in the early stages of a turnaround amidst operational improvements and a more favourable macroeconomic backdrop," he said. **Target:** Mr. Sklar raised his target to \$30 from \$27. Consensus is \$29.39.

Cominar Real Estate Investment Trust's recent strategic initiatives and improved corporate governance should be viewed positively by investors, Industrial Alliance Securities analyst Brad Sturges said, upgrading it to "buy" from "hold." "We believe further strategic announcements could act as a positive catalyst for the REIT's units in the next 12 months," Mr. Sturges said. **Target:** His target rose to \$14.50, or 6 cents less than the consensus, from \$14.

Peyto Exploration & Development Corp. is "trapped in a weak market," BMO Nesbitt Burns analyst Randy Ollenberger said, downgrading his rating to "market perform" from "outperform." "Peyto's shares have underperformed over the past year due in part to the weakness in western Canadian natural gas prices, which have decoupled from U.S. natural gas prices," he said. **Target:** His target fell to \$12 from \$15. Consensus is \$15.27.

In reaction to its fourth-quarter fiscal 2017 financial results, Canaccord Genuity analyst Dennis Fong upgraded **Freehold Royalties Ltd.** to "buy" from "hold." "We view the growing organic royalty production, continued sell-down of non-royalty assets and increased activity levels as justifying a trend towards a more comparable royalty company multiple," he said. **Target:** Mr. Fong kept a target of \$16. Consensus is \$17.20.

S&P/TSX COMPOSITE INDEX
PAST 12 MONTHS



TSX INDEXES AND SUB INDEXES

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
TSX COMPOSITE IND	15604.79	26.98	0.17%	152231	0.63
TSX 60 INDEX	923.47	1.83	0.20%	67800	0.74
TSX SMALLCAP INDE	972.60	0.93	0.10%	84430	0.33
TSX VENTURE COMPO	620.64	1.70	0.27%	43812	-4.47
TSX CONSUMER DISC	534.92	-1.20	-0.14%	70624	3.57
TSX CONSUMER STAP	207.42	-0.13	-0.06%	5584	11.38
TSX ENERGY CAPPED	237.35	1.81	0.34%	3234	2.11
TSX FINANCIALS CA	170.06	-0.72	-0.42%	29595	-13.80
TSX HEALTH CARE C	303.03	-0.20	-0.07%	28566	3.33
TSX INDUSTRIALS C	91.03	2.06	2.32%	10675	29.60
TSX INFORMATION T	240.01	0.39	0.16%	1181	13.85
TSX MATERIALS CAP	76.34	0.00	0.00%	8258	29.00
TSX REAL ESTATE C	237.35	1.32	0.56%	39923	-1.24
TSX GLOBAL GOLD I	300.52	1.15	0.05%	4751	3.14
TSX GLOBAL MINING	181.96	1.91	1.06%	52776	-9.80
TSX INCOME TRUST	70.91	0.58	0.82%	103997	10.01
TSX PREFERRED SERA	195.46	-0.43	-0.22%	4839	1.23
TSX TELECOM SHV I	714.72	0.97	0.14%	1171	2.07
TSX UTILITIES CAP	161.13	-0.08	-0.05%	2241	4.16
	231.26	0.02	0.01%	5677	-4.48

TSX 52-WEEK HIGHS
STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
AX-PR-U ARTIS REI	25.28	0.00	0.00%	5	4.20
ATA ATS AUTOMATIO	17.66	0.19	1.09%	99	30.62
BCE-PR-G BCE IST	20.34	0.14	0.69%	N-A	19.02
BBD-PR-D BOMBARDI	12.40	0.03	0.24%	4	34.49
BAM-PR-X BROOKFIE	18.62	-0.07	-0.37%	8	13.47
BPO-PR-A BROOKFIE	24.25	0.07	0.29%	1	8.62
BPO-PR-N BROOKFIE	22.63	-0.02	-0.09%	4	14.76
BPO-PR-R BROOKFIE	22.54	0.07	0.31%	5	10.93
BPO-PR-B BROOKFIE	24.10	0.13	0.54%	1	10.35
BPO-PR-T BROOKFIE	24.02	-0.02	-0.08%	10	9.48
CWF CDN WORLD FUN	9.23	-0.02	-0.22%	48	20.27
CAE CAE INC	23.77	0.00	0.00%	223	18.38
CF CANACCORD GENU	7.07	0.07	1.00%	387	34.67
CWB-PR-B CANADIAN	24.76	0.26	1.06%	2	7.89
CFX CANFOR PULP P	15.69	-0.74	-4.50%	53	36.08
CJT CARGOJET INC	66.06	2.81	4.44%	37	43.61

S&P/TSX COMPOSITE INDEX STOCKS
LARGEST STOCKS BY MARKET CAPITALIZATION

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
AAV ADVANTAGE OIL	3.67	0.01	0.27%	1221	-53.66
AEE AECOM GROUP I	18.78	0.00	0.00%	74	11.06
AEM AGRICOLA EAGLE	50.65	0.61	1.22%	310	-8.69
AC AIR CANADA	27.32	0.16	0.59%	614	105.11
ASR ALACER GOLD C	2.05	-0.05	-2.38%	421	-15.29
AGI ALAMOS GOLD I	6.32	-0.08	-1.25%	593	-32.98
ADN ALARIS ROYALTY	18.30	0.24	1.33%	158	-8.30
AQM ALQUANQUIN POW	13.01	-0.02	-0.15%	1993	4.92
ATD-B ALIMENTATIO	64.00	0.00	0.00%	787	3.48
AP-UN ALLIED PROP	41.32	-0.15	-0.36%	95	15.42
AIF ALTAIG LTD	23.90	0.51	2.18%	672	-22.65
ALA BLACKBERRY	30.96	-0.34	-1.09%	23	5.22
APH APHRIA INC	14.29	0.30	2.14%	4156	116.52
ARX ARC RESOURCES	12.65	-0.13	-1.02%	817	-33.67
AXX AXIUM REAL	13.71	-0.01	-0.07%	149	5.38
ATO-X ATCO LTD CL	42.32	0.30	0.71%	79	-13.91
ACA ATS AUTOMATIO	17.66	0.19	1.09%	99	30.62
BTO B2GOLD CORP	3.71	-0.01	-0.27%	2513	-7.71
BCE BCE INC	57.14	0.24	0.42%	1370	-2.45
BAD BADGER DAYLIG	24.11	0.02	0.08%	132	-21.97
BMO BANK OF MONTR	98.22	0.22	0.22%	1519	-4.69
BNS BANK OF NOVA	80.75	0.00	0.00%	2173	2.25
ABX BARRICK GOLD	15.59	0.45	2.97%	2692	-36.39
BTE BAYTEX ENERGY	3.71	-0.02	-0.54%	2034	-21.89
BB BIRCHCLIFF INC	3.04	0.03	1.00%	848	-55.69
BIR BLACKBERRY LIM	16.46	-0.03	-0.18%	1222	79.11
BEU-B BOARDWALK	45.18	-0.23	-0.51%	63	14.18
BBD-B BOMBARDIER	3.71	-0.04	-1.07%	5246	80.00
BLX BORALEX INC	22.36	-0.26	-1.15%	94	9.13
BYD-UN BOYD GROUP	109.73	-0.13	-0.12%	20	19.96
BAM-A BROOKFIELD	51.27	-0.23	-0.45%	575	2.26
BAM-N BROOKFIELD	46.11	0.15	0.33%	114	36.14
BIP-UN BROOKFIELD	52.01	-0.88	-1.66%	149	7.70
BPY-UN BROOKFIELD	26.43	-0.19	-0.71%	106	9.92
BEP-UN BROOKFIELD	39.25	0.27	0.69%	106	7.12
DDO BRP INC	45.59	-0.50	-1.08%	112	12.90
CAR-UN CDN APARTM	35.51	0.01	0.03%	209	11.91
RNO CDN NATURAL R	38.63	-0.27	-0.69%	1825	-10.95
CFU CDN REAL E	50.10	-0.21	-0.42%	207	4.64
CWB CDN WESTERN B	35.53	-0.18	-0.50%	553	16.19
GIB-A CGI GROUP I	76.10	-0.31	-0.41%	475	19.82
CAE CAE INC	23.77	0.00	0.00%	223	18.38
CMO CAMCO CORP	11.88	0.13	1.11%	501	-20.21
GOOS CANADA GOOSE	42.33	0.76	1.83%	183	96.61
CM CANADIAN IMPER	117.97	0.13	0.11%	1647	-1.16
CNR CANADIAN NATI	96.09	0.56	0.59%	949	-13.66
CP CANADIAN PACIF	231.17	-0.43	-0.19%	158	11.69
CTCA CANADIAN TI	170.92	-0.05	-0.03%	186	15.66
CU CANADIAN UTILI	34.21	0.34	1.00%	129	99.30
CFP CANFOR CORP	30.15	-0.54	-1.76%	334	65.37
WEED CANOPY GROW	32.49	1.54	4.98%	4936	200.00
CPX CAPITAL POWER	24.69	-0.09	-0.36%	144	2.25
CAS CASCADES INC	15.02	0.25	1.69%	168	14.81
CCL-B CCL INDUST	66.87	-0.63	-0.93%	378	13.73
CLS CELESTICA INC	14.15	0.11	0.78%	159	-22.30
CVE CENOVUS ENER	10.48	0.02	0.19%	2216	-35.63
CGO CENTERRA GOLD	6.85	0.33	5.06%	757	9.40
CEU CES ENERGY S	5.84	0.08	1.39%	152	-16.69
CSH-UN CHARTWELL	15.42	0.00	0.00%	159	0.33
CHM-UN CHEMTRADE	16.44	0.09	0.55%	56	-11.66
CHR CHORUS AVIAT	8.36	1.18	2.20%	638	12.21
CIX CI FINANCIAL	28.45	-0.23	-0.80%	690	5.29
CGX CINEPLEX INC	31.03	-0.50	-1.59%	242	-39.23
CCA COGECO COMMUN	71.79	-1.27	-1.74%	30	3.15
CIGI COLLIERIES INT	85.25	0.06	0.07%	26	29.23
CUF-UN COMINAR R	13.15	0.22	1.70%	671	-7.72

ETFs
STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
DLR HORIZONS US D	12.79	0.03	0.24%	108	-4.41
HGD BETAPRO CDN G	11.16	-0.29	-2.53%	134	21.30
HGU BETAPRO CDN G	10.20	0.27	2.72%	464	-35.81
HMMJ HORIZONS MAR	19.38	0.28	1.47%	438	89.07
HND BETAPRO NAT G	13.96	-0.52	-3.59%	622	20.97
HNU BETAPRO NAT G	3.94	0.13	3.41%	1833	-50.44
HOD BETAPRO CRUDE	6.67	0.12	1.83%	1833	-41.70
HOU BETAPRO CRUDE	8.66	-0.16	-1.81%	2188	29.25
HSD BETAPRO SP500	4.07	-0.01	-0.25%	662	-31.83
HVI BETAPRO SP500	2.28	-0.04	-1.72%	177	-81.07
HVU BETAPRO SP500	21.88	1.66	8.21%	491	-75.11
HXU BETAPRO SP TS	34.08	0.19	0.56%	91	3.43

