

[MIDDLE EAST]



Migrants flee to Greece as Turkey-Syria conflict escalates

Thousands have attempted to enter Greece by land and sea since Sunday as Turkey makes its biggest intervention yet in Syrian civil war ■ A4

Migrants and refugees block a road near the Moria camp on the Greek island of Lesbos on Monday.
ANGELOS TZORTZINIS/AFP VIA GETTY IMAGES

Wet’suwet’en deal won’t stop construction of Coastal GasLink pipeline, B.C. Premier says

WENDY STUECK VANCOUVER
KRISTY KIRKUP OTTAWA
JUSTINE HUNTER VICTORIA

B.C. Premier John Horgan says a weekend deal between Wet’suwet’en Nation hereditary chiefs and the federal and provincial governments will not affect the construction of the natural gas pipeline in northern British Columbia that sparked blockades and protests across Canada.

“There’s a difference of opinion around the Coastal GasLink project, but the permits are in place, it’s approved, it’s under way,” Mr. Horgan told the B.C. Legislature on Monday. “I made that clear.”

The company building the pipeline returned to Wet’suwet’en territory on Monday, as did the RCMP, raising concerns

about how protesters who have blocked railway tracks, city streets and politicians’ offices in support of Wet’suwet’en hereditary chiefs would react.

No details have been released about the deal to implement Indigenous rights and title in the territory through which the contested pipeline would run. After three days of talks that ended Saturday, representatives of the hereditary chiefs and the Indigenous relations ministers for Canada and British Columbia released a joint statement saying the parties had reached an arrangement to implement Wet’suwet’en rights and title, pending ratification by Wet’suwet’en clan members.

Mr. Horgan said the agreement is confined to questions of rights and title – and who holds those rights on behalf of the Wet’suwet’en.

“Where we want to be ... is forward-looking. How do we find a way forward so that we let Indigenous people determine who represents them, within that context, so that investment has a clear path, so that citizens have a clear path and political parties have a clear path as well,” he added.

The Coastal GasLink pipeline is opposed by some Wet’suwet’en hereditary chiefs, but backed by the federal and B.C. governments. Twenty elected band councils along the pipeline route have signed benefit agreements to work with the company. The conflict has triggered demonstrations that have resulted in port backlogs and snarled commuter traffic, and put a spotlight on how governments oversee resource development.

■ PIPELINE, A8

It’s Biden vs. Sanders as Democrats race toward Super Tuesday showdown

TAMSIN McMAHON
U.S. CORRESPONDENT
SAN JOSE, CALIF.

The Democratic primary has narrowed to a two-way race heading into a crucial Super Tuesday vote that pits front-runner Bernie Sanders against a resurgent Joe Biden, and with billionaire Michael Bloomberg facing the first test of whether voters have warmed to his self-financed campaign.

Mr. Sanders, 78, amassed an early lead in national polls after victories in Iowa, New Hampshire and Nevada. But in recent days, the party’s moderate wing lined up behind Mr. Biden. Pete Buttigieg, former mayor of South Bend, Ind., and Minnesota Senator Amy Klobuchar suspended their presidential bids and were set to endorse the former vice-president at a rally in Dallas on Monday night, just hours before voters in 14 states cast ballots.

As recently as last week, Mr. Biden, 77, was struggling to hit 15 per cent in polls in several Super Tuesday states, a crucial threshold needed to win delegates to support him at the nominating convention this summer. But he has surged after a re-

sounding victory in South Carolina on Saturday, earning him last-minute endorsements from several Democratic Party establishment figures, including former Senate majority leader Harry Reid. “Joe Biden’s strength of character and deep experience stand in the starkest contrast to Trump’s amorality, corruption and utter incompetence,” Mr. Reid said in a statement on Monday.

With more than a third of the available delegates up for grabs, Super Tuesday is the most important day in the Democratic primary, influencing later votes in battleground states such as Michigan, Florida and Ohio.

The shifting currents are playing out most intensely in California and Texas, which together choose nearly half the 1,357 pledged delegates to be awarded on Tuesday. Mr. Sanders held a double-digit lead in California heading into the vote, although Mr. Biden has jumped from a distant fifth into second place.

The narrowing of the field may also help Massachusetts Senator Elizabeth Warren, who was polling in third place in California.

■ DEMOCRATS, A3



ATEF SAFADI/ASSOCIATED PRESS

ISRAEL
Netanyahu holds edge in election, but is short of a majority, exit polls show ■ A7

CLIMATE CHANGE
Ottawa wants input from business, Indigenous leaders on plan to reach emissions targets ■ A5

REPORT ON BUSINESS
Bank of Canada faces pressure to cut interest rate amid coronavirus fears ■ B1

Coronavirus transmission inevitable in Canada, doctors say

CARLY WEEKS
HEALTH REPORTER

Local transmission of COVID-19 within Canada is inevitable, according to infectious disease experts who warn officials here are not moving fast enough to catch and control the spread of new cases.

“You can slow it down, but you can’t stop it,” said Michael Gardam, an infection prevention expert and chief of staff at Toronto’s Humber River Hospital.

“Local transmission is coming.”

Local transmission of the coronavirus is person-to-person spread within communities in Canada not related to travel to a part of the world experiencing an outbreak.

Dr. Gardam and others are sounding the alarm as officials in Washington State struggle to contain a COVID-19 outbreak that has so far killed six people after spreading undetected for weeks. The growing outbreak in the state is raising concerns about the ramifications for British Columbia, which is directly to the north. Researchers suggest COVID-19 has been circulating in Washington State for at least six weeks.

On Monday, B.C. Health Minister Adrian Dix said the situation in Washington State poses a serious challenge for the province.

The threat of local spread of COVID-19 in Canada is one of the key reasons why infectious disease experts are calling for more aggressive testing for the virus in communities.

Theresa Tam, Canada’s Chief Public Health Officer, said that some provinces, particularly B.C. and Ontario, are starting to test a wider sample of the population to detect possible community spread of the virus, including those who go to the hospital with flu-like symptoms even if they haven’t travelled outside of Canada recently.

It’s unclear which cities or hospitals are doing additional surveillance.

B.C. provincial health officer Bonnie Henry said Monday officials have added COVID-19 testing to the province’s existing influenza surveillance network, which means a broad array of patients will undergo screening for the coronavirus. B.C. is also checking all patients admitted to hospital with severe respiratory illness for COVID-19 if they have a negative flu test.

■ VIRUS, A10

UNPREPARED.

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MOMENT IN TIME

MARCH 3, 1838



The Battle of Pelee Island is depicted in a painting by J.C.H. Forster. FORT MALDEN, NATIONAL HISTORIC SITES OF CANADA

THE BATTLE OF PELEE ISLAND TAKES PLACE

Pelee Island, the southernmost populated point in Canada, is 42 square kilometres in the western half of Lake Erie, and is known for its migratory birds and winery. Worth fighting for? Apparently so on this date in 1838, when the Battle of Pelee Island pitted American supporters of William Lyon Mackenzie's rebellion against British forces and local militia. A week earlier, 300 Canadian and American patriots had left Sandusky, Ohio, walked across the frozen Great Lake and invaded the defenceless island. They destroyed property and seized livestock. The British commander in charge of Upper Canada's Western

District, Lieutenant-Colonel John Maitland, assembled a force to retake the island. On March 3, five infantry companies (126 men in all, including local militia and Indigenous people) left Amherstburg, Ont., at 2 a.m. Led by Captain George Browne, they marched across the ice to the southern side, arriving at daybreak. By 2 p.m., the fight was on, first with bullets, then fixed bayonets. The enemy was routed. Browne lost five men, the rebel supporters lost 11. Later, Maitland wrote of his dead soldiers, "they did not fall before an honourable enemy, but under the fire of a desperate gang of murderers and marauders." PHILIP KING

COLUMNISTS

ANDRÉ PICARD

OPINION



It shouldn't be left to the courts to decide which health services medicare covers ■ A13

JOHN DOYLE

OPINION



CBC's The Oland Murder has all the ingredients for a gripping true-crime docuseries ■ A17

ANDREW WILLIS

OPINION



The late superstar CEO Jack Welch, of General Electric fame, leaves a 'complicated legacy' ■ B4

CORRECTIONS

A Monday Report on Business column on climate change incorrectly said that road transportation accounts for more greenhouse gas (GHG) emissions in Canada than oil and gas extraction. In fact, road transportation is second to oil and gas.

A Monday news story on the U.S. Democratic race included an incorrect last name for Eric Manning, a pastor in Charleston.

Death toll from last week's New Delhi riots climbs amid false rumours of more violence

SHEIKH SAALIQ NEW DELHI

The death toll in India's capital from riots last week between Hindus and Muslims rose to 46, officials said Monday, a day after false rumours of new violence led to panicked calls to police in many parts of the city.

The riots in New Delhi began over a disputed new citizenship law, which led to clashes in which hundreds were injured and houses, shops, mosques, schools and vehicles were set on fire.

Tensions between Hindu hard-liners and Muslims protesting the Hindu-first policies of Prime Minister Narendra Modi's government had been building for months when the violence exploded a week ago Sunday, the eve of U.S. President Donald Trump's state visit to India.

Apart from a single tweet after the riots had almost ended, Mr. Modi has been publicly silent on the violence.

His powerful Home Affairs Minister, Amit Shah, has accused opposition parties of inciting the riots by spreading misinformation about the citizenship law, which fast-tracks naturalization for religious minorities from several neighbouring countries but not Muslims.

The rumours spreading on Sunday included reports of armed groups marching in neighbourhoods while chanting slogans, and houses being set on fire.

The panic subsided when police reached out to both Hindu and Muslim religious leaders and



Police detain Congress Party workers during a protest against last week's deadly riots in New Delhi on Monday. India's main opposition party on Monday demanded that Home Affairs Minister Amit Shah, who controls the city's police force, resign. MANISH SWARUP/ASSOCIATED PRESS

asked them to help maintain calm in their neighbourhoods. Police also issued statements and some lawmakers took to the streets to reassure people that the situation was normal.

On Monday, India's top court agreed to hear cases filed by riot victims accusing leaders of Mr. Modi's Bharatiya Janata Party of hate speech. Some of the victims accuse Kapil Mishra, a local leader of Mr. Modi's party who lost his Delhi state assembly seat in recent elections, of stoking the violence.

Mr. Mishra had demanded at a rally that police shut down a Muslim-led protest in the city or else he and his followers would do it themselves.

Hours later, Hindus and Mus-

lims fought each other with guns and swords, metal rods and axes, leaving the streets where the rioting occurred resembling a war zone.

The violence had largely subsided by Wednesday, but the Indian capital has remained on edge.

Most of the dead and injured were Muslims, with thousands fleeing their homes in fear.

The main opposition Congress Party on Monday demanded that Mr. Shah resign.

Mr. Shah controls the city's police force, which has been accused of aiding Hindu mobs in the clashes. Police have denied the allegations.