COMMODITIES

	PRICE	NET CHG	LEAD	PRICE	NET CHG	PRICE	NET CHG
GOLD	1320.80	-3.20		2565.00	0.00		383.00
SILVER	16.54	-0.07	ZINC	3388.00	0.00		1033.25
NATURAL GAS	2.78	0.05	ALUMINUM	2255.00	0.00		512.40
CRUDE OIL WTI	61.36	-0.68	HKFE NICKEL MINI	83490.0	-480.00		151.00
CRUDE OIL BRENT	65.49	1.88	WHEAT	489.75	0.75	FEED WHEAT	145.20
HIGH GRADE COPPER	3.12	-0.01	NICKEL	513.30	8.30	BITCOIN CME FUTURES	8910.00

Gold, Silver (USD/oz), Nat gas (USD/mmbtu), Oil (USD/barrel), Copper (USD/lb), Bitcoin (USD)
Lead, Zinc and Aluminum (USD/tonne), HKFE Nickel (in Renminbi-Yuan/Tonne), Lumber (USD/1000 board ft),
Wheat, Corn and Soybeans (in U.S. cents/bushel), Canola and Barley (in Cdn dollars/tonne), Feed Wheat (in Br. pounds/tonne)

S&P 500
PAST 12 MONTHS



TSX GAINERS
TOP 20 FOR STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
NKO-NT NIKO RESOU	2.00	1.00	100.00%	63	-16.67
PATH COUNTERPATH	5.82	1.11	23.57%	13	79.08
CARA CARA OPERATI	26.99	2.90	12.04%	108	3.41
HVU BETAPRO SP500	21.88	1.66	8.21%	491	-75.11
OSK QUESTERRE ENE	1.12	0.08	7.69%	186	80.65
TSI TREE ISLAND S	2.70	0.19	7.57%	14	-39.33
OSK OSISKO MINING	2.70	0.18	7.14%	902	-33.82
MIN EXCELSIOR MIN	1.37	0.09	7.03%	280	67.07
MAG MAG SILVER CO	13.63	0.86	6.73%	330	-26.28
EFN ELEMENT FLEET	5.27	0.33	6.68%	2980	-59.65
KAT KATANGA MININ	1.87	0.11	6.25%	1101	405.41
NEO NEO PERFORMAN	15.40	0.90	6.21%	39	-12.50
S SHERRITT INTL R	1.29	0.07	5.74%	1181	25.24
ESM EURO SUN MINI	1.74	0.09	5.45%	536	148.57
CG CENTERRA GOLD	6.85	0.33	5.06%	757	4.90
WEED CANOPY GROW	32.49	1.54	4.98%	4936	200.00
TPX-A MOLSON COOR	11.00	5.20	4.91%	N-A	-15.83
APS APTOSE BIOSCI	4.40	0.20	4.76%	91	176.73
CJT CARGOJET INC	66.06	2.81	4.44%	37	43.61
TOF-UN TAYLOR NOR	11.90	0.50	4.39%	N-A	-7.61

TSX 52-WEEK LOWS
STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	1-YR %CHG
DRG-UN DREAM GLOB	13.15	0.01	0.08%	710	38.28
ENGH ENGHOUSE SYS	66.61	2.04	3.16%	33	9.56
ETAC EQUIUM GLOBA	20.67	0.13	0.63%	4	3.35
GOY GOEASY LTD	39.65	-0.09	-0.23%	59	37.39
IAG-PR-I INDUSTRI	25.05	0.05	0.20%	36	0.56
IVQ-U INVESQUE IN	9.05	0.02	0.22%	18	2.49
LAS-A LASASSONNE IN	268.88	8.88	3.42%	1	27.25
LGT-B LOGISTEC CO	47.50	0.00	0.00%	2	40.53
PM-UN PIMCO GLOB	10.34	0.04	0.39%	19	12.26
PBL POLLARD BANKN	22.16	0.01	0.05%	11	151.82
SHOP SHOPIFY INC	190.10				



SPORTS

Leafs centre Matthews has taken another step toward returning to Toronto's lineup ■ B13

Para snowboarder Alex Massie has had a 'pretty crazy journey' to Pyeongchang ■ B16



Stoke City defender Badou Ndiaye manages to knock Manchester City midfielder Raheem Sterling off the ball during their English Premier League match at bet365 Stadium in Stoke-on-Trent, England, on Monday. PAUL ELLIS/AFP/GETTY IMAGES

Silva notches dazzling double to keep Man City marching toward title

Team beats Stoke 2-0 to restore its 16-point lead and increase the possibility that it can clinch the title by beating fierce rival Manchester United at home in the derby set for April 7

STOKE, ENGLAND

For Manchester City, a record-setting season in the English Premier League could yet have the perfect ending.

Beating Stoke 2-0 on Monday restored City's 16-point lead and increased the possibility that Pep Guardiola's side could clinch the title by beating fierce rival Manchester United at home in the derby set for April 7.

"Everybody in the blue side of Manchester knows it's a once-in-a-lifetime opportunity," City captain Vincent Kompany said with a smile.

David Silva inspired the latest win for the runaway leaders, scoring in each half by finishing off sumptuous team moves that have been the hallmark of City's season.

Silva side-footed home a cross

from fit-again winger Raheem Sterling to give City a 10th-minute lead against a Stoke team that is next to last in the standings.

City dominated thereafter and Sterling won back possession on halfway to start the move that led to the second goal, a hooked finish by Silva following a pass across the box from Gabriel Jesus.

Silva took his tally of league goals to eight in a season that has been disrupted for the playmaker while he makes regular trips back to his native Spain because his prematurely born son is receiving medical attention.

He was there for much of last week, with Guardiola allowing Silva to miss the second leg of its Champions League last-16 match-up against Basel.

"When I play football, I forget. I forget everything. So it's good for me to play," Silva said. "I know in my private life it's a very hard

“
Everybody in the blue side of Manchester knows it's a once-in-a-lifetime opportunity.

VINCENT KOMPANY
CITY CAPTAIN

moment, but my son is fighting. I am very happy because he's getting stronger and fighting."

Silva was the star player in another stroll for City against a team it beat 7-2 in October.

"He controlled the tempo perfect," Guardiola said. "Normally people say he has skills, technical ability and after that he cannot be an aggressive competitor. But he has both. In the bad moments, he's there, always controlling the game."

Sterling was influential on his return to the team after missing five games because of injury, and he should have capped his display with a goal of his own.

Running clean through in the 80th minute, Sterling delayed his attempt to round Stoke goalkeeper Jack Butland. He finally did so, but Stoke's defence recovered by then and managed to dispossess Sterling.

Stoke didn't threaten City goalkeeper Ederson Moraes once and will resume its bid to escape relegation with a home game against Everton on Saturday.

"It was a free hit," Butland said, "... but they had too much for us today."

City is off for some warm-weather training in Abu Dhabi amid a three-week break that arose from its unexpected loss to Wigan in the FA Cup last month.

On its return, City has to beat Everton at Goodison Park to set the stage for a title-clinching derby victory.

"I understand that it is important to our fans to win it against United," Guardiola said, "but the target is the next game at Everton. After that, if we play like today, sooner or later we will be champions."

THE ASSOCIATED PRESS

Bracket predictions from the NCAA experts

VICTOR MATHER

An NCAA bracket is a frightening thing. All those blank spaces. All those Lipscombs and Wright States and other teams you would struggle to name a single player on.

Fortunately, there is no shortage of experts, self-proclaimed and otherwise, with advice to guide you to all the winners. Here's a roundup of selections from people in a position to know.

Where to turn first? How about that little-known college basketball tip sheet The New York Times? Marc Tracy and Zach Schonbrun have circled a few upsets, notably No. 12 New Mexico State over No. 5 Clemson, No. 13 Marshall over No. 4 Wichita State, No. 11 Loyola-Chicago over No. 6 Miami, No. 10 Providence over No. 7 Texas A&M and No. 11 San Diego State over No. 6 Houston.

"After a 31-year NCAA Tournament drought, Marshall beat the former Cinderella Middle Tennessee State to close the regular season, then held off a late comeback by Western Kentucky in the Conference USA title game. The Herd say they play 'hillbilly ball,' which means they spread the floor, run and take as many 3-pointers as possible. Sound familiar, NBA fans? Did we mention that the coach, Dan D'Antoni, is the brother of the Houston Rockets' coach, Mike? Also, Wichita State's defence is not what it used to be, and that will be a problem."

While the Times doesn't actually predict that No. 16 Penn will upset No. 1 Kansas, it says the game is worth watching.

"The Quakers over the Ivy League, which had a down year but is still a more formidable conference than No. 16s typically come from; are expert at defending the 3-pointer; and are coached by Steve Donahue, who took Cornell to the round of 16 several years ago."

Jay Bilas of ESPN has established himself as one of the most prominent college basketball experts in the country. Oklahoma, who some had seen as a bubble team, was on his mind:

"We probably should've known Oklahoma was going to get in. The committee had them 16th in their reveal, which is crazy town. The committee revealed they thought more highly of Oklahoma than anyone who was watching. They weren't close to the 16th best team when it was all said and done. It's almost unjustifiable."

Bilas picks a 3 seed, Michigan State, to win it all, as did two other ESPN notables, Dick Vitale and Seth Greenberg, perhaps surprising since MSU will probably have to beat Duke and Kansas just to make the Final Four.

Want to know who's going to win the next big election? Fivethirtyeight.com is a good choice. But its number-crunching is also pretty good at picking sports.

The site is cautious in its picks, selecting just three first-round upsets: No. 10 Texas over 7 Nevada, No. 10 Butler over No. 7 Arkansas, and No. 9 Florida State over No. 8 Missouri. It is picking No. 4 Gonzaga to upset No. 1 Xavier in the Final 16.

But Five Thirty Eight is known for producing probabilities, not just straight picks. It is worthwhile when constructing your own bracket to know that while No. 1 seed Villanova has a 50-per-cent chance of making the Final Four, Virginia is at 47 per cent, Kansas at 31 and Xavier at only 18.

Alex Kirshner at SB Nation circles four lower-seeded teams and says one or two will pull off the upset. Those are No. 12 Davidson over Kentucky, No. 12 New Mexico State over Clemson, No. 12 Murray State over West Virginia and No. 11 San Diego State over Houston.

Five Thirty Eight is known for producing probabilities, not just straight picks. It is worthwhile when constructing your own bracket to know that while No. 1 seed Villanova has a 50-per-cent chance of making the Final Four, Virginia is at 47 per cent, Kansas at 31 and Xavier at only 18.

strength has been defensive rebounding. Given that the Heels' best strength is their offensive rebounding, this one's worth monitoring."

At Bleacher Report, Kerry Miller ranks all 68 teams in order, from Villanova to North Carolina Central.

"Villanova has no ceiling. It's just a question of how long the Wildcats can go without having a bad shooting night, and whether that happens to coincide with a subpar defensive effort. When they won the title in 2016, they only had one poor performance from the perimeter, but they defended like mad to beat Kansas in that game. There's no reason they couldn't do it again."

More data crunching. Ken Pomeroy is a well-respected college ranker. Like many others, he has Villanova and Virginia at the top of his list. He also has No. 2 Duke over Kansas and No. 2 North Carolina over Xavier.

For first round upsets, he likes No. 10 Butler (56 per cent chance to win), No. 10 Oklahoma (slightly more than 50 per cent) and No. 9 Florida State (51 per cent).

Another computer ranker, Jeff Sagarin, also has Villanova and Virginia 1-2. Those V teams dominate the selections at the Athletic also, with three of five picking Virginia and two Villanova to win it all. Amazingly, four of the five like No. 12 New Mexico State not only to beat No. 5 Clemson, but also No. 4 Auburn and make the Final 16.

Want a winner a little more "off the wall" than Villanova or Virginia? Nick Birdsong at the Sporting News picks No. 1 Villanova, No. 2 Duke and No. 3 Michigan to make the Final Four, and then has No. 4 Arizona beating all of them, thanks to freshman Deandre Ayton.

A roundup of eight selectors assembled by CBS finds three selecting a No. 2 seed, Duke, to win in all and two going for Villanova, with one each for Virginia, North Carolina and Michigan State.

Josh Nagel, a SportsLine analyst said, "I think Duke has the best starting five in the country, and the most balance since it last won the title in 2015. Duke appears to have a manageable road, since Kansas has overachieved but I don't see the Jayhawks as a real title contender. Of course Duke has to avoid foul trouble, fatigue and serious injuries. But Blue Devils appear to be the toughest out in a single-elimination format, and I'd like their chances against any team from the opposing brackets in the final."

In Las Vegas, the lines are up, and most books are settling on Villanova as the early favourite. But Duke is favoured in the Midwest, not Kansas, and No. 3 Michigan is the top pick in the West, not No. 1 Xavier or No. 2 North Carolina.

The better seeds are the favourites pretty much across the board, as you might expect, with just one clear exception. No. 10 Butler is a one-point pick over No. 7 Arkansas.

NEW YORK TIMES NEWS SERVICE

Turbulent tournament all experience for Connors

Canadian golfer sees his performance at the Valspar Championship as a stepping stone in his rookie season

ADAM STANLEY

After holding the 54-hole lead at the PGA Tour's Valspar Championship Saturday night, Corey Connors let his mind wander.

Connors was in a position to become just the second rookie to win on Tour in the 2017-18 season – and the first Canadian since Adam Hadwin captured the same event last year – and a win for the first-year golfer would go a long way. He'd secure his Tour card for two years, he'd get into the Masters and there would be a US\$1.1-million payday.

Those thoughts faded as Sunday's round wore on. Connors shot his worst round of the week, a six-over-par 77, and finished tied for 16th well back of Paul Casey's winning mark of 10-under.

The 26-year-old from Listowel, Ont., is looking at the tournament as a stepping stone as his rookie season continues.

"I always believed that I could contend and get myself in the mix, but to have done it is awesome. I take a lot of confidence from that," he said on Monday from his home in West Palm Beach, Fla.

Connors almost didn't make it into the field last week, listed as the third alternate because of his status on the PGA Tour's priority list.

After a few golfers withdrew, Connors got a call from the PGA Tour last Monday saying he was in. As he teed off in the first round, he felt he was playing with nothing to lose.

He only got to play one practice round, but Connors – who has a degree in actuary mathematics, essentially the study and analysis of risk – didn't mind.

"I just tried to take some good notes on how to tackle the course and I feel like it was pretty effective," he said.

Connors, who moved up 89 spots to No. 519 in the Official World Golf Ranking thanks to his



Corey Connors shot his worst round of the week, a six-over 77, on Sunday at the Valspar Tournament. SAM GREENWOOD/GETTY IMAGES

TIGER EFFECT LEADS TO HIGHEST PGA TOUR RATINGS IN FIVE YEARS

ORLANDO Tiger Woods was one shot away from a chance to win, and the PGA Tour had its largest television audience in five years.

NBC Sports Group says the final round of the Valspar Championship earned a 5.11 overnight rating, up 190 per cent over the previous year and the highest-rated PGA Tour broadcast since Woods won The Players Championship in 2013. That doesn't include the majors.

Woods, returning from a fourth back surgery, was one shot out of the lead going into the final round. He had a 40-foot birdie attempt on the 18th hole to force a playoff with Paul Casey and came up short.

THE ASSOCIATED PRESS

finish, had a number of supporters last week in Tampa, Fla. Golf Canada chief executive officer Laurence Applebaum said he was impressed to see how Connors handled such a big moment so early in his career.

"There is no doubt he can take so much away from this experience and will be better for it," Applebaum said.

A group from Connors's home golf course in Listowel, about two hours from Toronto, flew down Saturday morning. Fellow Golf

Canada team member (and fellow Kent State University alum) Taylor Pendrith also flew from Toronto to Tampa once it was confirmed Connors would be in the final group of the day.

Another Golf Canada and Kent State teammate, Mackenzie Hughes, had missed the cut Friday, but stuck around on the weekend. He was in the gallery Sunday to cheer on Connors, and, as a PGA Tour winner himself, said Connors has all the tools to eventually win as well.

"It doesn't surprise me to see that Corey is good enough to win on the PGA Tour I knew that as soon as he got out here," said Hughes. "But it probably takes him seeing that and being there to fully believe it. You always believe that you are [good enough], but until you put yourself there, around a lead, that's when you fully grasp that you know you're good enough."

Connors said he received some words of encouragement from his fellow players and a lot of nice messages from his friends before teeing it up Sunday, calling the support "hard to describe.

He admitted there wasn't much for the crowd to cheer for Sunday as he made no birdies and didn't recover from bogeys two of his first three holes, but what he learned this week will be invaluable moving forward.

"I was able to stay in the game pretty well. I was happy about that, but didn't play like I wanted to," he said of his round on Sunday.

THE CANADIAN PRESS

Malkin putting together MVP-calibre season

JOSHUA CLIPPERTON

Mike Babcock agrees, albeit somewhat begrudgingly, that Evgeni Malkin probably hasn't received all the recognition he's deserved throughout a career spent playing alongside fellow Pittsburgh Penguins superstar Sidney Crosby.

The head coach of the Toronto Maple Leafs also has a few reference points – including one that still probably gnaws at him – when discussing the Russian centre's prowess.

"I think he won the Conn Smythe, if I'm not mistaken, in 2009," Babcock said recently, a nod to Malkin's playoff MVP performance for the Penguins that ended with a Stanley Cup final victory over Babcock's Detroit Red Wings. "He's been an all-star a number of times, so does he get as much [credit] as he might if he was by himself? No, but he wouldn't win as much if he was by himself."

"So do you want the credit or do you want the wins?"

Malkin might be in line for

both this season with the surging Penguins hitting their stride after a pedestrian start. The two-time defending champions were 11-10-3 on Nov. 24 and 19-18-3 when the calendar flipped to 2018, but have gone 21-8-1 since while averaging a league-high 3.93 goals a game. And Malkin is a big reason for that surge.

The 31-year-old sat second in NHL scoring heading into Monday with 87 points, one back of Tampa Bay's Nikita Kucherov, while his 39 goals had him one adrift of Washington's Alex Ovechkin and Winnipeg's Patrik Laine in the race for the Rocket Richard Trophy.

Malkin tops the NHL in goals (25) and points (51) since Jan. 1 – Crosby is second with 41 points – and has an eye-popping 18 goals and 20 assists in his past 20 games. He was named the NHL's third star of the week on Monday after putting up three goals and five assists in four games, with his three points over the weekend moving him past Pavel Datsyuk and into fifth on the NHL's all-time scoring list among Russian players with 919.

But while Malkin's numbers are similar to Crosby's on a points-a-game basis over their careers – 1.29 to 1.19 – he's always seemed, at least on the outside, to fit the role of Robin to the Cole Harbour, N.S., native's Batman.

Not so for anyone close to the team, according to Pittsburgh head coach Mike Sullivan.

"In our dressing room, he gets a lot of credit," he said. "We have some difference makers in there, some elite players. Geno and Sid are two of them. Those of us that are inside our locker room are so appreciative of what these guys bring."

"When you look at that team he's one of the first names that you think of," Leafs defenceman Morgan Rielly said. "Players around the league know how good he is. He's a big guy, he's strong, he can fly, he's got unbelievable hands. I think from his peers he gets a lot of respect."

"To the general public he might get overshadowed by Sid, but he's got [three] Cups and a couple of awards to show for it."

THE CANADIAN PRESS

Matthews participates in full practice

TORONTO

Maple Leafs centre Auston Matthews has taken another step toward returning to Toronto's lineup.

The 20-year-old suited up for his first full practice on Monday since suffering a shoulder injury on Feb. 22. He was still wearing a red non-contact jersey, but head coach Mike Babcock was encouraged to see his young star last an entire session.

"He's obviously feeling way better," Babcock told reporters.

Matthews has been skating on

his own, and was a brief participant in a pair of practices last week.

He also missed four games in November with a back injury before sitting out six more in December because of what was believed to be a concussion.

"He'll be in better shape when he comes back than he was when he left just because two of his previous injuries he couldn't skate during that time," Babcock said. "I think that's important for him. It'll still take him a bit for timing."

Babcock said Matthews will likely miss Wednesday's game at

home against Dallas – his seventh in a row – but added he could suit up either on Thursday in Buffalo or when Toronto hosts Montreal on Saturday.

"I would expect that he's going to be pushing not for the Dallas game, but after that some time," the coach said. "I don't know when that is exactly, but I imagine that as he's feeling better he'll be part of the plan."

Despite missing 16 games this season, Matthews still leads the Leafs in goals with 28 and sits second in points with 50.

THE CANADIAN PRESS

How Hunter helped the Phillies land Arrieta

ROB MAADDI CLEARWATER, FLA.

Tommy Hunter's biggest pitch for the Philadelphia Phillies came before he even took the mound for his new team.

Since he signed a two-year deal in December, the reliever has been pushing Jake Arrieta to follow him to Philadelphia. Mission accomplished.

Arrieta and the Phillies agreed Sunday to a US\$75-million, three-year contract, a deal that could be worth up to US\$135-million over five seasons, three people familiar with the decision

told The Associated Press. He spoke on condition of anonymity because the deal was pending a successful physical.