ASSOCIATED PRESS

Sanders’s foot soldiers face Super Tuesday test

Democratic front-runner has supporters out in force with aim of getting his message out before critical primary votes

ADRIAN MORROW
CHARLESTON, S.C.
TAM SIN McMAHON
SAN JOSE, CALIF.

Emmanuel Masson was a long way from his Ottawa home as he approached a blue clapboard bungalow in a leafy suburb of Charleston, S.C., one day last week.

The homeowner, a 53-year-old high-school teacher named Carl Calvert, greeted him in the driveway. Mr. Masson, a lanky 22-year-old with a shock of dirty blond hair, introduced himself as a canvasser for Bernie Sanders and struck up a conversation.

When Mr. Calvert mentioned his medical bills – US\$37,000 after an exploding gas can left him with serious burns to his legs – Mr. Masson saw his opening.

“Have you heard about Bernie’s Medicare-for-all plan?” he asked.

Mr. Calvert was impressed by the outreach.

“I’ve lived in this neighbourhood for 22 years and you’re the first person I’ve seen here with a political campaign,” he said.

People such as Mr. Masson are a ubiquitous presence on the campaign trail during the Democratic presidential primaries: enthusiastic volunteers for Mr. Sanders willing to journey across the country and, in some cases, over international borders to flood into key states. Unpaid and travelling on their own dime, they sometimes spend weeks



Supporters of Democratic presidential contender and Vermont Senator Bernie Sanders are seen in Durham, N.C., on Feb. 14. Unpaid and travelling at their own expense, volunteers for Mr. Sanders’s campaign sometimes spend weeks away from home rallying support for him. MELISSA GERRITS/GETTY IMAGES

away from home rallying support for the man promising revolutionary change in the United States.

These foot soldiers have helped vault the Vermont Senator into front-runner status. While Mr. Sanders came up short in South Carolina, finishing second to Joe Biden, he has won the most votes in all three of the other early-voting states.

On Tuesday, his volunteer army will face its greatest test so far. Fourteen states will vote simultaneously, including delegate-rich California, where Mr. Sanders currently leads the polls.

On Sunday, organizers put out a call for 300 volunteers to help out at a rally for Mr. Sanders in

San Jose. So many more than that showed up that the campaign had to turn people away.

“The numbers are just staggering. You just look at the crowds that come to his rallies. We just have to make sure they vote,” said Leslie Sexton, a 70-year-old retired union representative, who drove 4½ hours from her home in Dayton, Nev., to help out at the event.

Mr. Sanders’s campaign has used a horizontal organizing structure to co-ordinate volunteers taking “Bernie Journeys.” A portal on Mr. Sanders’s website directs people to priority canvassing locations in key states. There are also online spreadsheets to connect travelling vol-

unteers with locals willing to put them up and with carpools between cities. A Slack channel allows people to team up to share housing and transportation. Organizers use nightly webinars to brief volunteers and answer questions.

Angie Rhoten, a stay-at-home mother from Albuquerque, N.M., travelled first to Iowa to serve as a precinct captain for Mr. Sanders at a caucus. Then, she went to South Carolina to canvass. Next, she’s headed to Louisiana, which votes on April 4.

The 49-year-old rhymed off several personal reasons she was backing the Senator. Ms. Rhoten’s husband is a veteran of the Iraq and Afghanistan wars with

post-traumatic stress disorder, her daughter is a single parent with US\$26,000 in university debt and her daughter’s boyfriend is an immigrant from Mexico.

“I’ve never seen a movement like this. Other campaigns don’t have this sort of energy,” she said.

Dan Escandola, a 41-year-old airline pilot from New York who was canvassing the same suburb as Mr. Masson, said Mr. Sanders’s commitment to essentially the same agenda since the 1960s was a powerful motivator.

“I really appreciate how consistent Bernie has been for so long,” he said. “It’s sad that we’re such a powerful, rich country and we don’t provide for everyone.”

Mr. Escandola has been able to fly at no cost between campaign stops, thanks to a perk of his job. A more common trajectory is Mr. Masson’s.

A Regina native who graduated from the University of Ottawa in December, Mr. Masson decided to join Mr. Sanders’s campaign after seeing an Instagram post from him calling for volunteers. Mr. Masson took a bus to New Hampshire and split a motel with another volunteer he met on Slack. After that, he got a ride to New York and bused down to South Carolina. Next, he was catching a lift to Florida with another supporter who was also putting him up in Orlando.

The United States isn’t his country, but he feels a stake in the result.

“If they make college free in the U.S., like Bernie is proposing, that would put pressure on Canada to do it as well. The current President doesn’t believe in climate change; that matters for all of us,” he said. “U.S. politics affect the whole world.”

Fewer boys born in Ontario after Trump election win, study suggests

IVAN SEMENIUK
SCIENCE REPORTER

Donald Trump’s election victory was a seismic shift in the U.S. political landscape and, for some, a source of uncertainty and stress that extended beyond the United States. But was it enough of a shock to temporarily lower the ratio of boys to girls born in Ontario?

That’s the surprising question raised by a pair of researchers at Mount Sinai Hospital who said they have found evidence for precisely such an effect in provincial birth records – an effect not experienced in conservative-leaning regions.

Ravi Retnakaran, a clinical scientist who led the study, said the team’s findings are in keeping with a series of published papers that link sudden and traumatic events, such as mass shootings and terrorist attacks, to changes in sex ratio. That Canada is a different country than the one that elected Mr. Trump in November, 2016, does not mean that its population was immune to his unexpected victory.

“The issue is whether it was seen as an adverse societal event,” Dr. Retnakaran said.



Then-presidential nominee Donald Trump holds a pair of babies in Castle Rock, Colo., after a campaign stop in 2016. JOE MAHONEY/GETTY IMAGES

In their study, published Monday in the British Medical Journal, the Mount Sinai researchers present evidence that it was. Specifically, they show that the sex ratio of Ontario newborns shifted around March, 2017, when fewer boys than would typically be expected were born relative to girls. The timing of the deficit is what would be expected if pregnant women in the province experi-

ence elevated stress levels four months earlier, during a critical window in prenatal development when male fetuses are thought to be more at risk than females to environmental influences. The disparity lasted for three to five months.

Steven Orzack, a population biologist with the Fresh Pond Research Institute in Cambridge, Mass., said the finding should be

interpreted with caution, saying sex ratio studies have produced controversial results in the past. However, he did not discount the possibility that the study may have uncovered something more than a random blip in the data.

“It’s hard to know whether the association they describe is worthy of attention,” he said, adding that the biological significance of the results “depends in part on interpreting them in light of all analyses, not just those revealing an association between the sex ratio and stress.”

Dr. Orzack said there was a need for more systematic scientific reporting of stressful events and their possible influence on the human sex ratio because analyses that show no influence are likely to be under-represented in the literature.

Dr. Retnakaran, a clinical scientist who specializes in diabetes, said the investigation was something of a side project for his lab. It was prompted by his experience on Nov. 9, 2016, the day after the U.S. presidential election, when everyone he saw around him was reacting to the outcome. Because he was aware of earlier research on adverse events and sex ratio, he wondered if the election might leave a similar mark.

The study is a statistical analysis that draws on Ontario birth records from 2010 to 2017 to demonstrate that something unusual may have been happening in the aftermath of the 2016 election. The team also looked at regional differences across the province and found the impact on newborn sex ratio did not show up in federal ridings that voted Conservative in the preceding Canadian election the year before, which could mean that political differences played a role in the effect.

Robert Catalano, a professor of public health at the University of California Berkeley has published research linking the 9/11 terrorist attacks to sex ratio shifts in the state and, more recently, showing Mr. Trump’s election coincided with an increase in preterm births among Latina women in the United States. He said the Mount Sinai study added support to the body of evidence that human sex ratio can be affected by adverse events, though he expressed surprise at the cross-border nature of the phenomenon.

“Why is it that the election of Donald Trump in the United States would show up in the biology of Canadian women?” he mused. “That’s a more profound question.”

Democrats: Biden’s resurgence has complicated Bloomberg’s campaign

■ FROM A1

Mr. Biden and Mr. Sanders are running neck-and-neck in Texas.

Still unknown is whether former New York mayor Michael Bloomberg can turn a multimillion-dollar ad campaign in Super Tuesday states into a big win among moderate Democrats not yet sold on Mr. Biden’s political comeback.

“If his strategy of overwhelming all of the other candidates financially is going to play well, it’s going to play well in a state like Texas, where you really do need a lot of money to compete effectively and where our Democratic primary voters are significantly more conservative,” said political scientist Mark Jones of Rice University in Houston.

In the days before the vote, candidates and their surrogates campaigned across California, whose 415 pledged delegates are the key prize on Super Tuesday.

“The candidate who wins here in California will likely be the Democratic nominee,” Mr. Sanders told 9,500 supporters in downtown San Jose on Sunday.

In a nod to Mr. Biden’s resurgence campaign, Mr. Sanders took



A child stands with his mother as she votes in the California presidential primary election in Sacramento on Monday. GABRIELA BHASKAR/REUTERS

rare shots at his long-time Senate colleague. “Joe Biden is a friend of mine,” he said, before attacking Mr. Biden for supporting the war in Iraq, “terrible trade agreements like [the North American free-trade agreement],” and cuts to social services. “We’ve got to be honest and we have to say: Which campaign can beat Trump?”

Standing in the crowd in a homemade shirt that read “Bernie Bro,” tech worker Max Caldwell said he was attracted to Mr.

Sanders’s extremely left-wing views. After supporting Hillary Clinton in 2016, Mr. Caldwell decided moderate Democrats had no path to victory in the Trump era. “We just keep losing to more abrasive leaders, people who are willing to advocate in a way that is a little bit more anti-establishment,” he said. “So the fact that he’s trying to make the party more extreme, that’s what I find appealing.”

But Mr. Sanders will have to

contend with a rapidly consolidating moderate wing that appears to be reviving Mr. Biden’s campaign. Speaking to Biden supporters at a women’s co-working space in San Francisco’s tony Marina district on Friday, Jill Biden said her husband stands the best chance of uniting Democrats and appealing to swing voters.

“Joe can beat Trump. If you look at the polls, he’s beating him in Pennsylvania, Ohio, Wisconsin and Michigan,” she said. “Joe can win those states. Joe can lead the ticket of moderate Democrats.”

She found a receptive audience among the crowd of professionals, many of whom said they had turned to Mr. Biden after California Senator Kamala Harris dropped out of the race.

Several were drawn to Mr. Biden because they feared that in other states, Mr. Sanders would alienate moderate voters, who might vote Republican in key Congressional races. “Even if we win the presidency, if we lose the House and we cannot improve the Senate, we’re hosed for another four years,” said Angela Solleder, a nurse practitioner in San Francisco. “That’s it. I’m going for Biden.”

Mr. Biden’s rise has complicated the path forward for Mr. Bloomberg. The founder of financial data and communications firm Bloomberg LP has positioned himself as the more electable of the two moderates, hoping massive advertising spending can offset rocky debate performances.