"I've been on the phone with him this whole entire off-season to see if it can work out," Hunter said on Monday. "I was coming hard. It's not up to you as a player or a friend. Ultimately it's up to the people in charge to get this done and they did it."

Hunter and Arrieta have been friends since their college days. They spent four years together in Baltimore and have remained close. Hunter said their wives have been texting each other regularly about places to live.

"He's a competitor and he brings it every day and the way he goes about playing baseball is going to teach a lot of guys there's a lot of different ways to being successful and he's an example of that," Hunter said. "He's going to take pressure off the younger guys. He's a guy you can talk to. He's been through the lowest of lows and he's won a Cy Young and he's a guy who players can relate to and strive to be like."

Arrieta won the 2015 NL Cy Young Award with the Chicago Cubs and helped them win the World Series the next season, going 2-0 in a seven-game series

against the Indians. He was 14-10 with a 3.53 ERA last year.

Arrieta was 68-31 with a 2.73 ERA in five seasons in Chicago after starting his career in Baltimore. He struggled with the Orioles — 20-25, 5.46 ERA — but transformed himself into one of the top pitchers in the majors. Phillies president Andy MacPhail and general manager Matt Klentak worked for the Orioles when Arrieta pitched at Camden Yards.

The Phillies haven't had a winning season since 2011, but have upgraded their roster by adding veteran slugger Carlos Santana, Hunter, 2017 all-star reliever Pat Neshek and now Arrieta.

Arrieta will join Aaron Nola atop the Phillies' rotation on a team that finished last in the NL East. Jerad Eickhoff and Vince Velasquez are expected to be in the rotation and Nick Pivetta is the leading candidate for the fifth spot. The team has a slew of young pitchers who could fill in. "He makes us a lot better," Eickhoff said.

"We want to win now. What a competitor, what a person, what a pitcher to learn from. He's done a lot in the game. It'll be pretty special to interact with him."

THE ASSOCIATED PRESS

NHL EASTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pts	Home	Away	Last 10 Strk
ATLANTIC DIVISION												
Tampa Bay	69	48	17	2	2	253	191	100	25-6-2-0	23-11-0-2	9-0-1-0	W-5
Boston	67	43	16	6	2	226	172	94	25-7-4-0	18-9-2-2	7-3-0-0	L-1
Toronto	69	40	22	5	2	228	197	87	23-8-2-0	17-14-3-2	5-3-1-1	W-1
METROPOLITAN DIVISION												
Pittsburgh	70	40	26	2	2	229	211	84	26-8-1-0	14-18-1-2	6-4-0-0	W-1
Washington	68	38	23	6	1	206	200	83	23-9-2-0	15-14-1-1	5-5-0-0	W-1
Philadelphia	70	35	24	5	6	205	205	81	17-12-3-3	18-12-2-3	4-5-0-1	L-1
WILD CARD												
Columbus	70	37	28	1	4	193	195	79	23-11-1-1	14-17-0-3	7-3-0-0	W-5
New Jersey	69	35	26	4	4	204	208	78	18-14-2-1	17-12-2-3	4-6-0-0	W-1
WESTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pts	Home	Away	Last 10 Strk
CENTRAL DIVISION												
Nashville	68	44	14	4	6	222	173	98	24-7-1-3	20-7-3-3	9-0-0-1	L-1
Winnipeg	68	41	18	7	2	227	179	91	16-12-5-1	17-11-5-2	7-3-0-0	L-1
Minnesota	69	39	23	5	2	216	198	85	24-5-5-1	15-18-0-1	7-3-0-0	L-1
PACIFIC DIVISION												
Vegas	69	45	19	3	2	235	187	95	24-7-1-1	21-12-2-1	6-3-1-0	W-3
San Jose	68	36	23	6	3	198	186	81	20-11-2-1	16-12-4-2	5-4-1-0	L-1
Anaheim	69	34	23	5	7	193	189	80	19-9-3-2	15-14-2-5	6-3-0-1	L-2
WILD CARD												
Dallas	69	38	25	4	2	198	180	82	24-10-3-0	14-15-1-2	4-4-2-0	L-1
Colorado	68	36	24	7	1	215	202	80	24-8-2-0	12-16-5-1	5-1-4-0	W-1
WESTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pts	Home	Away	Last 10 Strk
CENTRAL DIVISION												
Nashville	68	44	14	4	6	222	173	98	24-7-1-3	20-7-3-3	9-0-0-1	L-1
Winnipeg	68	41	18	7	2	227	179	91	16-12-5-1	17-11-5-2	7-3-0-0	L-1
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WILD CARD												
Dallas	69	38	25	4	2	198	180	82	24-10-3-0	14-15-1-2	4-4-2-0	L-1
Colorado	68	36	24	7	1	215	202	80	24-8-2-0	12-16-5-1	5-1-4-0	W-1

NHL WESTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pts	Home	Away	Last 10 Strk
CENTRAL DIVISION												
Nashville	68	44	14	4	6	222	173	98	24-7-1-3	20-7-3-3	9-0-0-1	L-1
Winnipeg	68	41	18	7	2	227	179	91	16-12-5-1	17-11-5-2	7-3-0-0	L-1
Minnesota	69	39	23	5	2	216	198	85	24-5-5-1	15-18-0-1	7-3-0-0	L-1
PACIFIC DIVISION												
Vegas	69	45	19	3	2	235	187	95	24-7-1-1	21-12-2-1	6-3-1-0	W-3
San Jose	68	36	23	6	3	198	186	81	20-11-2-1	16-12-4-2	5-4-1-0	L-1
Anaheim	69	34	23	5	7	193	189	80	19-9-3-2	15-14-2-5	6-3-0-1	L-2
WILD CARD												
Dallas	69	38	25	4	2	198	180	82	24-10-3-0	14-15-1-2	4-4-2-0	L-1
Colorado	68	36	24	7	1	215	202	80	24-8-2-0	12-16-5-1	5-1-4-0	W-1
WESTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pts	Home	Away	Last 10 Strk
CENTRAL DIVISION												
Nashville	68	44	14	4	6	222	173	98	24-7-1-3	20-7-3-3	9-0-0-1	L-1
Winnipeg	68	41	18	7	2	227	179	91	16-12-5-1	17-11-5-2	7-3-0-0	L-1
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PACIFIC DIVISION												
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San Jose	68	36	23	6	3	198	186	81	20-11-2-1	16-12-4-2	5-4-1-0	L-1
Anaheim	69	34	23	5	7	193	189	80	19-9-3-2	15-14-2-5	6-3-0-1	L-2
WILD CARD												
Dallas	69	38	25	4	2	198	180	82	24-10-3-0	14-15-1-2	4-4-2-0	L-1
Colorado	68	36	24	7	1	215	202	80	24-8-2-0	12-16-5-1	5-1-4-0	W-1

Note: The top three teams per division and the two next-best records in the conference qualify for the playoffs; a winning team is credited with two points and a victory in the W column; a team losing in overtime or shootout receives one point, which is registered in the respective OTL or SOL column.

Monday												
Columbus 5	Montreal 2	Vegas 3	Philadelphia 2	Winnipeg 4	Washington	Carolina at NY Rangers	Ottawa at Florida	St. Louis at Anaheim	Detroit at San Jose	Vancouver at Los Angeles		
Sunday												
Chicago 3	Boston 1	NY Islanders 5	Calgary 2	Pittsburgh 3	Dallas 1	Arizona 1	Vancouver 0					
Tuesday												
All Times Eastern												
Boston at Carolina, 7 p.m.	Ottawa at Tampa Bay, 7:30 p.m.	Dallas at Montreal, 7:30 p.m.	Winnipeg at Nashville, 8 p.m.	Colorado at Minnesota, 8:30 p.m.	Edmonton at Calgary, 9 p.m.	L.A. Angels at Arizona, 10 p.m.						

LATE SUNDAY												
PITTSBURGH 3, DALLAS 1												
FIRST PERIOD												
1. Pittsburgh, Hornqvist 20 (Malkin, Crosby) 12:57 (pp).	2. Pittsburgh, Oleskiak 5 (Kessel, Sheahan) 19:56.	Penalties — Sheary Pgh (tripping) 2:38; Shore Dal (high-sticking) 6:42; Methot Dal (cross-checking) 12:37.										
SECOND PERIOD												
3. Dallas, Radulov 25 (Spezza, Seguin) 12:03 (pp).	Penalties — Pitlick Dal (cross-checking) 0:19; Pateryn Dal (cross-checking) 5:30; Guentzel Pgh (slashing) 10:12; Maatta Pgh (high-sticking) 11:20; Radulov Dal (tripping) 16:20.											
THIRD PERIOD												
4. Pittsburgh, Malkin 39 (Crosby) 19:16 (en).	Penalties — Ruhwedel Pgh (hooking) 10:24.											
SHOTS ON GOAL BY												
Dallas 8	6	4	—18	Pittsburgh 11	13	6	—30	Goal — Dallas: Lehtonen (L, 12-8-2).	Pittsburgh: DeSmith (W, 4-4-0).	Power plays (goals-chances) — Dallas: 1-4; Pittsburgh: 1-5.		
Attendance — 18,637 at Pittsburgh.												
NY ISLANDERS 5, CALGARY 2												
FIRST PERIOD												
1. NY Islanders, Leddy 10 (Cizikas) 2:14.	2. NY Islanders, Boychuk 5 (Cizikas, Johnston) 2:32.	3. Calgary, Gaudreau 21 (Monahan) 7:23.	4. NY Islanders, Eberle 24 (Boychuk,									

NHL SCORING LEADERS												
	G	A	Pt									
Nikita Kucherov, TB	34	54	88									
Evgeni Malkin, Pgh	39	48	87									
Connor McDavid, Edm	33	51	84									
Nathan MacKinnon, Col	32	49	81									
Claude Giroux, Pha	24	57	81									
Steven Stamkos, TB	27	52	79									
Johnny Gaudreau, Cgy	21	58	79									
Phil Kessel, Pgh	28	50	78									
Sidney Crosby, Pgh	23	53	76									
Blake Wheeler, Wpg	18	58	76									
Taylor Hall, NJ	30	44	74									
Anze Kopitar, LA	27	47	74									
Jakub Voracek, Pha	16	58	74									
Alex Ovechkin, Wash	40	32	72									
John Tavares, NYI	31	38	69									
Brad Marchand, Bos	29	40	69									
Mikko Rantanen, Col	23	46	69									
Mathew Barzal, NYI	18	51	69									
Eric Staal, Minn	37	31	68									