“With every plan that he has, he has a way to pay for it,” Mr. Bloomberg’s long-time girlfriend, Diana Taylor, told a recent gathering of the country’s largest Democratic Club in Rossmore, a sprawling retirement community east of San Francisco. “He is practical. He is all about getting things done that are doable and having plans for where you want to get.”

Mr. Bloomberg’s track record as New York mayor appealed to Rossmore resident Wendy Prufer, who cast an early ballot for him. “He’s the only one who can beat Trump,” she said. “They’re both very wealthy men. They know each other.”

Sitting beside her, neighbour Lorraine Gousman wasn’t convinced. “I’m so confused,” she said. “I’ve never been confused like this. For me, I just want a candidate that can beat Trump.”



A Turkish military convoy is seen parked near the town of Batabu, on a highway linking Idlib to the Syrian Bab al-Hawa border crossing with Turkey on Monday. AAREF WATAD/AFP/GETTY IMAGES

Turkey to continue offensive as Syrians enter rebel stronghold

ORHAN COSKUN ANKARA
SULEIMAN AL-KHALIDI AMMAN

Syrian government forces entered parts of a strategic rebel-held town on Monday, and Turkey said it would keep hitting President Bashar al-Assad's troops after ramping up operations in its biggest intervention yet into the Syrian civil war.

Turkey and Russia, which have come closer than ever to direct confrontation in Syria in recent days, traded threats over air space after Turkish forces shot down two Syrian government warplanes and struck a military airport.

Fighting has escalated dramatically in recent days in north-western Syria, where Turkey has sent thousands of troops and military vehicles in the past month to counter Syrian government forces' advances in the final remaining bastion held by rebels.

A million people have been displaced since December near Turkey's southern border, causing what the United Nations says may be the worst humanitarian crisis in nine years of war.

A Syrian state television correspondent in the town of Saraqeb

said the army was combing the town after the retreat of Turkey-backed rebels. Rebel sources said clashes were continuing in western parts of the town. The Syrian Observatory for Human Rights monitor group said rebels were trying to regain control.

Saraqeb has already changed hands twice in less than a month, reflecting its importance as a gateway to the government-controlled northern city of Aleppo and to rebel-held Idlib to the west.

Rebels said Turkish drones had been striking Syrian army positions on the Saraqeb front line, hitting at least two rocket launchers. Turkey's Defence Ministry said one of its soldiers was killed and another wounded in shelling by Syrian government forces in Idlib on Monday.

Turkey, which has backed rebels fighting Mr. al-Assad for much of Syria's nine-year civil war, stepped up its intervention in response to the killing of 34 Turkish soldiers in Idlib last week, the deadliest strike against the Turkish army in decades.

On Sunday, it shot down two Syrian planes in Idlib and struck at least one military airport in Aleppo province, taking the battle deep into territory controlled

by forces loyal to Mr. al-Assad.

"The [Syrian] regime's human and equipment losses are just the beginning," Turkish President Recep Tayyip Erdogan said in a speech in Ankara. "If they do not withdraw to the borders Turkey has determined as soon as possible, they will not have a head left on their shoulders."

More than 10,000 migrants, mostly from Syria, other Middle Eastern states and Afghanistan, have reached Turkey's land borders with EU states Greece and Bulgaria since Ankara said last Thursday it would stop keeping them on its territory.

Farther south, at least 1,000 migrants have reached Greece's eastern Aegean Islands since Sunday morning, Greek police said.

"This is an invasion," Development Minister Adonis Georgiadis told Skai TV.

The surge, which has led to Greek and Turkish police firing tear gas into crowds caught in the no-man's land between the two borders, has revived memories of the 2015-16 refugee crisis, when more than a million people arrived in Europe from Turkey.

REUTERS

Violin teacher who sexually abused young female students receives eight-month prison sentence

ZOSIA BIELSKI

Sitting in court on Monday for the sentencing of her violin teacher on 28 convictions for sexual offences, A.S. wore a school photo of herself in kindergarten pinned to her blazer. The small, faded photograph showed a blonde child, placidly smiling in a pale blue dress with frills.

A.S. was five years old when she began violin lessons with Claude Eric Trachy, a retired teacher in Chatham, Ont., convicted on appeal last summer of sexually abusing 20 of his young female students over two decades starting in 1971.

"We were children. That gets lost when 30 years have passed," said A.S., who was sexually assaulted by the teacher from the time she was 11. "The photo was meant to represent how young I was when he came into my life as an authority figure, to show how easy it would be for an educator to groom someone to sexually abuse them in the coming years."

On Monday, Ontario Superior Court Justice Jonathon George sentenced Mr. Trachy, 75, to eight months in jail, a time frame that fell short of the five-year sentence the Crown was seeking and distressed some of the victims and family members in the Chatham courtroom.

Justice George said several aggravating factors played into his sentencing decision: the victims were children, the teacher abused his position of trust and the harms were significant, as heard in victim impact statements read aloud in court last month. At the same time, the judge noted Mr. Trachy's age, saying his risk of re-offending "is nil."

Justice George acknowledged that the eight-month sentence "may come across as trivializing the suffering and pain and embarrassment you the victims will have surely felt," but asked the women not to treat it as a "reflection of them or their suffering."

Many of the victims, whose names are protected by a publication ban, were 12 when the teacher instructed them to practise violin topless and touched their breasts with his hands or with a ruler. Mr. Trachy testified he was measuring girls so their violin shoulder rests would fit properly.

A.S. took weekly lessons with Mr. Trachy throughout her childhood until she graduated high school. "I'd grown up with him," she said. The lessons took place in private at Mr. Trachy's home. "It was in the basement, in a small, windowless room," A.S. said. "His wife was upstairs, and his kids."

From behind his desk, Mr. Trachy watched her play topless, A.S. said. The observations happened monthly, as did the touching, she said. "He had all sorts of rulers and tape measures and would fondle my breasts."

As a teenager, A.S. came to understand that her teacher's behaviour was wrong but feared the moment had passed to speak up: "In my mind, I had permitted it this entire time. So how could I challenge him now?"

The abuse went on for seven years until A.S. moved away for university. When police contacted her in 2015 about an investigation into her former teacher, A.S. gave a statement. "I felt that it was time he was held accountable," said A.S., who is now a writer.

Another student had filed a sexual-assault complaint against Mr. Trachy that year, giving police the names of other girls who'd taken lessons with him. After an investigation, Chatham-Kent police laid 44 charges involving 21 victims, said Sergeant Shawn Mungar, investigative lead on the case.

At trial, Superior Court Justice Thomas Carey acquitted Mr. Trachy on all charges, siding with the teacher's account that he was not motivated by a "sexual purpose."

Three Ontario Court of Appeal judges overturned 28 of those 44 acquittals last July. In the case of one victim, the judges set aside the acquittals on sexual assault and indecent assault and entered a stay, writing that the woman was an adult at the time "and there is an issue with respect to consent." The trial judge erred in the law, they ruled, when he hinged the case on Mr. Trachy's motivations but overlooked the sexual nature of his behaviour and "the position of trust between the child-students and their teacher."

E.P. began viola lessons at Mr. Trachy's home when she was in high school.

The teacher instructed her to play with her shirt open and her torso exposed, touching her naked breasts and nipples. Although this made her deeply uncomfortable, E.P. said she tried to trust her teacher's authority. "I was taking him at his word," she said. "I was quiet and stared straight ahead and just endured it."

After a year and a half, E.P. quit. In university, she resumed with a different teacher and was struck that there was no invasive measuring. The realization that she had been violated left E.P. with persistent feelings of shame – "that sense of naiveté, of being gullible, of being taken advantage of," said E.P., who is now 55 and works for the federal government.

E.P. confided in her husband and sought support from her pastor when she learned that Mr. Trachy had continued teaching children after he was found guilty of sexual exploitation against two other female students in 1993. (Mr. Trachy has maintained that he stopped measuring girls this way after being charged in 1991; he was pardoned in 2005 and retired from teaching in 2009.)

After the judge imposed his sentence on Monday, Mr. Trachy rose, turned around to his wife, son and daughter and offered a slight wave.

The victims and their families – nearly 30 people filling the courtroom – watched as the former teacher was handcuffed.

"The physical action of watching him be handcuffed in a completely silent room and all you can hear was his handcuffs attached to him, that was something that I never thought I would see," A.S. said.

At the same time, she said the eight-month sentence is not enough to deter other perpetrators. "I don't feel that this amount of time sends a message that we're taking victims of sexual assault seriously yet," A.S. said.

Other women said they were satisfied with the sentence. A.G., who was 12 when the touching began, said Justice George denounced the teacher's abuse and "did acknowledge the disastrous effect on many people's lives."

Defence lawyer Kenneth Marley said he does not plan to appeal the sentence. "For some time now, the Trachy family's been seeking some end to this legal odyssey."

Many of the victims, whose names are protected by a publication ban, were 12 when the teacher instructed them to practise violin topless and touched their breasts with his hands or with a ruler. Mr. Trachy testified he was measuring girls so their violin shoulder rests would fit properly.

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Low-carbon economy means ‘big adjustment’: PM

Trudeau tells mining conference Ottawa will seek industry input on transition framework

BILL CURRY
MARIEKE WALSH OTTAWA

Prime Minister Justin Trudeau said the government is asking business and Indigenous leaders for advice as it crafts a plan for achieving its 2030 and 2050 emissions targets.

Mr. Trudeau said in his speech Monday to a mining conference in Toronto that the government will be seeking input “in the coming year” on how Canada should transition to a low-carbon economy.

Business and environmental groups alike have taken issue with the slow pace the Prime Minister has set for overhauling his government’s climate-change plans, but Mr. Trudeau’s speech did not indicate a desire to move any faster.

During last year’s campaign, the Liberals acknowledged they didn’t have the full plan for reaching net-zero emissions by 2050, saying they first needed to win the election. More than four months after their re-election, they are just starting to decide on the consultation framework that will lead to an updated climate plan.

Mr. Trudeau’s speech Monday addressed the broad theme of an economy in transition, pointing out that Larry Fink, CEO of the world’s largest asset manager, BlackRock Inc., announced this year that the company will be placing climate change as a key factor in its investment decisions.

“Larry acknowledged that climate change is fundamentally reshaping finance, just as it is caus-

ing companies, sectors and entire countries to reassess their core assumptions about what tomorrow holds,” Mr. Trudeau said.

“Our government recognizes that moving towards a low-carbon economy is a big adjustment for many industries, including yours. This transformation won’t happen overnight,” Mr. Trudeau said, adding Ottawa will help the industry through the changes.

The Prime Minister delivered his speech only three days after the House of Commons finance committee called for action on sustainable finance as a key pre-budget recommendation.

The committee called on the government to act on recommendations from last year’s Expert Panel on Sustainable Finance, led by former Bank of Canada deputy governor Tiff Macklem. The panel said sustainable finance – in which business leaders incorporate environmental and social factors into their decisions – can help accelerate the move to a low-carbon economy.

The panel urged the federal government to establish that the fiduciary duty of money managers to their clients includes a review of climate-change risks. It also called for climate-change factors to be incorporated into the regulation of Canada’s financial system.

During the federal election, the Liberals promised to reach net-zero emissions by 2050. The plan included striking an expert panel, legislating interim five-year emissions targets and surpassing Canada’s 2030 emission-reduction targets.

In an open letter to Finance Minister Bill Morneau on Monday, the Canadian Chamber of Commerce again called on Ottawa to act urgently and said the government should use the coming budget to outline a balance between climate policy and eco-



Prime Minister Justin Trudeau addresses the audience at a mining conference in Toronto on Monday. FRED LUM/THE GLOBE AND MAIL

nomie development.

Teck Resources Ltd. put a spotlight on the lack of a plan last week when it pulled its proposed Frontier oil sands mine, citing a lack of clarity from Ottawa on how resource development will fit into the country’s climate change plan. A recent wave of protests in support of Wet’suwet’en hereditary chiefs who oppose a pipeline through their traditional territory in northern British Columbia has also highlighted tensions between resource development and unresolved Indigenous land claims.

Pierre Gratton, president of the Mining Association of Canada, said Mr. Trudeau’s speech sent a “positive message” to the mining sector. Mr. Gratton said that many of his group’s members are committing to net-zero “knowing they don’t have all the answers.”

Not everyone wants Ottawa to move faster, though. Felix Lee, president of the Prospectors & Developers Association of Canada, said he was encouraged by Mr. Trudeau’s speech but called the government’s climate goals “quite aggressive.”

“You might argue that perhaps we’re charging along too quickly,” Environment Minister Jonathan Wilkinson recently acknowledged the mounting pressure on his government to provide more information on climate policy so businesses can adequately plan. But he said the consultations for the new climate plan will only start by the summer and likely continue into next year.

Last week, the Business Council of Canada and the Canadian Chamber of Commerce both said those consultations should start sooner.

Including Indigenous people in the process must go beyond consultation and include Indigenous people in the eventual

plan’s execution, said JP Gladu, the chief executive of the Canadian Council for Aboriginal Business. He said that Indigenous people are engaged on all sides of the issue. For example, some groups are considering buying a stake in the Trans Mountain pipeline expansion while others are managing natural carbon sinks.

Ryan Riordan, director of research at Queen’s University’s Institute for Sustainable Finance, said he found Mr. Trudeau’s comments “heartening” and said the government should act on sustainable finance, including requiring companies to disclose how they are addressing climate change.

Prof. Riordan acknowledged that while there is political debate about how to proceed, corporate leaders are generally supportive of clear environmental rules.

“I think the best way to address that is to listen to the actual people that are running large energy firms in Canada,” he said.

Some specific environmental measures are expected to be announced in the 2020 federal budget, which the Finance Minister has said will focus on climate change.

The finance committee’s pre-budget recommendations hint at Liberal priorities. In addition to action on sustainable finance, the report calls for increased spending on rapid charging stations for electric vehicles.

Liberal MP and finance committee member Julie Dzerowicz said she views the call for action on sustainable finance as the most important of the pre-budget recommendations.

“I think we’re very serious as a government in terms of moving to net-zero by 2050 and achieving our Paris accord targets,” she said.

With a report from Laura Stone

Industry getting restless waiting for Trudeau to make next move on climate change

CAMPBELL
CLARK
OPINION
OTTAWA



Justin Trudeau’s speech seemed like it was designed to make his listeners impatient.

It is Year 5 of a Liberal government led by a prime minister who has always preached (a) that Canada must get its resources to market, (b) resource development must be done in an environmentally sustainable way and (c) the two things must go together.

Yet there was Prime Minister Trudeau delivering a speech to the Prospectors & Developers Association of Canada, at their big mining confab in Toronto on Monday, telling the crowd that the future is developing resources in a sustainable way – and the Liberal government will be consulting business, Indigenous communities and others on how that should work.

Consultation is good, sure, but it makes you wonder when the government will get on with it – whatever it is.

The tone made it sound as if the Liberal government is still at square one. And it didn’t offer a map to square two.

Canada’s business community and resource sector have been calling for clarity. This wasn’t it. Or even a hint of what it might be.

Just over a week ago, Teck Resources Ltd. withdrew a proposal for a major oil sands project, arguing governments need to agree on how resource policy will work.

The Frontier project wasn’t going to be built any time soon, because oil prices are not high enough to make the investment worthwhile. But the company’s warning was not wrong.

When Mr. Trudeau addressed the resource community post-Frontier, his response didn’t clarify anything.

Was he trying to reassure investors that Canada’s resource sector is still open for business, as long as it is environmentally responsible? Or warn them that they will have to be environmentally responsible if they want their business to stay open? Maybe both.

Certainly, he argued that Canada is a great place to invest, and said the government wants to be the resource industry’s partner. He held out the promise that an innovative, sustainable Canadian resource industry would bring “a future where Canada is the best place in the world to invest.” That’s certainly a message the mining industry would want to hear. And Mr. Trudeau promised to extend a tax credit for emission-free mining trucks.

He also said investors are starting to rewrite their strategies to recognize “climate change as a defining factor” in a company’s success. The mining industry already gets that, he asserted. But it is going to be a big adjustment for many industries, he said. Canada has to adapt.

So what next?

Well, Mr. Trudeau said, Canada needs to build a consensus.

“Soon, we will be launching pathways so Indigenous people, industries and all citizens can inform Canada’s clean transition,” he said.

Setting aside the mixed metaphor of “launching pathways,” it’s hard to discern where either the launch or the pathway is supposed to be headed. The search for clarity continues. But Mr. Trudeau still sounds as if he is starting out.

To be fair to Mr. Trudeau, there are still other players he is trying to bring into some kind of general agreement.

In Canada, a lot of natural-resource and environmental policy is under provincial jurisdiction. There isn’t going to be clarity for potential oil sands investors until Alberta and Ottawa agree on some basics of how greenhouse-gas emissions would be addressed, such as the cap on oil sands emissions that the former NDP government legislated but that hasn’t yet been implemented. And the recent blockades

show there isn’t a First Nations consensus on how resource projects should be approved.

Nevertheless, it was disconcerting to hear Mr. Trudeau sound as though he is preparing Step One.

There is supposed to be more coming. The government might act on the report of a group of experts on sustainable finance, in an effort to channel investment into clean technology and clean

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Yu Aijun, seen in Surrey, B.C., on Monday, said her husband David Zhao left Canada for Beijing on Jan. 13. But two weeks later, Ms. Yu was informed by RCMP that her husband had died in his company's apartment in Beijing. RAFAL GERSZAK/THE GLOBE AND MAIL

Woman seeks autopsy after husband dies in China

David Zhao's cause of death was declared 'sudden,' but his wife suspects it was related to the coronavirus as he was healthy when he left Canada

XIAO XU VANCOUVER

The wife of a Canadian who travelled to Beijing in January and died there is desperate for help from the federal government to find out whether her husband succumbed to the coronavirus.

David Zhao's official cause of death was "sudden," possibly a heart attack, his wife said. But Surrey resident Yu Aijun said she suspects his death was related to the coronavirus epidemic in China because he was healthy when he left. She said his colleagues have told her he was coughing and exhibiting other flu symptoms days before he passed away.

Ms. Yu, a mother of two, said she wants an autopsy and has been asking for help with that request from Canadian officials, but she said so far, who could help her get the report and when the test can be done are still leaving the family in confusion.

"We all don't know how dad died, and I can only tell [my children] that dad is with God now. I cannot tell them a cause," she said.

Ms. Yu said her husband, 57, departed Canada for Beijing on Jan. 13. But two weeks later on Jan. 23, Ms. Yu was informed by RCMP that her husband had died in his company's apartment in Beijing. Global Affairs Canada soon told Ms. Yu through an e-mail, viewed by The Globe and Mail, that Chinese police excluded criminal activities as the reason for his death and their preliminary assessment was "sudden death for natural reasons."

But Ms. Yu raised her doubts. "David's boss and colleagues are all from Wuhan, Hubei. The company has close business relationship with Wuhan

on daily basis," she stated in a letter via e-mail. "David was experiencing coughing, vomiting, diarrhea, those are similar symptoms with Covid-19 infection," the letter reads.

The last time the couple chatted online was Jan. 19, and Mr. Zhao didn't mention any health issues.

Ms. Yu started to ask for Canadian authorities' help at the end of January to apply for an autopsy, but the back-and-forth e-mail exchanges between the two parties for about a month indicate getting the test done in China would be difficult.

Global Affairs said in an e-mail to her on Jan. 30 that they would send her request to the Canadian Embassy in Beijing and ask the Chinese authorities to provide them with the autopsy report. But a day later, a member with the ministry stated in an e-mail that they were told by the Canadian Embassy the request must come from her or the family. The e-mail suggests she authorize a family member or a third party (funeral home) to handle the aftermath.

Ms. Yu explained that her family members in China are aged and given the epidemic in China with travel restrictions, no relative could help. She and her two children – 11-year-old daughter and 13-year-old son – decided not to risk travelling to China at this moment as well. Ms. Yu eventually appointed Roseates Funeral Home to represent her. However, the funeral home told her they still need Canadian officials to initiate the request with the Chinese authorities.

Global Affairs Canada didn't clarify whether they would get the report for the family, but said Canadian consular officials in Beijing remain in contact with local authorities to assist with the request for a postmortem examination.

"Proper authorization from a subject's next of kin or designate must be provided to Chinese authorities in order to request

a post-mortem examination. Upon receipt of a complete request, a decision and further action by Chinese authorities could take one to two months," Global Affairs Canada spokeswoman Natasha Nystrom said in an e-mail.

The funeral home told Ms. Yu in an e-mail that Chinese police considered Ms. Zhao's death as a "non-criminal case" so that they do not require an autopsy. It says, however, it's Ms. Yu's right to opt for one.

On Thursday, the funeral home sent her another e-mail, saying it was still unclear whether the Chinese authorities would agree with an autopsy. It says Mr. Zhao's remains have been sent to a funeral home in Beijing, which "illustrates their suggestion to have the body cremated at the soonest (as they do for Chinese citizens)."

According to e-mails from Global Affairs Canada to Ms. Yu, they too are unclear which authority in China could perform such test.

On Feb. 12, Global Affairs Canada said in an e-mail that a Chinese police officer asked Ms. Yu to specify why the family requested the autopsy, whether it is to find out the cause of death or whether it is to confirm if he died of COVID-19. It says the officer explained that if it's the former, the autopsy will be conducted in a forensic centre and it's the latter, it will be the Disease Control Centre to do a medical examination.

But a Feb. 17 e-mail from Global Affairs said the answer still remained unclear.

A spokesperson with the Chinese Consulate-General in Vancouver said in an e-mail Monday they advise Ms. Yu "to seek assistance from relevant Canadian authorities."

The Chinese embassy in Ottawa said it's not familiar with the case.