NHL SCORING LEADERS												
	G	A	Pt									
Nikita Kucherov, TB	34	54	88									
Evgeni Malkin, Pgh	39	48	87									
Connor McDavid, Edm	33	51	84									
Nathan MacKinnon, Col	32	49	81									
Claude Giroux, Pha	24	57	81									
Steven Stamkos, TB	27	52	79									
Johnny Gaudreau, Cgy	21	58	79									
Phil Kessel, Pgh	28	50	78									
Sidney Crosby, Pgh	23	53	76									
Blake Wheeler, Wpg	18	58	76									
Taylor Hall, NJ	30	44	74									
Anze Kopitar, LA	27	47	74									
Jakub Voracek, Pha	16	58	74									
Alex Ovechkin, Wash	40	32	72									
John Tavares, NYI	31	38	69									
Brad Marchand, Bos	29	40	69									
Mikko Rantanen, Col	23	46	69									
Mathew Barzal, NYI	18	51	69									
Eric Staal, Minn	37	31	68									

Not including last night's games

AHL EASTERN CONFERENCE												
DIVISION		GP	W	L	OTL	SL	GF	GA	Pt	Home	Away	Last 10 Strk
ATLANTIC DIVISION												
Lehigh Valley	63	40	16	3	4	223	183	87	25-6-2-0	23-11-0-2	9-0-1-0	W-5
W.B./Scranton	58	35	17	4	2	187	164	76	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Providence	61	36	20	3	2	197	146	77	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Charlotte	62	35	24	0	3	209	180	73	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Bridgeport	61	30	23	5	3	164	161	68	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Springfield	62	28	29	4	1	178	193	61	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Hartford	63	26	29	5	3	169	215	60	16-12-5-1	14-15-3-2	3-5-2-0	W-1
Hershey	63	25	29	4	5	164	203	59	16-12-5-1	14-15-3-2	3-5-2-0	W-1
NORTH DIVISION												
x-Toronto	60	42	16	1	1	197	131	8				

Unfussy McTominay stands tall as contrast to Pogba at Man U

STEVE DOUGLAS

There is unlikely to be a Twitter emoji for Scott McTominay any time soon. Don't expect a flashy haircut or many highlight reels on YouTube for him, either.

In a sense, McTominay is everything that Paul Pogba isn't. They are both midfielders for Manchester United, but the similarities end there.

And that's just how Jose Mourinho likes it.

"He's humble, he wants to learn, yet he doesn't want headlines or flashes," the United manager said on Monday in praise of the 21-year-old McTominay, with perhaps a nod to the razzmatazz that invariably follows Pogba. "He just wants to work, improve, and be useful for his team."

Pogba cost United US\$116-million in 2016, a world-record fee at the time. McTominay cost the club nothing to sign, having come through United's development teams since the age of 5 and signed a first professional contract in 2013.

But right now, entering the business end of the season, Pogba is no longer a guaranteed starter and it's McTominay — against all the odds — who is more central to Mourinho's thinking.

United plays Sevilla in the second leg of their Champions League last-16 matchup on Tuesday, with the score at 0-0 from the first match in Spain. It's possibly the biggest match of United's season and McTominay seems sure to be in the team, his composure likely important on what could prove to be a nervy evening at Old Trafford.

Often criticized for failing to bring through youngsters at the clubs he has managed, Mourinho has made the development of McTominay one of his special projects in his 20 months at United.

Often criticized for failing to bring through youngsters at the clubs he has managed, Mourinho has made the development of McTominay one of his special projects in his 20 months at United.

McTominay was handed his debut against Arsenal off the bench at the end of the last season, then started against Crystal Palace in the English Premier League as Mourinho played a second-string team ahead of the Europa League final.

This season he has played 17 times, but increasingly in the bigger games. He was given a man-marking duty against Chelsea dangerman Eden Hazard last month and starred for United on Saturday as it beat Liverpool 2-1.

"I remember his beginnings, when sometimes he was not even on the bench but I was taking him with the team as the extra player," Mourinho said. "And I remember him clearly in the meetings in the dressing room, at halftime, eating every word, listening to everything."

McTominay showed experience beyond his years against Liverpool. Groans reverberated around Old Trafford when McTominay played a back-pass in the second half to take the sting out of the game, but Mourinho made a point of applauding on the touchline.

After the game, Mourinho criticized the fans.

"I am upset with the reaction they had with Scott McTominay — a kid of 20 years old was making all the right decisions and they want him to make the wrong decisions, when he decides to break the intensity of the game," Mourinho said. "It was a wonderful solution and the fans reacted against the kid. That was the bad one."

McTominay stands out on the field. At 18, he was 5 foot 6 but, after a sudden growth spurt, he is 6 foot 4. He keeps things very simple, often passing sideways or backward, and is positionally sound, and does the basics well. Against Liverpool, he formed an impenetrable midfield block with Nemamja Matic, helping United to keep its shape against Liverpool's fluid attack.

"He will be a big player for Manchester United," Matic said. "When I joined, I saw within a few days he would become a top player."

THE ASSOCIATED PRESS

Herdman names first roster as Canada men's soccer coach

NEIL DAVIDSON TORONTO

John Herdman has summoned a blend of experience and youth for his first match at the helm of the Canadian men's soccer team.

The Canadians, currently ranked 89th in the world, play No. 121 New Zealand in Murcia, Spain, on March 24, which falls on one of FIFA's international windows.

Experience comes in the form of Atiba Hutchinson, Milan Borjan, Dejan Jakovic, Samuel Piette and Tosaint Ricketts, who account for 249 of the 419 caps spread among the 22 players.

The roster also includes three newcomers to the senior squad: 20-year-old centre back Derek Cornelius (FK Javier Ivanjica, Serbia), 20-year-old fullback Marcus Godinho (Hearts, Scotland), and 18-year-old winger Liam Millar (Liverpool, England). All three have come through the Canada Soccer youth program.

Also included are midfielders Scott Arfield (Burnley FC) and Jonathan Osorio (Toronto FC) and striker Cyle Larin, who plays with Hutchinson at Turkey's Besiktas.

Defender David Edgar returns to the national team for the first time since November, 2016, after having missed the 2017 season through injury.

There are 10 MLS players in the 22-man squad with Osorio, Jay Chapman, Ashton Morgan and Tosaint Ricketts representing Toronto FC. Michael Petraso, Raheem Edwards and Samuel Piette come from the Montreal Impact and Dejan Jakovic and Mark-Anthony Kaye from Los Angeles FC and Tesho Akindele from FC Dallas.

Toronto and Montreal do not play that weekend.

The team will take part in a one-week camp before the New Zealand game.

It's Herdman's first on-field time with the men since shifting over from the women's program in early January.

Herdman's squad features 10 players who were picked by former coach Octavio Zambrano for Canada's last outing, a 1-0 loss to El Salvador in Houston last October.

THE CANADIAN PRESS



Toronto FC forward Sebastian Giovinco battles Tigres UANL midfielder Larry Vasquez at the CONCACAF Champions League quarter-final in Toronto on Wednesday. FRANK GUNN/THE CANADIAN PRESS

TFC welcomes test against Liga champ Tigres

MLS champions embrace challenge of playing Mexican team on hostile ground

NEIL DAVIDSON

It's been less than 2½ years since Toronto FC crumbled in its first-ever foray into the MLS playoffs, stumbling to a 3-0 loss in Montreal.

How times have changed.

Forged in the cauldron of two-game series in the MLS playoffs and Canadian championships, the MLS champions are embracing the challenge of playing on hostile ground in Monterrey against Liga MX champion Tigres UANL in the second leg of their Scotiabank CONCACAF Champions League quarter-final.

Toronto won the opener of the aggregate series 2-1 at BMO Field last Wednesday.

TFC captain Michael Bradley expects a "night of everything" on Tuesday at the Estadio Universitario.

"Twists, turns, good moments, not so good moments," he said. "But we have to be ready mentally, physically, to give everything and to understand that that's what these nights are all about. "There's no telling, there's no predicting how things will go. But the team that has more guys who embrace the night, who embrace everything that goes into it, that team typically has a better chance of coming out on the good side. That's our mentality."

Bradley points to Toronto's experience and confidence.

"We've got guys who have played in big games, in these types of games, all over the world. And by now we have a group of guys in this team who have together played in a lot of these type of nights. ... The more you do that, the more you under-

stand what they're all about."

Still, Mexico has traditionally been a graveyard for MLS teams. The New York Red Bulls' 2-0 win at Club Tijuana last week was just the third victory in 49 competitive matches (3-38-8) on Mexican soil for MLS clubs.

The other two wins — FC Dallas over Pumas and Seattle over Monterrey, both by 1-0 margins — came in 2011 Champions League group play.

Prior to the Red Bulls' victory, MLS teams were 0-26-5 in CONCACAF Champions League/Cup knockout games (either one-off contests or in a two-leg series) against Mexican teams in Mexico.

"This is a huge test and it'll be a good indication of where we stand," Toronto defender Drew Moor said.

He says the TFC players will have to draw on their past big games.

"No matter where you've played, no matter where you've come from, you go into Monterrey, a place where Tigres are extremely good and have been for the past five to 10 years. Not a lot of teams go in there and get much joy.

"It's a huge moment and we're going to enjoy it. We're going to embrace that moment, we're going to embrace that struggle."

Said coach Greg Vanney: "These are the games that really force you to concentrate and play every moment and respect every situation to its highest potential."

The CONCACAF Champions League has served to up the ante for a Toronto team that won the MLS Cup, Canadian championship and MLS Supporters' Shield last year. The CONCACAF club championship is the one trophy case the team has yet to fill.

"It presents a new challenge," said defender Eriq Zavaleta. "What's so cool about the whole thing is that in winning everything last year, to then have a

new competition and a new challenge so early into the next season, I think, is a fun one for us. It gets us pretty engaged pretty early and it starts the season off on the right foot."

Facing Tigres in the quarter-final was a bonus.

"Everybody's mouths were watering a little bit," Bradley said. "These opportunities to test yourself individually and collectively at the highest level don't come around every single week." The series winner could face another Mexican powerhouse in Club America, which defeated Panama's Tauro FC 4-0 in the first leg of their quarter-final.

Don't expect TFC to park the bus in front of goal Tuesday. Toronto wants an away goal, to negate the one Tigres scored at BMO Field and to pile the pressure on the Mexican side.

"We're going there to play. We're going there to be aggressive. We're going there to not be afraid, to not sit back," Bradley said. "That's not who we are. That's not what we want to do. That's not what gives us the best chance.

"We're going to be smart. We're going to be mindful of the position that we're in. But we're going there to give it a real go and make sure that they understand from the beginning the game's not just going to be played on their terms."

Added Moor: "What we want to do is not drop our energy level from where we finished the game on Wednesday night. It's very important that we go in, try to attack them, try to play in their half of the field. ... We know that they're going to come at us. They have to open themselves up a bit."

Toronto's record against Mexican teams in the competition is 2-4-3. The lone previous victory was a 2-1 decision over visiting Cruz Azul in August, 2010.