For Ms. Yu and her family, they feel helpless and desperate. "From day one, I just want to know how my husband died."

The funeral home told Ms. Yu in an e-mail that Chinese police considered Ms. Zhao's death as a 'non-criminal case' so that they do not require an autopsy.

Alberta offers \$100-million loan to accelerate cleanup of orphan wells

EMMA GRANEY
ENERGY REPORTER

The industry-funded body responsible for cleaning up Alberta's abandoned oil and gas wells is getting another \$100-million loan from the provincial government, bringing the total taxpayer backstop of the Orphan Well Association (OWA) to \$335-million.

The association said the latest loan would help it double its workload to clean up 1,000 extra wells on private land this year, mostly in the southern part of the province. The government said that will create 500 jobs in a sector that has routinely shed employment since 2015, ever since the price of oil tanked and sector investment fled Canada.

The problem of orphan wells has plagued Alberta. When companies go bankrupt, any wells not sold by their trustee will end up under the control of the OWA.

Around 6,500 orphaned sites currently dot the province, waiting for the OWA to clean them up and return the land to pre-drilling condition. In five years, the association's total expenditures on decommissioning wells and pipelines and reclaiming

sites jumped to \$94.4-million from \$16.6-million.

Alberta Premier Jason Kenney and Energy Minister Sonya Savage formally announced the interest-free \$100-million loan Monday at a well-servicing company outside Edmonton, although the cash was included in last week's budget.

It comes less than three years after Alberta's then-NDP government handed over \$235-million under a similar plan to accelerate reclamation of abandoned oil and gas wells, create 1,650 jobs and reduce the environmental risks of abandoned wells.

That loan had a 10-year payback period, which the industry planned to cover by doubling the levy it pays to the OWA. Energy officials told The Globe and Mail the association paid back \$5.5-million in 2019, with \$18-million scheduled for this year and \$30.1-million for 2021.

Lars DePauw, executive director of the OWA, said Monday the number of wells the

association cleans up this year will be "a dramatic increase" that will be close to the number of wells reclaimed over the past two years.

Ms. Savage said Monday the loan supports Alberta's polluter-pays principle – which makes oil and gas companies responsible for cleaning up their messes – and will significantly decrease the number of orphan wells across the province.

It's just one of the tactics the United Conservative government has deployed to try and turn the tide on growing oil and gas liabilities.

Ms. Savage said her government will soon unveil a suite of policies to address the entire life-cycle of wells, from licensing to operations and production, through to abandonment, reclamation and post-closure of sites.

She said the new rules will improve OWA operations, giving it more flexibility in the ownership, control, sale and management of its inventory of orphaned wells so it can be more efficient.

Company apologizes for decal appearing to depict Thunberg

LAUREN KRUGEL CALGARY

An Alberta energy services company says its management accepts full responsibility for a decal the business distributed bearing its logo beneath a sexually suggestive cartoon appearing to depict 17-year-old Swedish climate activist Greta Thunberg.

"This does not reflect the values of this company or our employees, and we deeply regret the pain we may have caused," X-Site Energy Services said in a statement on its website Monday.

The sticker had a black-and-white drawing of a female figure's bare back with hands pulling on her braided pigtails. The name "Greta" was written below. The company's logo was under the drawing. The image unleashed a torrent of outrage after it began circulating online Wednesday. It prompted condemnations from Alberta Premier Jason Kenney, provincial cabinet ministers and members of the House of Commons.

"We are taking action to condemn this image and its publication and are committed to recovering and destroying the decals we distributed," X-Site's statement read. "Management accepts full responsibility and, effective immediately, has made organizational changes to reflect this."

A call to Doug Sparrow, who was listed as X-Site's general manager last week, went straight to voice mail and he did not immediately respond to a message seeking further clarification. X-Site's 24-hour dispatch number was directed to Mr. Sparrow's voice mail. An e-mail to Mr. Sparrow was not immediately returned.

In August, 2016, a tattoo artist in Argentina posted on his Instagram feed an identical drawing to the one used in the decal. German Canalla's drawing didn't have the word "Greta" written on it.

He said he didn't give permission for his drawing to be used and he's angry.

"Most of my work is about erotic situations, sex and bdsm (bondage, discipline, sadism and masochism)," Mr. Canalla wrote in an e-mail Monday.

"My primal idea is consent, respect and above all, love. What they did is archaic, retrograde and misogynist. I'm ashamed of what they did with my work," he said.

Michelle Narang of Rocky Mountain House, Alta., said last week that a friend sent her a picture of the decal and told her they were being handed out at job sites. She said the image was so jarring and hurtful that she cried.

Ms. Narang said she called Mr. Sparrow on Wednesday and he told her he was aware of the stickers being distributed and that he stood by them. Ms. Narang said Mr. Sparrow told her: "She is not a child. She is 17."

Mr. Sparrow later denied responsibility in an interview with Calgary radio station 660 News.

"It's not from X-Site or any employee. Someone has done this. That's all I know," he said.

X-Site's statement does not make clear who made the decals, whose decision it was to hand them out and what the "organizational changes" entail. It adds that "other parties" have been making more images with X-Site's logo, but did not elaborate.

"These have nothing to do with our company, and we ask for everyone's help in taking them and the original decal out of circulation and hope people will stop republishing these images."

X-Site said it is discussing a code of conduct with its employees and that it will hold sessions on respect in the workplace with all staff.

"We have let our employees, our families and our customers down with this careless action. But just as we are committed to help reduce our industry's environmental footprint, we are committed to learn from and correct our mistake," it said. "We will do better."

The RCMP reviewed the decals, but determined that, while "distasteful," they did "not meet the elements of child pornography."

Ms. Thunberg has made headlines for her passionate pleas to world leaders to take tougher action on cutting greenhouse gas emissions and for inspiring large climate marches around the world.

Polls show Netanyahu ahead, but short of majority

Likud Party and its allies projected to get 59 seats in election held before PM's corruption trial

ARON HELLER JERUSALEM

Israeli Prime Minister Benjamin Netanyahu held an edge over his main rival in Israel's third election in under a year, exit polls indicated Monday night, but it was unclear whether he could clinch the parliamentary majority needed to claim victory.

Exit polls on Israel's main TV channels showed Mr. Netanyahu and his nationalist and religious allies winning 59 seats, two short of a parliamentary majority. The centre-left bloc, led by former military chief Benny Gantz, was projected to win 54 to 55 seats. Earlier projections had forecast 60 seats for Mr. Netanyahu and his allies, putting him on the cusp of victory.

If the official results from Monday's election match the exit polls, Mr. Netanyahu could find himself stuck in continued political deadlock ahead of his trial on corruption charges, set to begin March 17.

Mr. Netanyahu, the longest-serving leader in Israeli history, has been a caretaker prime minister for more than a year as a divided country has weathered two inconclusive votes and prolonged political paralysis. With pre-election opinion polls forecasting another deadlock, Mr. Netanyahu had sought a late surge in support to score a parliamentary majority along with other nationalist parties for a fourth consecutive term in office and fifth overall.

He appeared to get it in the form of a surprisingly high turnout despite the weariness accompanying the second repeat election.

Mr. Netanyahu tweeted a heart emoji with the word "thanks" as well as photo of himself surrounded by his family, aides and



Israeli Prime Minister Benjamin Netanyahu's supporters celebrate first exit poll results for the Israeli elections at his party's headquarters in Tel Aviv on Monday. ARIEL SCHALIT/ASSOCIATED PRESS

supporters proclaiming "a giant victory for Israel."

Miri Regev, a senior Likud member, proclaimed an "overwhelming victory" for Mr. Netanyahu's party.

"The nation had its say, a referendum that proved the trust of the people in Netanyahu and in the Likud, with all the indictments and all the attempts to depose Netanyahu," Ms. Regev said.

But as the exit polls scaled back Likud's apparent performance, Mr. Netanyahu delayed what had been expected to be a joyous victory speech. At 1:30 a.m., Mr. Netanyahu still had not emerged at his party's headquarters.

Mr. Netanyahu's Likud Party was projected to win 36 to 37 seats, a gain from September, when it won 32. Mr. Gantz's centrist Blue and White party, which ran on a message that the prime

minister is unfit to lead because of the serious charges against him, was projected to win 32 to 34 seats, roughly the same number as in September.

Addressing a raucous crowd of supporters early Tuesday, Mr. Gantz did not concede defeat.

"This wasn't the outcome that perhaps we would have wanted," he said. Nonetheless, he said the party would not compromise its principles and would wait for final results.

"We have just begun. We have a long road ahead," he said.

Despite Mr. Netanyahu's impressive showing, neither party appeared able to form a coalition with its traditional allies. With the prospect of a unity government between them seemingly off the table after a particularly nasty campaign, the vote may well turn into merely a preamble to another election if Mr. Net-

anyahu's Likud can't garner a majority.

"This is clearly an achievement from Netanyahu's standpoint but by no means is it a clear, decisive outcome that enables him to form a stable, functioning government," said Yohanan Plesner, president of the non-partisan Israel Democracy Institute. "The country is heading toward constitutional uncertainty."

There was little fanfare ahead of the vote, with a noticeable absence of campaign posters on the streets and public rallies that typically characterize the run-up to Israeli elections.

The elections commission said 71 per cent of eligible voters cast ballots, higher than the previous elections last April and September.

Israel set up some 15 stations to allow voting by hundreds of

people who have been ordered to remain in home quarantine after possible exposure to the coronavirus.

"The corona thing is completely under control. Today we've taken all the precautions that are necessary. People can go and vote with complete confidence," Mr. Netanyahu said after casting his ballot in Jerusalem.

Mr. Netanyahu sought to portray himself as a statesman who is uniquely qualified to lead the country through challenging times. Mr. Gantz has tried to paint him as divisive and scandal-plagued, offering himself as a calming influence and an honest alternative.

Mr. Gantz says he favours a national unity government with Likud, but only if it rids itself of its long-time leader because of the corruption charges against him. Mr. Netanyahu, who still enjoys widespread support in his party, insists he must remain prime minister in any unity deal.

With his career on the line, Mr. Netanyahu campaigned furiously. He took a hard turn to the right in hopes of rallying his nationalist base, promising to expand and annex West Bank settlements. In a campaign marked by ugly smears, Mr. Netanyahu's surrogates have spread unfounded allegations that Mr. Gantz is corrupt, unstable and susceptible to blackmail by Iran.

Mr. Netanyahu is desperate to assemble a narrow 61-seat majority before his trial begins. He has failed to secure himself immunity from prosecution, but with a strong hold on power he could seek other avenues to derail the legal proceedings against him.

Mr. Netanyahu is charged with bribery, fraud and breach of trust stemming from accusations he accepted lavish gifts from billionaire friends and promised to promote advantageous legislation for a major newspaper in exchange for favourable coverage. He vowed to prove his innocence in court.

REUTERS

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Pipeline: Rail blockades that have been in place in Quebec for weeks remain intact

■ FROM A1

In Question Period, Liberal MLA Mike de Jong asked with whom the government had negotiated and whether leaders at the table represented Wet'suwet'en people.