THE CANADIAN PRESS

Vancouver Whitecaps unveil teenage gamer Erfan Hosseini as their eMLS Cup hope

NEIL DAVIDSON

It seems only fitting that an MLS franchise that boasts a 17-year-old phenom in midfielder Alphonso Davies would dip into the high-school ranks for its pro gamer.

On Monday, the Vancouver Whitecaps unveiled 17-year-old Erfan Hosseini as their first official eMLS representative. Hosseini is expected to be the youngest competitor at the inaugural eMLS Cup at the PAX East gaming festival in Boston in April.

"It feels amazing. It's a dream come true to be able to represent your hometown team and be able to play the game that I love at the same time," Hosseini said in an interview.

Hosseini, a senior at Moscrop Secondary School, will be introduced to Whitecaps fans at Vancouver's March 24 match at BC Place against the Los Angeles Galaxy.

"Vancouver is a major hub for the gaming industry, so we are very excited to be a part of the inaugural eMLS Cup," Whitecaps chief executive Rachel Lewis said

in a statement. "Erfan is a young, charismatic local gamer who has grown up as a 'Caps fan. We're looking forward to cheering him on this April."

Some 19 MLS clubs have committed to take part in the eMLS Cup with the winner advancing to EA Sports FIFA 18 Global Series Playoff, and possibly the FIFA eWorld Cup in August. Phil Balke will represent Toronto FC while Lyes Ould-Ramoul will carry the Montreal Impact colours.

Hosseini, who goes by the gaming moniker Skill Shack, was the winner of the Whitecaps FC live FIFA 17 Tournament last August. The team says he comes recommended by FIFA e-sports analyst and commentator Chu (ChuBoi) Morah, a former EA Sports community manager.

Born in Shiraz, Iran, Hosseini moved to Canada when he was 8. He says he has always been a fan of playing soccer, but found others outgrew him on the field. So he took his love for the game to the gaming console.

He found he had a knack for it.

A fan of Brazil's Ronaldo, Hosseini says he favours a Brazilian

playing style. His go-to player these days is Brazilian star Neymar.

Hosseini's new gig as the Whitecaps resident gamer likely came as a surprise in the Hosseini home.

"My parents have been always against [video gaming]," Hosseini said with a laugh. "But as long as I get my schoolwork done, they're fine with it. And now that I've told them about the Whitecaps contract and the signing, they're actually very happy for me that I'm not actually wasting time any more and I'm doing something useful."

The eMLS Cup will divide players in two conferences, with 10 clubs in the East and nine in the West. Competitors will select their squad of 11 starting players, seven bench players and five reserve players. Each team must have three MLS players on the field at all times, including two players from the club that they represent.

Hosseini says Whitecaps captain Kendall Waston will be on his squad.

THE CANADIAN PRESS

Federer moves on at Indian Wells

The Swiss star beats Krajinovic, improving to 65-5 since returning from an injury to his left knee last year

BETH HARRIS
INDIAN WELLS, CALIF.

Roger Federer rolled past No. 25 seed Filip Krajinovic 6-2, 6-1 in pursuit of a record sixth BNP Paribas Open title, while Sloane Stephens remained mired in her post-U.S. Open slump.

Federer improved to 65-5 since returning from a left-knee injury last year with his third-round victory in a rare day match Monday.

The Swiss star's young son, Lenny, watched from a box wearing a Superman cap.

Stephens lost to Daria Kasatkina of Russia 6-4, 6-3, and fell to 2-4 in matches this year.

Kasatkina has beaten all four of the current Grand Slam champions in the last year: French Open winner Jelena Ostapenko, Australian Open winner Caroline Wozniacki, Wimbledon winner Garbine Muguruza and now Stephens.



Roger Federer of Switzerland hits a backhand in his match against Filip Krajinovic during the BNP Paribas Open in Indian Wells, Calif., on Monday. Federer's young son, Lenny, watched from a box wearing a Superman cap. HARRY HOW/GETTY IMAGES

THE ASSOCIATED PRESS

Massie caps long journey at Pyeongchang Paralympics

LORI EWING
JEONGSEON, SOUTH KOREA

Wendy Massie heard the howls. They pierced through what had been a picture-perfect morning at the family's cottage in Pointe au Baril, on the east coast of Georgian Bay.

From what she could make out from the panicked screams coming from the dock, her youngest son, Alex, had been cut badly. She bolted from the cottage and as she ran, she grabbed a rope from behind the boathouse to use as a tourniquet.

"I wasn't sure what I was going to see," Wendy said.

She arrived upon a mother's worst nightmare.

"It looked like a crime scene, a horror scene. Blood everywhere. Pieces of bone," Wendy said.

Seven years later, Wendy was part of the eight-member Massie family cheering section that hollered from the grandstand as Alex roared down the mountain at Jeongseon Alpine Centre in the snowboard cross event at the Pyeongchang Paralympics.

The 22-year-old para snowboarder was eliminated Monday in the round of 16 in a thrilling race against New Zealand's Carl Murphy. But the day was a victory for Alex and his family.

"I'm not mad at all," Alex said with a wide grin. "I left it all out there. I'm happy that I raced my best race. It's my first Games, take what I learned from this, go back and train hard for the next four years, and hopefully bring home something really shiny from Beijing [in 2022]."

Finland's Matti Suur-Hamari won gold in Massie's category. American Brenna Huckaby, who last month became the first amputee athlete to be featured in Sport Illustrated's "Swimsuit Issue," won gold in the women's event.

Alex was just 16 when he lost his lower leg wakeboarding. He rattled off the date: "July 25, 2011. Your standard sunny nice day, kind of like it is here today," he said.

He'd wanted one last run before breaking for lunch. Climbing into the water, there was some miscommunication with the driver, who put the boat in reverse, sucking Alex under. The propeller hit him five times.

Over 10 days, four surgeries, and two hospitals - in Barrie, Ont., and Toronto -



Canadian para snowboarder Alex Massie, left, of Canada and Carl Murphy of New Zealand compete during the snowboard cross round of 16 at the Pyeongchang Paralympics. SIMON BRUTY/OIS/IOC VIA AP

doctors tried to save his leg, but were finally forced to amputate due to lack of blood flow.

But Alex was far from out of the woods. He endured a laundry list of complications that read like a season of ER. He had a three-inch blood clot in his femoral artery that threatened his life. He suffered infections.

He finally left the hospital just before Thanksgiving, and in December, he was cleared to use a prosthetic leg. Three days later, he fell getting out of the shower, and broke his amputated leg in three places, including two breaks in his femur.

"That actually hurt more than losing my leg," said Alex, who was forced back into a wheelchair for another four months.

Alex returned to high school a little more than a year after his accident. He spent a year adjusting to his new body, and then tried out for the high-school football team.

"He went out to football practice and said by the second down he felt completely himself," Wendy said. "And partway through the practice, the coach came up to him and said, 'Well, when you said you wanted to play football, I thought it was a great idea, I didn't want to hold you back.

But I didn't know that you could play football.'" Alex, who's a burly 6 foot 3 and 265 pounds, started every game for the Barrie North Collegiate Sr. Wildcats as an offensive guard.

"When he was in hospital, I starting doing research, and I learned that one of the biggest challenges that faces kids with disabilities is loneliness, and I never wanted him to feel disconnected or lonely," Wendy said. "So the best way to make sure you're not lonely is to get yourself back and doing all the things you want to do. We heartily encouraged him to do everything and anything that he could."

Massie first took an interest in Paralympic snowboarding when it made its Games debut in 2014 in Sochi. He's consistently been among the top in the world since 2015, winning bronze at both the world championships and X Games that year. He captured a pair of World Cup bronze medals, and silver at the X Games in 2016. Last year, he was fourth in snowboard cross and sixth in banked slalom at the world championships.

Massie had been gunning for the podium in Pyeongchang. But moments after he was eliminated he flashed his cheering section, including brothers James and Jeffrey (brother Andrew hadn't made the trip) and dad James a big unshaven grin.

"Any kids out there who are missing a leg or have any form of disability, it just shows you can do anything you want, and it can be pretty fun and pretty gnarly, and you get to travel the world with really cool people and make really cool friends," said Massie, wiping a hand through his long hair.

Then he departed the media interview area, leaping over four barriers to get to his brothers and dad, who wrapped him up in a huge hug. Alex grabbed a big Canadian flag and waved it wildly for the delighted crowd. Just like a gold medalist would.

"It's been a pretty crazy journey, but as long as you stay positive good things come. Never get down on it," Alex said, imparting his philosophy on life. "My big one I always say to kids is, you know the old thing about how the grass is always greener on the other side. The truth is, the grass is always greener where you water it."

"So if you want to have a good happy life, you've got to put in that work, and go out and water your lawn."

THE CANADIAN PRESS

McKeever is now Canada's most-decorated Winter Paralympian

LORI EWING

Medal No. 14 was both historic and incredibly hard.

When Brian McKeever looks back at the race that made him Canada's most decorated winter Paralympian, he'll remember it as one of his most difficult.

The visually impaired cross-country skier opened the Pyeongchang Paralympics with a gold medal in the 20-kilometre event on Monday, his 11th Paralympic gold medal and 14th overall.

And in the moments afterward, the 38-year-old from Canmore, Alta., talked about the lung-busting final few kilometres.

"That one was hard. That one was really hard," McKeever said. "I think we had a plan to ski comfortably into it and try and build towards the end, and I think I built too much in the middle."

"I almost undid it because the last lap was very hard to keep the pace, but good enough in the middle that we built a nice lead and then we were able to hang on. But it was touch and go there at the end."

McKeever passed the late Lana Spreeman, an alpine skier who captured 13 Paralympic medals between 1980 and 94.

McKeever, who carried Canada's flag into Friday's opening ceremonies, crossed in a time of 46 minutes 2.4 seconds with guides Graham Nishikawa and Russell Kennedy. The duo took turns guiding McKeever after each loop, a two-guide tactic the Canadian first implemented four years ago in Sochi.

"They did an awesome job today," McKeever said on his guides. "It was super windy out there, so to be able to tuck in behind these big boys is important for me to get that rest a bit. They pushed hard, they skied really well, and they took care of me the whole way."

"But it was hard staying with these boys. ... Both Russ and Graham did such a good job today that I was hurting by the end, so it was thanks to them that we got this done."

Nishikawa, a 34-year-old from Whitehorse, shrugged off McKeever's praise.

"He always gives us too much props," he said. "We have the hardest job here. He's so fast, and we have to drive a really hard pace and into the wind, and so we're trying to give her as hard as we can. But we know he's always going to keep up. He's Brian."

Yury Holub was second in 47:07.5, while Thomas Clarion of France took the bronze in 47:24.4.

THE CANADIAN PRESS

Wolfpack signs fullback O'Brien from Salford Red Devils

NEIL DAVIDSON

The Toronto Wolfpack has acquired Gareth O'Brien from Salford Red Devils for an undisclosed fee.

The 26-year-old fullback has played more than 100 games in the Super League. He joined Salford from Warrington for the 2016 season, scoring the drop-goal which saved the Red Devils from relegation last October.

The long-distance kick in extra time gave Salford a 19-18 win over Hull Kingston Rovers in the so-called "Million Pound Game" to ensure the Red Devils remained in the top flight.

O'Brien can play several positions in the backs, starting as a halfback before making the transition to fullback. He also gives Toronto another kicking option.

New Zealand-born Samoan international Quentin Laulu-Togoga'e is Toronto's current No. 1 fullback.

"An opportunity came up to bring in a quality fullback like Gareth and it was too

good to miss," Wolfpack coach Paul Rowley said in a statement. "It's rare that a player of his ability becomes available and so, with one eye on succession planning and also the immediate, we have no hesitation in bringing Gareth to the club."

"The competition for places will continue to increase along with our efforts to progress further as the season unfolds."

The Wolfpack, rugby league's first transatlantic team, currently stand fourth in the second-tier Betfred Championship. Toronto (4-1-1) plays at amateur side Kells ARL on Friday in the fourth round of the Ladbrokes Challenge Cup.

"It's a decision me, my partner Chloe and my family are really excited about," O'Brien said of the move to join Toronto.

"The club has a lot of ambition and I'm hoping I can contribute to their success. I

can't wait to meet the boys and get started."

Salford said O'Brien, who signed a new three-year deal last March, initially told them he did not want to leave the club after Toronto put in a bid.

“

An opportunity came up to bring in a quality fullback like Gareth and it was too good to miss.

PAUL ROWLEY
WOLFPACK COACH

"The offer was turned down and it was reiterated to Toronto that Gareth was not for sale on the basis the club neither wanted nor needed to sell," Salford said in a statement. Representatives for the player returned the next day requesting permission for Gareth to speak to the Wolfpack.

THE CANADIAN PRESS

BIRTH AND DEATH NOTICES

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DEATHS



ERIVAN HAUB
September 29, 1932 – March 6, 2018

Erivan Haub, 85, of Wiesbaden, Germany, passed away amongst family on Tuesday, March 6, 2018 in Pinedale, Wyoming. Born in 1932 in Wiesbaden, Germany, to Elisabeth and Erich Haub, he became one of the most successful German business entrepreneurs, building The Tengelmann Group into an international retail empire spanning Europe and North America, including The Great Atlantic and Pacific Tea Company (A&P).

After graduating high school, he completed his retail apprenticeship and then entered a traineeship program in North America in the early 1950s, where he fell in love with the country while working at several prominent food retailers in Chicago and Los Angeles and for an import-export company in Cuba. Following his return home, he studied at the University of Hamburg under famous economist Prof. Karl Schiller and graduated from the University of Mainz with a degree in economics. But more importantly than his degree, he met his future wife and love of his life, Helga, while studying in Hamburg and they got married in 1958. They were blessed with three boys, Karl-Erivan, Georg and Christian, who were all born in Tacoma, Washington and cemented his lifelong love for America.

Erivan entered the family business in Germany in 1963 and following the death of his uncle in 1969, he assumed the leadership of the Tengelmann Group in the fourth generation, and immediately began to expand the company, which at this point was a mid-sized food retail business operating just in Germany. He skillfully grew the company by acquiring key competitors and launching innovative new concepts to become Germany's largest supermarket operator. In 1979, he fulfilled his lifelong dream of expanding to America by investing in The Great Atlantic and Pacific Tea Company, the country's oldest supermarket business. He continued to diversify The Tengelmann Group expanding his food retail business across Europe, investing into home improvement retail enterprise OBI in Germany and launching the clothing discount retailer KIK. After the fall of the Berlin Wall he entered new markets in eastern Europe, fueling the company's growth culminating in The Tengelmann Group becoming one of the largest privately-owned retail companies in the world.

Besides pursuing his business goals, he also was passionate about the environment. Inspired by his mother, Elisabeth, who was one of the first environmentalists in Germany in the late 1960s, he embraced sustainable business practices throughout his business enterprise long before they became mainstream and won numerous awards and recognition for his leadership in this area. He went on to create the world's first university chair in business and the environment at York University in Toronto, Canada in 1991. Together with his wife, he established the Helga Otto Haub School of Environment and Natural Resources at the University of Wyoming in 2004.

In order to strengthen the German-American relationship, he first established the Erivan Karl Haub Executive Conference Center at St. Joseph's University in Philadelphia in 1988 followed by the Haub School of Business in 1997. He also became a lead benefactor of the The George C. Marshall International Center in Leesburg, Virginia. For his accomplishments in fostering the German-American friendship he received the Dr. Leo M. Goodman Award by the American Chamber of Commerce in 1996. At Pace University in New York, he helped to establish the Elisabeth Haub School of Law in 2016, to honor his mother and to support their highly regarded environmental law program.

In 2004, the Federal Republic of Germany awarded him the Federal Cross of Merit, Germany's highest civil award for his lifetime achievements and contributions in business, culture, society and especially for the environment.

At the beginning of the new millennium, Erivan transferred the leadership of The Tengelmann Group to his sons, Karl-Erivan and Christian, and took over the role of Chairman of the company's advisory board. Following his 80th birthday and after 50 years of successful engagement in the retail industry, he retired and retreated into private life.

Erivan Haub was a very generous philanthropist during his life supporting the well-being of his many tens of thousands of employees and embracing many causes in the communities his company served. He was an avid collector of American Western Art, a love he developed during the time he spent on his ranch in Wyoming where he raised a herd of American bison. Together with his family, he decided to donate his collection to the Tacoma Art Museum as a sign of gratitude towards the community he first found a home at in America.

He passed away peacefully on his beloved ranch in Pinedale, Wyoming and will be thoroughly missed by all who knew him. Erivan is survived by his wife, Helga; his son, Karl-Erivan and his wife, Katrin, with their children, Viktoria and Erivan; his son, Georg with his children, Robert, Alexander and Sarina; and his son, Christian and his wife, Liliane with their children, Marie-Liliane, Maximilian, Anna-Sophia and Constantin.

DEATHS



HEWETT LITTLEJOHN
B.A., LL.B., Q.C.
September 17, 1930
March 6, 2018

It is with sadness that the family of Hewett (Hew) Littlejohn announces his passing. Hew died on Tuesday, March 6, 2018 in his eighty-eighth year, leaving this world with courage, dignity, and grace, knowing that he was deeply loved by his family.

Hew was one of three children. Born to Edward and Margaret Osborne (née Lind), Hew grew up in Toronto. Predeceased by his older brother, Edward (Ted) Littlejohn; Hew will be missed by his dear sister, Marnie Wigle.

Hew lived a full life. In his youth, he was a proud member of the 1949 Lawrence Park Collegiate city-wide championship football team. He graduated (B.A.) from Victoria College, University of Toronto where he pledged as a member of the Theta Delta Chi fraternity. He graduated from Osgoode Hall (LL.B.) in 1958 and enjoyed a long career as a lawyer in London, Ontario. Hew was honoured with the Queen's Counsel designation and was highly respected and valued by his many clients, embodying the finest qualities of trust, loyalty, and integrity. These traits also made Hew a true and stalwart friend: he valued his friendships, some of over seventy years, dearly.

Throughout his life in London, Hew quietly dedicated many volunteer hours to various organizations. He was appointed a lifetime member of both the Victoria Hospital Corporation and the Salvation Army and served as President of the Estate Planner's Council. As an avid and accomplished golfer, Hew was a past President of the London Hunt and Country Club, served as a Director of the London Club, and was, until very recently, President of the Board of Directors of Mount Pleasant Cemetery. Hew had a deep concern for the welfare of others, and he was proud to see this value embraced by the next generations of his family.

Hew remained a devoted husband to his wife of almost fifty-eight years, Catherine. He will be remembered lovingly by her and their four children, Robert (Catherine Glynn-Littlejohn), James 'Jay' (Catherine Bower), Elizabeth, and Mary Walsh (John). Hew took great delight in his grandchildren, William, David, and Andrew, Cayley, Riley, and Cameron; along with step-grandson, John Robert. He will be remembered as a strong and witty presence who brought great joy to all who gathered at the family cottage in Muskoka. Hew loved and embraced his entire extended family.

Hew was a true gentleman and gentle man. He left this world with the certain knowledge that he was deeply loved.

Visitation will take place at Harris Funeral Home, 220 St James Street, London, Ontario, Friday, March 16, 4:00-7:00 p.m. A celebration of life will be conducted at St. John the Evangelist Anglican Church (280 St James Street, London, Ontario) Saturday, March 17 at 11:00 a.m., to be followed by a reception at the London Hunt and Country Club (1431 Oxford St West, London Ontario). In lieu of flowers, donations may be made to the Salvation Army, 371 King Street, London, ON N6B 1S4 or London Health Sciences Foundation, 747 Baseline Rd. E., London, ON N6C 2R6.

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DEATHS



GARIE SEYMOUR

Surrounded by her loving family, Garie Seymour (nee Hay) died on Friday, March 9, 2018 at Princess Margaret Hospital in Toronto, from gallbladder cancer.

Garie was born on May 19, 1942 in Chatham, New Brunswick to Edith (nee Keating) and Gara Hay, who was killed in World War II, four months later. Christened Loretta, Garie chose to adopt her father's first name as her own as a young girl. She will be deeply missed by her beloved husband of 52 years, Ronald James Seymour; her three children, Jeff (Tracy), Rhea (Kirk) and David (Dani); her granddaughter, Sophie Gara; siblings, Kate (Doug) Wray, Kim (Mike) Gebara, Norie (Terry) MacDonald, Paula (Harshad) MacDonald, Scott MacDonald; and many cousins and nieces and nephews.

Garie treasured all of her friendships, including those with Mary Lynn and Jim Williams, Cathy and Paul Standing, Art Devlin and the "Oakville Golf Gang," Annie Walsh and Alan, the Millcroft Ladies Club, and childhood friends Ellen Marie Currie and Sally Caty.

Mum lived a charmed life, which in recent years included spending winters with RJ at Vanderbilt Beach in Naples, Florida. She was a wonderful mother to her three children and a doting GG to her only grandchild, Sophie. A fantastic cook and the ultimate hostess, she loved entertaining friends and family and could always be counted on to get the dancing started in the kitchen.

A private family mass will take place at St. Gabriel's Roman Catholic Church, 2261 Parkway Dr., Burlington, Ontario. Visitation will be held at Smith's Funeral Home (1167 Guelph Line, Burlington, Ontario) on Tuesday, March 13, 2018 from 7 p.m. to 9 p.m. A funeral service will be held at Smith's Funeral Home on Wednesday, March 14, 2018 at 1 p.m., with a reception to follow.

Birth and death notices

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STRINGER, Ted - Call for information.
BADER, Pearl - 1:00 Chapel.