In response, B.C. Minister of Indigenous Relations and Reconciliation Scott Fraser said the ratification process would give everyone a voice.

In a statement Monday, Maureen Luggi, elected chief of the Wet'suwet'en First Nation, said the federal and provincial governments "ignored us in these important negotiations" and said all Wet'suwet'en leaders need to work together.

Mr. Fraser called on those who have been protesting in support of the hereditary chiefs to allow time for Wet'suwet'en leaders and members to communicate.

"I ask people who are protesting, who care about rights and title of the Wet'suwet'en people, to give us time to address those things," Mr. Fraser said.

There have been protests across the country since early February, when the RCMP arrested 28 people along a B.C. logging road while enforcing a court order sought by Coastal GasLink to gain access to pipeline work sites.

Two rail blockades in place in Quebec for weeks remained intact Monday. In Kahnawake, the Mohawk community planned a meeting Monday night to discuss next steps for the blockade on the lightly used Canadian Pacific Railway line, which also serves a commuter train.

Kenneth Deer, secretary of the



Supporters of Wet'suwet'en hereditary chiefs block the Patricia Bay Highway in Victoria on Feb. 26 as part of protests against the Coastal GasLink pipeline project. KEVIN LIGHT/REUTERS

Mohawk Nation at Kahnawake who has acted as a spokesman for the protesters, said community members will have to reach a consensus before the blockade comes down.

In Listuguj in eastern Quebec, a Mi'kmaq blockade of a small regional railway allowed two trains through on Friday before the blockade was restored.

Dan George, chief of B.C.'s Burns Lake Band, on Monday said he hoped a vote would take place quickly and that all Wet-

'suwet'en members, including those who may be living off-reserve, would have an opportunity to take part. Burns Lake has signed an agreement with Coastal GasLink.

"We need a vote from all of our Wet'suwet'en members throughout the country - because half of our members live off-reserve ... we can't leave anybody out," Mr. George said.

Talks between hereditary chiefs and the B.C. and federal governments began last Thurs-

day after the RCMP said it would stop patrols on the logging road and Coastal GasLink agreed to put construction on hold while talks were under way. The hereditary chiefs asked for those conditions before talks began.

B.C.'s liaison with the hereditary chiefs, Nathan Cullen, said Monday the proposed agreement deals exclusively with the issue of rights and title, and the pipeline "remains a point of conflict."

Mr. Cullen said he didn't know

how supporters across the country would respond to pipeline work resuming.

"We are working hard to keep what happens out on the territory respectful and calm because it is important to the chiefs to have as much of that as possible in order to have a good conversation and deliberation within the nation. They're under a lot of pressure," Mr. Cullen said.

Crown-Indigenous Relations Minister Carolyn Bennett said Monday she is hopeful the proposed agreement will prevent similar conflicts in the future.

"This is a recognition of rights and title that will prevent this kind of uncertainty for all future projects," she said.

"We want to make sure that in all of its complexity that we have the ability to get it right this time, such that this will never happen again."

Ms. Bennett also said B.C. and the Wet'suwet'en hereditary chiefs have acknowledged there are differences over the pipeline and they will be for the province, the company and the nation to discuss.

Ms. Bennett's office confirmed the proposed agreement will not be released, noting it was agreed the first people to see it should be the Wet'suwet'en clans.

Sarah Plank, the director of communications with the B.C. Ministry of Indigenous Relations, said Monday it is appropriate that the proposed arrangement be reviewed by the Wet'suwet'en members first.

"If it is endorsed, it will be made public," she said.

With a report from Les Perreaux

It's Time to See What Beijing Doesn't Want You to See



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Calgary • Mar 8–10
Southern Alberta Jubilee Auditorium

Vancouver • Mar 13–22
Queen Elizabeth Theatre

Toronto • Mar 24–29
Four Seasons Centre

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Taliban won't take part in intra-Afghan talks until prisoners are released

ABDUL QADIR SEDIQI KABUL

Taliban militants will not take part in intra-Afghan talks until the Afghan government releases about 5,000 of their prisoners, a spokesman said on Monday, presenting a major possible barrier to ending the war.

The statement came as a reduction of violence period came to an end, and the Taliban said a resumption of operations against Afghan government forces could now take place.

Under an accord between the U.S. and the Islamist Taliban signed on Saturday, the two sides are committed to working toward the release of combat and political prisoners as a confidence-building measure.

The agreement calls for up to 5,000 Taliban prisoners to be freed in exchange for up to 1,000 Afghan government captives by March 10. Afghan President Ashraf Ghani, not involved in the talks, has rejected that demand.

"We are fully ready for the intra-Afghan talks, but we are waiting for the release of our 5,000 prisoners," Taliban spokesman Zabihullah Mujahid said by phone. "If our 5,000 prisoners - 100 or 200 more or less does not matter - do not get released there will be no intra-Afghan talks."

The U.S. has said that after more than 18 years of war, it hopes negotiations towards a permanent political settlement and ceasefire can start in coming days, but Western diplomats and analysts see stark challenges ahead.

Mr. Ghani said on Sunday U.S. President Donald Trump had not asked for prisoner releases and

that this issue should be tackled as part of a comprehensive peace deal.

"The Afghan government has not made any commitment to release 5,000 Taliban prisoners before the start of any potential negotiation," Sediqi Sediqqi, a spokesman for Mr. Ghani, said in response to the Taliban's statements on Monday.

A joint U.S.-Afghan government statement says the Kabul government will take part in discussions on the "feasibility of releasing significant numbers of prisoners on both sides," but does not mention the specific number or time frame.

U.S.-led forces ousted the hardline Islamist militants from power in 2001.

The Taliban's Mujahid said a deal on a reduction in violence in the seven days leading up to Saturday's pact had formally ended.

"As we are receiving reports that people are enjoying the reduction in violence, we don't want to spoil their happiness, but it does not mean that we will not take our normal military activities back to the level that we were before," he said.

"It could be any time, it could be after an hour, tonight, tomorrow or the day after."

Two Taliban leaders who declined to be named said the group had initially decided to extend the reduction in violence period for two days beyond Saturday. At a meeting on Monday, the Taliban decided the arrangement would continue to apply to U.S. forces but would end for Afghan government forces, they said.

REUTERS

QUEBEC COURT GIVES FEDERAL GOVERNMENT AN EXTENSION TO AMEND ASSISTED-DYING LEGISLATION

MONTREAL A Quebec court has given the federal government more time to amend its assisted-dying legislation.

Ottawa was facing a March 11 deadline imposed last September by Quebec Superior Court Justice Christine Baudouin when she ruled it is unconstitutional to limit medically assisted death to those whose natural death is "reasonably foreseeable."

Justice Minister David Lametti filed a motion Feb. 17 requesting a four-month extension, acknowledging the government would not be able to meet the deadline, and Baudouin agreed in a ruling Monday.

She has extended the deadline to July 11, noting the government has shown "diligence"

on the file by leading a public consultation on the subject and tabling legislation last week.

In her ruling Monday, Justice Baudouin creates a provision for those who had been hoping to access medically assisted death as of March 11.

The judge said people who meet the other criteria for the procedure but whose natural death is not "reasonably foreseeable" can apply to a court for an exemption to receive an assisted death before the July 11 deadline.

The bill scraps the provision that only those already near death can receive medical assistance in dying. But those whose death is not imminent would face more restrictive conditions under the law. THE CANADIAN PRESS



COMING SOON

THE FROZEN FRONT LINE

Photographer Louie Palu documents the Canadian military effort to prepare for a warming Arctic.

To those who've never ventured into Canada's north, the Arctic is a land that lives only in the imagination. Over the course of 24 expeditions—spanning more than two decades—award-winning photographer Louie Palu has examined Canada's shifting relationship to the Arctic in a warming world.

Explore *The Frozen Front Line* photographic series
March 7 in print and online at fgam.ca/Arctic

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The security queue outside the Louvre Museum in Paris stands empty on Monday. CHRISTOPHE ENA/ASSOCIATED PRESS



A woman departs a care centre in Kirkland, Wash., on Sunday. DAVID RYDER/REUTERS

Waiting, wondering: Isolated Canadians await release

People once stuck on Diamond Princess ship await discharge from quarantine in Japan

NATHAN VANDERKLIPPE
ASIA CORRESPONDENT
BEIJING

Julien Bergeron had his 61st birthday on Monday, but he spent the day reflecting on another milestone. He has now spent 26 days in various forms of quarantine and isolation, first as a passenger on the virus-stricken Diamond Princess cruise ship and then as a sick patient himself after he contracted COVID-19 and began to experience pneumonia-like symptoms.

Since Feb. 22, he has been in isolation at a hospital in conditions he likens to a cell, told to wear a mask even when he is alone. The Canadian government has released little information about citizens who remain in Japan. In total, 54 Canadians on the Diamond Princess tested positive for the coronavirus. As of last week, 34 of them were in hospital, with two in critical condition.

Mr. Bergeron has a window to see outside, but is otherwise alone, waiting for his immune system to beat back the virus.

The uncertainty is so great that he's not even sure where he is.

"I am somewhere in Japan," he said in an interview on Monday. The television in his room has broadcast spring training games of the Chunichi Dragons, based in Nagoya. "So I imagine that I am in this area," Mr. Bergeron said.

He is more certain about his views on the decisions that led him to this place after he and other passengers were quarantined on the cruise ship for 14 days. By the end, both he and his wife had tested positive.

"The boat was not a good place for quarantine," he said. When the virus began to spread on the cruise ship, he said, "they should have checked us. And the people who were not sick, they should have taken us off the boat" and flown the Canadians to Canada. "The other ones should have gone to hospital."

The Canadian passengers have care packages from government officials, including local mobile phones – and some have received direct phone calls from Foreign Affairs Minister François-Philippe Champagne – but have little idea what comes next. Princess Cruises has helped to arrange for travel, but Air Canada has refused to accept people who were aboard the Diamond Princess, even those who tested negative for the virus, according to two passengers and a message from Princess seen by The Globe and Mail. When The Globe asked the airline about its policy, it replied with a single-sentence, unsigned

e-mail: "We are now allowing passengers who are medically cleared to travel on our flights."

Japanese authorities have acknowledged flaws in their response. "The ship was not designed to be a hospital. The ship was a ship," Shigeru Omi, a former regional director for the World Health Organization and a member of an expert panel examining the outbreak in Japan, said last week. "Isolation was not as ideal as would be expected from a hospital."

Some 705 people among the 3,711 people on the ship tested positive for the virus. Epidemiologists have seen the vessel as valuable for studying the behaviour of the virus. But the Japanese response has provoked much criticism, among passengers and, more recently, elsewhere in Japan, where people in areas with new outbreaks say the government was distracted by the cruise ship.

"
I feel like I'm Alice in Alice in Wonderland and I've just fallen down the rabbit hole.

ROSE YEREX
CANADIAN IN ISOLATION
IN JAPAN

"There is no right answer for everyone with regard to moving potentially infected individuals," said Christl Donnelly, professor of statistical epidemiology at Imperial College London. "An initial negative test does not mean the person is not incubating the infection. That is the reason for the 14 days of quarantine following the most recent exposure."

And, she said, "repatriation of potentially infected people creates potential transmission risks which have to be managed during both transport and quarantine thereafter. I can understand the frustration of people currently held in quarantine, but they would not want to infect others."

But that is little consolation for the Canadians still in Japan.

Among them are Greg and Rose Yerex, who have been locked inside the Fujita University Hospital with others in isolation, waiting until both test negative twice for COVID-19, the illness the virus causes. Ms. Yerex was cleared, but went days without two negative tests for the virus. They have little notification of when medical workers will do the tests, and no clarity on when they will learn the results. They also don't know what will happen if they are released from isolation, or how they could get home.

The confusion is compounded by the fact that neither has any signs of illness, and are trying to keep their distance even from each other as they wait for an unseen and unfelt menace to retreat

from Mr. Yerex's body.

"I feel like I'm Alice in *Alice in Wonderland* and I've just fallen down the rabbit hole," Ms. Yerex said in an interview.

The couple walk the halls for exercise, eat three daily bento box meals delivered cold, chat on social media, submit to health checks and watch the small television set with channels in Japanese. They have books, although Mr. Yerex's e-reader stopped functioning weeks ago.

"The quarantine of the Princess Diamond – it's obvious now that it was the wrong thing to do," he said. "It kind of made a mess of everything." The couple have spent long hours in discussion, trying to pinpoint the moment they could have been exposed to a virus that has not proved dangerous to them.

"It's just the flu. Maybe a violent one. But it's the flu," Mr. Yerex said.

Still, he is hesitant to assign blame. "I'm just displeased because I'm here," he said. "I think everybody tried their damndest to do the best they could do."

Ms. Yerex is sunnier: "This is a great test for any relationship. Lock them in a room and don't let them out for weeks at a time. You have to find the humour to help keep your sanity."

"Or you cry," Mr. Yerex added. Craig Lee, a retired Ontario teacher, is in the same hospital, a new facility not yet open to the public. It's "the Hilton of hospitals," he said, complete with heated toilets.

"I think the Ministry of Health did as much as they could possibly do. This was unprecedented," he said. He has been struck by the generosity of the local community, which has donated socks, pyjamas and underwear – and even sent boxes of doughnuts. In one of his bento boxes, he found a note in Japanese and English from the kitchen staff: "We hope you get well soon and quickly return home. This is a hard time for you. We stand beside you."

"I was thinking I'm a stranger in a strange land and you took me in," Mr. Lee said.

Still, he added, "it would be nice to be in Cornwall right now," the location in Ontario where those evacuated by the Canadian government were in quarantine. "I certainly would have preferred to be on Canadian soil."

For Mr. Bergeron, Monday brought some good news. His wife, Manon Trudel, received a second negative test, clearing her to leave isolation.

Mr. Bergeron remained in his room, waiting to recover. He has little to do but talk on the phone, watch sports on television and make use of his small space.

"I walk in my room," he says. "Ten steps, then ten steps, then ten steps."

"I try to motivate myself, because there's not a lot of things to do."

■ FROM A1

David Williams, Ontario's chief medical officer of health, said Monday that some pilot sites in the province are testing patients with flu-like symptoms for COVID-19. Ontario is also testing patients admitted to some Toronto hospitals with severe respiratory illness for the coronavirus, officials said.

Ontario also announced Monday a new oversight structure to centralize communication and help with responses and planning related to COVID-19. A new provincial command group will be responsible for providing executive leadership and strategic direction to the province. Ontario is also creating other expert groups, including for regional planning and ethics table.

Janine McCready, an infectious diseases physician at Michael Garron Hospital in Toronto, said governments in Canada are still too focused on looking for COVID-19 in people who have travelled to a handful of countries experiencing outbreaks, such as China, Japan, South Korea and Italy. It's time to widen that criteria to test patients who have any respiratory symptoms combined with any travel outside of Canada, she said.

"Every day we're adding new countries," Dr. McCready said. "It's impossible and it's also not practical to keep doing that. You're going to miss cases."

On Monday, the Public Health Agency of Canada announced that all Canadians should avoid non-essential travel to Iran. Anyone coming to Canada from Iran is being asked to identify themselves at airport screening checkpoints and check in with local health officials. They are also being instructed to monitor themselves for symptoms and enter a voluntary quarantine for 14 days.

Several people in Canada have tested positive for COVID-19 in recent days after travelling to Iran. There are 27 confirmed cases of COVID-19 in Canada: 18 in Ontario, eight in B.C. and one in Quebec.

Dr. Tam said officials are sending the message that any international travellers arriving in Canada should be aware of the virus and monitor themselves for signs of illness, such as fever or cough.

But the national criteria still direct clinicians to focus testing on people with symptoms who have travelled to one of seven countries experiencing an outbreak. Despite this, Dr. Tam said there is "some flexibility" and that clinicians should still order tests for patients who travelled to a country not on the list.

Dr. Gardam said officials must also aggressively look for COVID-19 cases in the community, given how quickly the virus is spreading in the United States as well as the rapid rise in cases in Ontario and B.C.

Dr. McCready said her hospital is one of the sites where additional tests are now taking place. But she said there's a lack of transparency from the province about additional tests, which means clinicians are operating in the dark, not knowing what other hospitals are doing or whether any new cases are identified.

"I don't really understand why we wouldn't be sharing that information as rapidly and broadly as possible," she said.

While there's no evidence the disease is spreading locally in Canada yet, Dr. Tam said that could change and people should be prepared for unusual events, such as the cancellation of large gatherings and the closing of schools.

Toronto's two biggest transit agencies are ramping up cleaning on buses and trains after a GO Transit passenger tested positive for COVID-19.

Metrolinx, the regional agency that oversees GO Transit, has been testing a new antimicrobial treatment and is now applying it to its vehicles. The treatment, which is intended to provide longer-lasting protection than regular disinfectant, should be completed on all buses and trains by Wednesday, according to agency spokeswoman Anne Marie Aikins.

The Toronto Transit Commission is looking at employing an antimicrobial treatment like the one Metrolinx is using. The agency, with nearly 1.7 million daily riders, has also stepped up its cleaning of vehicles and is doing more frequent wipe-downs of stair-rails and hand-holds, spokesman Stuart Green said.

With reports from Andrea Woo in Vancouver and Oliver Moore in Toronto



A room used to quarantine individuals at Montreal's Jewish General Hospital is seen on Monday. CHRISTINNE MUSCHI/REUTERS

What to consider before travelling, or deciding to stay put, amid the outbreak

DAVE MCGINN

As the coronavirus continues to spread around the world, health experts say Canadians travelling abroad for March Break need to consider if any trip is worth the risks.

Michael Gardam, chief of staff at Toronto's Humber River Hospital and an infection-control expert, said even though only a handful of countries are dealing with a coronavirus outbreak, travellers need to be mindful that the global situation is changing rapidly. In the past two months, airlines have cancelled flights, hotels have locked down guests and governments have issued sweeping quarantine measures, preventing many people from returning home after a vacation. Last month, more than 3,700 people were trapped on the Diamond Princess cruise ship for weeks in Japan as part of a coronavirus quarantine.

"Those unknowns make travel much more unpredictable now than it would have been six months ago," Dr. Gardam said, adding that Canadians should consider how they would handle, and pay for, hospitalization in a foreign country.

"Basically, because of those reasons, I'm not travelling outside of Canada this year," he said.

More than 88,000 people have become sick from the coronavirus and more than 3,000 people have died from it since the start of this year. More than 60 countries have had at least one confirmed case, including Canada and the United States. Most confirmed cases are in China, and more than 44,000 people have recovered from the virus.

The spread of the virus has made many people nervous about travelling. Anyone who is thinking about going abroad needs to consider several important factors, said Susy Hota, medical director of infection prevention and control at the University Health Network in Toronto. These factors include where people are going and what they'll be doing there, as well as what may happen in the event of new confirmed cases.

"This is something that is all up to your individual risk threshold as to whether or not you think it's okay to go wherever you plan to go. I think that's still valid, but I think there's more of a sense of uneasiness when things are changing so rapidly," Dr. Hota said.

Frederic Dimanche, director of the Ted Rogers School of Hospitality and Tourism Management at Ryerson University in Toronto, said this is the biggest crisis the travel and tourism industry has faced since Sept. 11, 2001. "People

are in a panic."

Peter Wong has been agonizing over a March Break trip to Rome he booked in December for him and his 15-year-old daughter, Marissa.

"I've basically been pulling my hair the last week or so," said Mr. Wong, who lives in Ajax, east of Toronto. "I'm nervous for sure."

As of Monday, he plans on taking the trip.

"We've not heard enough bad news out of Rome that we're going to cancel," he said.

He has looked into whether or not his travel insurance covers the costs of cancelling the trip. It does not.

Making a successful claim on a travel insurance policy depends on whether the Government of Canada has issued high-level travel advisories to a specific destination, said Will McAleer, executive director at the Travel Health Insurance Association of Canada. These are travel advisories at level three, "Avoid non-essential travel," and level four, "Avoid all travel."

"When [government travel advisories] are put into place, that's often the trigger for a trip cancellation-insurance claim. That allows [people] to cancel their trip and receive proceeds through that travel insurance policy," he said.

However, there are some caveats: one is that you booked your travel before the advisory went up; another is that the advisory is still up when you're supposed to be travelling.

You can purchase insurance that allows you to cancel for any reason but it usually comes at a higher premium, Mr. McAleer said.

Checking travel advisories issued by the federal government is the first step anyone thinking about travelling should take, Dr. Hota said. There are currently coronavirus-related advisories for China, Hong Kong, Iran, Japan, northern Italy, Singapore and South Korea.

Of those, only China, Iran and northern Italy have been classified as level three, "Avoid non-essential travel."

Wherever you may be travelling, ask yourself what types of activities you'll be participating in, Dr. Hota said.

Will you be out hiking in the open air or in close contact with many other people?

You also have to be prepared for how a country may react if there is any new coronavirus development.

"Is it possible you're going to have flight cancellations and border closures?" Dr. Hota said.

If you are symptomatic during your trip, there is a chance you may be prohibited from boarding a plane home, she added.

With a report from Carly Weeks

China's WeChat censoring poses public-health risk: researchers

ANDREA WOO
XIAO XU VANCOUVER

One day after a group of Chinese doctors took to social media to warn of the emergence of a mysterious, SARS-like virus, one of China's most popular live-streaming platforms quietly added nearly four dozen keywords to its blacklist, including "Unknown Wuhan pneumonia," "SARS variation" and "SARS outbreak in Wuhan."

The world would soon learn of the novel coronavirus, SARS-CoV-2, which likely originated in the city of Wuhan and to date has resulted in almost 90,000 confirmed cases of the resulting illness, COVID-19, and 3,000 deaths globally.