SHIVA
SHESEL, David - 8 Edmund Seager Drive, Thornhill, Ontario.
BLACKMAN, Marilyn - 14 Eddy Green Court, Thornhill, Ontario.
ZUCKER, Ernest - 15 Banbury Road, HARNICK, (Vicki) Victoria - 25 Oak Avenue, Richmond Hill, Ontario.
DWORETZKY, Hymie - 79 Venice Crescent, Thornhill, Ontario.
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DEATHS

EDWIN STRINGER

It is with profound sadness that the family announces the passing of Ted Stringer, dearly beloved husband and best friend of 29 years to Elsa. Incredible father to Brad and Diana. Adoring grandfather to Jade and Skyler.

Kind son-in-law to Barbara Stark and the late Benny Stark and dear brother-in-law of Stephen Stark and the late Patti Stark. Loving stepfather to Lori Grossman and Achim Hoffmann, Michael and Alyssa Grossman, Sarah and Dave Stoller. Step-grandfather to Piper Hoffmann and Benny Grossman. Predeceased by his beloved parents, Abraham and Lena Stringer; and brother, Dr. Paul Stringer. Caring friend to Scotty Honeymann.

Heartfelt thanks to all of the exceptional doctors for their unending support and unparalleled care over the past many years. Doctors: Mary Gospodarowicz, Michael Crump, Barry Rubin, Harry Rakowski, Geoff Litner, Michael Gillinsky, the late Michael Weinstock, and many others that are too numerous to mention.

Ted was a highly respected labour lawyer and senior partner of the firm Stringer, Brisbin, Humphrey. He loved travelling, cycling with his Team Targah buddies, good wine and art. An elegant and sophisticated man of great integrity who was loved by all who knew him well.

In lieu of flowers, donations can be made to the Elsa and Ted Stringer Fund at the Princess Margaret Hospital 416-946-6560.

For funeral details please contact Benjamin's Park Memorial Chapel 416-663-9060 or www.benjamins.ca.

IN MEMORIAM

JOSEPH SAUNDERSON

Deceased March 13, 1989.
For thy sweet love remember'd.
Love, Marion and Victoria.

FUNERAL SERVICES

DAVIE, Isobel Lorraine (nee Purvis)
Service Friday 11 a.m.

HALPENNY, Frances Georgina, CC, FRSC
Service Monday, March 26, 11 a.m. Northlea United Church

LARSON, Karin
Service Thursday, March 22, 11 a.m.

NASSAR, Asta
Service Thursday 1 p.m.

TITTMANN, Marianne
Service Saturday, April 7, 11 a.m.

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HUBERT DE GIVENCHY

FASHION DESIGNER, 91

GIVENCHY HELPED REDEFINE FASHION



French fashion designer Hubert de Givenchy poses with mannequins in his shop in Paris in 1952. Mr. Givenchy's debut collection proved an instant success, ushering in the concept of separates – tops and bottoms that could be mixed and matched, as opposed to the head-to-toe looks that were the norm at the time. AP

French couturier forged friendships with many of his famous clients, but it was his work with Audrey Hepburn that defined his style

PARIS

In her sleeveless black gown, with rows of pearl at the neck and oversized sunglasses, Audrey Hepburn's Holly Golightly defined understated elegance. Hers was the iconic little black dress. It was the work of Hubert de Givenchy, the French couturier who, along with Christian Dior, Yves Saint Laurent and Cristobal Balenciaga, redefined fashion in the wake of the Second World War. Mr. Givenchy was the epitome of Paris chic. His death at age 91 was announced on Monday.

A towering man of elegance and impeccable manners, Mr. Givenchy forged close friendships with his famous clients, including Elizabeth Taylor, Lauren Bacall, Jacqueline Kennedy Onassis and Princess Grace of Monaco.

But none were as close to him or the fashion house that bore his name as Ms. Hepburn, whose simple chic became a kind of shorthand for the label. Besides the little black dress from the 1961 hit *Breakfast at Tiffany's*, Ms. Hepburn wore Mr. Givenchy's designs in nearly a dozen other movies, as well on the red carpet and also in real life.

Born on Feb. 21, 1927, in the provincial city of Beauvais, north of Paris, Mr. Givenchy was raised by his mother and maternal grandparents after his father, a business executive and amateur pilot, died when he was a toddler.

His grandfather, an administrator of a tapestry workshop in Beauvais, cultivated the young Mr. Givenchy's appreciation of the arts and honed his aesthetic sensibility.

Early on, Mr. Givenchy set his sights on fashion – a career choice that left his family cold. After high school, he acceded to family pressure and joined a notary firm in Beauvais, but it didn't last long.

Mr. Givenchy struck out for Paris in his late teens, in the wake of the Second World War.

Couturier Jacques Fath hired Mr. Givenchy on the strength of his sketches and he spent two years learning the basics of fashion design, from sketching to cutting and fitting haute couture styles.

After a brief stint at the house of Piguet, he joined celebrated Italian designer Elsa Schiaparelli in 1949, leaving her to found his own house in 1952.

Headquartered in a small room off the Parc Monceau, well off Paris' famed Golden Triangle, the house of Mr. Givenchy proved an instant success.

His debut collection ushered in the concept of separates – tops and bottoms that could be mixed and matched, as opposed to head-to-toe looks that were the norm among Paris couture purveyors.

Working on a tight budget, Mr. Givenchy served up the floor-length skirts and country chic blouses in raw cotton materials normally reserved for fittings.

The collection's body-conscious shapes created a sensation among the fashion press and buyers used

to the wasp-waisted, full-skirted "New Look" pioneered by Dior.

Mr. Givenchy's "Bettina blouse" – a concoction of white broadcloth with tiers of eyelet ruffles at the sleeves, which was named for his favourite model and publicist, Bettina Graziani – would go down in fashion history.

In 1955, Mr. Givenchy relocated to the tony Avenue George V, across the street from his idol, Spanish-born designer Mr. Balenciaga.

"Balenciaga was my religion," he told fashion trade publication *Women's Wear Daily* in 2007. "There's Balenciaga and the good lord."

"Le Grand Hubert," as he was often called for his 6-foot-5 frame, became popular with privileged haute couture customers, among them Gloria Guinness, Wallis Simpson and Empress Farah Pahlavi of Iran.

But the client whose name would become almost synonymous with the house was Ms. Hepburn, whom he met in 1953, when he dressed her for the romantic comedy *Sabrina*.

Legend has it that Mr. Givenchy – told only that Mademoiselle Hepburn would be coming in for a fitting – was expecting the grand Katharine Hepburn. Instead the diminutive Audrey showed up, dressed in cigarette pants, a T-shirt and sandals.

That encounter marked the start of a decades-long friendship that saw Mr. Givenchy dress the star in nearly a dozen films, making her the brand's de-facto ambassador.

"His clothes for me have always not only thrilled me, but also given me so much confidence. I've worked in them, I've played in them, I've borrowed them, I've bought them," Ms. Hepburn once gushed during a television interview.

Aiming to reach a wider market, Mr. Givenchy launched a line of upscale ready-to-wear and accessories in the 1960s, and its commercial success soon enabled him to buy out his backers, making him one of a handful of Paris couturiers to own their own label outright.

In 1988, he sold the house to French luxury conglomerate LVMH Moët Hennessy Louis Vuitton, the parent company of a stable of top fashion labels that now includes Dior, Celine, Marc Jacobs, Pucci and Kenzo.

Mr. Givenchy retired in 1995, and was succeeded by John Galiano, Alexander McQueen, Julien Macdonald, Italy's Riccardo Tisci and current chief designer Clare Waight Keller, the first woman to hold the post. Just last week she showed her latest collection in Paris, revealing a brooding and gritty side with razor shoulders and hulking coats.

Mr. Givenchy will be remembered as a pioneer of pure lines and flattering elegance – an aesthetic summed up in the motto he shared with Mr. Balenciaga: "Make it simple, make it pure."



A model wears the black dress that Hubert de Givenchy made for Audrey Hepburn for the classic 1961 film *Breakfast at Tiffany's* in London in 2006. CHRISTOPHER PLEDGER/AP

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ADRIAN SINNIGE

Family man. Chess player. Polyglot. Welfare field worker

Born June 16, 1927, in Amsterdam; died Dec. 30, 2017, in St. Catharines, Ont., of aspiration pneumonia; aged 90.

"Don't tell your mother. I rolled my scooter in a ditch today. Some passers-by helped me back up." My father was retired when he told me this but I already admired his ability to fall down, get back up and just keep going.

As a young man riding his bicycle through the Dutch and Belgian countryside, Adrian could not hurtle down the hills and around corners quite as well as his friends. Sometimes, he would look up at the stars and lose his balance. No matter. In his 40s he learned that he had a rare neurological disease, degenerative and incurable. No treatment available. Hereditary (recessive) degeneration of the cerebellum is so astronomically rare it is not named after a researcher like Parkinson's or Alzheimer's. There were no researchers. Just a gradual, steady loss of balance and coordination. It robbed him of his ability to ride bikes, to write, to walk and eventually, to talk. Fortunately, the decline was very slow. There was still time for work and family, to play chess, to go camping, and to teach his three children to ride bikes – the whole suburban dream.

Born in Amsterdam in 1927, Adrian, as a teenager, hid from the Nazis to avoid being sent to their work camps. After the war, he was encouraged to move to Canada by Canadian immigration officials on a recruiting mission to the Netherlands. With a social-work diploma and the ability to speak four languages (five if you include his local dialect), he was just what they were looking for. He cashed out his small pension, bought a one-way ticket on a boat bound for Canada and arrived here in 1954. Once in Canada, the social-work profession rejected his credentials. After several years of struggle, working as a bookkeeper where he could, Adrian landed a job as a field worker with the Ontario Department of Public Welfare. Not precisely a Social Worker, but close. He loved it. With a steady job secured, Adrian married his sweetheart, Nel, also from the Netherlands, and they bought a little bungalow in St. Catharines, Ont.

As a field worker, he would visit people in need in their homes, assess their finances and counsel them on what benefits they were or weren't eligible for. He was on the road throughout Ontario's Niagara Region almost every day. He visited every nursing home in the area and in the course of his work, he noticed a strange thing: mysterious withdrawals from the personal accounts of the residents at one home. He reported his concerns and in due course it was determined that one of the nursing home administrators was stealing from the residents. The culprit was charged, tried and sent to jail. Dad never spoke of his role in this. It was my mother who gave it away many years later. When pressed, he confirmed the story was true. I think of my Dad as a mild-mannered, bespectacled, social work superhero. His secret superpower: bookkeeping.

Adrianus Willibrordus Sinnige lived to the age of 90, and died peacefully with his beloved wife of 56 years at his side. He was a good man. He lived a good life. Now he can rest.

Diana Sinnige is Adrian's daughter.