China has long censored what its citizens can see and say online. But a new report by researchers at the Citizen Lab at the University of Toronto's Munk School of Global Affairs and Public Policy shines a light on the broad scope of suppressed information about the virus, and its public-health implications.

Using a combination of reverse engineering and automated testing methods, researchers looked at WeChat, China's widely used messaging, social media and mobile payment app, and YY, a popular live-streaming platform.

They found that censored materials included government criticism and references to ophthalmologist Li Wenliang, who died six weeks after sounding the alarm and whose suppression and mistreatment galvanized the country. But the censorship extended to even factual descriptions of the flu-like pneumonia and public-health messaging on hand-washing and the wearing of face masks. Such censorship can threaten vital communication related to disease information and prevention, the report said.

"What is interesting, or what is significant, about this case is that this event is more of a public-health issue rather than just a party congress or political events that do not affect a wider range of people," said Lotus Ruan, a lead author of the report and a research fellow at the Citizen Lab.

During the study period between Jan. 1 and Feb. 15, researchers identified 516 keyword combinations on WeChat related to COVID-19 that blocked content. They included a wide range of topics, including discussions of central leaders' responses to the outbreak, Dr. Li and collective action.

A 2016 report by the Citizen Lab said WeChat's parent company, Tencent, implements a "one app, two systems" model with heavier censorship for Chinese users and less restrictive rules for overseas users. However, Canadians have observed apparent censorship on the app as well.

Ou Kehui, a resident of Richmond, B.C., said her account was suspended twice in February after she shared videos from Chinese

lawyer and self-described citizen journalist Chen Qiushi in a group chat. Mr. Chen had posted videos from Wuhan and has not been seen since Feb. 6.

Ms. Ou added that certain content she shares is often not received by users in China – censorship that would often go unnoticed initially.

According to WeChat's website, an account could be blocked for several reasons, including the user is reported for sending lewd content, violent materials, scams, inappropriate rumours, or annoying ads, or the user has been reported by other users multiple times.

Taylor Zhao, also a Richmond resident, last month had his WeChat account suspended mere hours after he had a text conversation about an online petition calling on China's national legislature to protect citizens' right to free speech in the wake of Dr. Li's death.

A new report by researchers at the Citizen Lab at the University of Toronto's Munk School of Global Affairs and Public Policy shines a light on the broad scope of suppressed information about the virus, and its public-health implications.

The petition, started by Chinese academics and signed by hundreds of Chinese citizens, listed five demands of Beijing, including that Feb. 6 be proclaimed "National Freedom of Speech Day (Li Wenliang Day)."

Mr. Zhao said he suspects the suspension was related to a conversation he had with one of those academics, Xu Zhangrun, who himself had been punished for speaking out against the removal of term limits for President Xi Jinping.

"We live in Canada, a free land, but [the app] has us bound hand and foot, and [we] do not dare to speak," said Mr. Zhao, a Canadian citizen. "Our freedom is actually restricted. We are not living in a totally free environment."

The report concluded that censorship of the COVID-19 outbreak is troubling and shows the need for thorough analysis of the effects of information control during a global public-health crisis.

"Countering misinformation and uninformed speculation related to the epidemic may help keep public fear in check and remove information that would mislead people about how best to protect themselves," the report said. "However, restricting general discussions and factual information has the opposite effect and limits public awareness and response."



People visit the Colosseum in Rome on Monday. An Ontario man who booked a trip to the city in December says he and his daughter still plan to go there for March Break. REMO CASILLI/REUTERS

EDITORIAL

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

PHILLIP CRAWLEY
PUBLISHER AND CEO

DAVID WALMSLEY
EDITOR-IN-CHIEF

Four possible outcomes of Super Tuesday

The race to be the Democratic Party's nominee for president of the United States has narrowed to just three candidates. By the end of Super Tuesday – voters go to the polls in 14 states – the options could be down to just two.

Or, the possible outcomes of primary season could be increased – to four.

The three candidates with a realistic shot of holding 50 per cent plus one of the delegates at the end of the primaries in June are former vice-president Joe Biden, former New York mayor and billionaire Michael Bloomberg and the self-proclaimed socialist, Vermont Senator Bernie Sanders.

And then there's that fourth option: a primary season that ends with nobody holding a majority of 3,979 elected delegates.

That would mean, when the Democratic Party assembles at its convention in July in Milwaukee, it would not be anointing a predetermined victor. Instead of the usual stage-managed infomercial, offering four days of testimonials to the genius, empathy and morality of the nominee, the convention would be an open-air fight, and the first brokered convention since 1952.

It's an outcome that's looking ever more likely – but in a race full of surprises, Tuesday may offer yet more.

Pete Buttigieg stunned by winning Iowa, the first state to vote, but on Sunday he dropped out, seeing no path to victory. Less than 24 hours later, Senator Amy Klobuchar did likewise. Both are Midwesterners and moderates; both were splitting votes with Mr. Biden – and on Monday night, both were expected to share a stage with the former vice-president, and to endorse his candidacy.

It cements the idea that there are basically two roads before Democratic voters: the path of modest incrementalism, or blow-it-all-up, radical change.

As in 2016, Mr. Sanders is the standard-bearer of the latter camp. (Senator Elizabeth Warren shares many of Mr. Sanders's ideas, and has more carefully thought them through, but she's failed to catch fire.)

The moderate wing – what Sanders supporters call “the establishment” – is Mr. Biden and Mr. Bloomberg.

Mr. Biden has considerable personal popularity thanks to his eight years as understudy to President Barack Obama. But his campaign lacks the money of Mr. Bloomberg, and the grassroots organization of Mr. Sanders. Late last week, the Biden campaign had just one campaign office in California – a state with more people than Canada – and it was padlocked. The state's Bloomberg campaign had 24 offices. Mr. Sanders had 23. Mr. Bloomberg has spent already hundreds of millions of dollars blanketing the country with advertising through media. He deliberately bypassed the start of primary season, and his name was not on the ballot in the four states that voted last month. He's aiming for a Super Tuesday surprise.

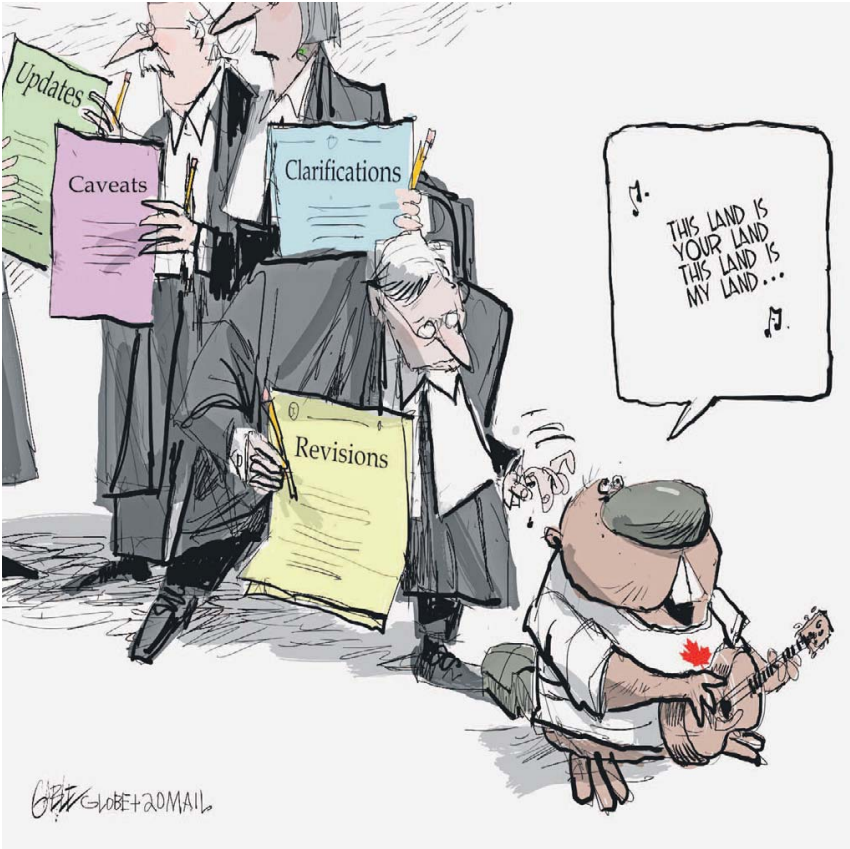
However, the only surprise he's offered so far was his lead balloon performance in his first candidates' debate. Visibly unprepared, he was quickly turned into the party's pinata.

But his ads have been seen by far more voters than his debate fiasco. Super Tuesday will decide whether he has enough popularity to arrive at the convention as a kingmaker or potential compromise nominee, or whether his first date with voters ends with his campaign DOA.

And then there's the radical wing, in the person of Mr. Sanders. On the one hand, his signature policy – health insurance for all Americans – is the status quo in every other developed country. Mr. Sanders's health care plan is based in part on Canada's medicare model, which is something even Canadian conservative parties don't talk about dismantling.

Though his stated policies aren't always that far out there, Mr. Sanders almost always plays up his own radicalism. He calls himself a socialist, even when he isn't. Like Donald Trump, he's an outsider; he's been repeatedly elected to Congress as an independent, not a Democrat. And he often talks as if the enemy are moderate Democrats – the party's Obamas and Bidens.

Mr. Sanders is, in short, hyperpolarizing – just like Mr. Trump. He energizes those who like him (also like Mr. Trump), which is why he'll capture a big share of voters on Super Tuesday. But he disquiets a large part of the electorate, and risks turning off swing voters in swing states. It's why the Democratic Party's moderates are going to pull out all the stops to keep him from becoming their nominee.



LETTERS TO THE EDITOR

TRUTH OR CONSEQUENCES?

Re To Say Reconciliation Is Dead Implies That It Was Once Alive (Opinion, Feb. 29): I agree with contributor Tanya Talaga, and believe Canada is still in the “truth” phase of truth and reconciliation.

As a non-Indigenous Canadian, I have spent decades decolonizing my mind (the process is continuins) to discover the truth of what has gone on. Colonization is not history – I see it continues to this day. We still have an Indian Act, we still have reserves, we still have gross inequality and dire poverty for Indigenous people.

I believe colonization also affects non-Indigenous people, causing us to be blind to injustice and numb to the suffering of fellow human beings.

Some people think Indigenous people should be glad Europeans came along to civilize them and create great wealth from the riches of the land.

It sounds like someone speaking from the 1880s, but no, sadly, I still hear that fairly often today.

In my view, Indigenous people are not the only ones who need to heal from colonization – Canadians as a whole need to heal and decolonize our minds.

Not only is it possible, it seems critical to our future as a country. ■ **Lorna Hillman** Victoria

ON JEAN VANIER

Re To Plague A Saint (Opinion, Feb. 29): Like contributor Madeline Burghardt, I spent time at L'Arche's Daybreak community after leaving my lawyer job looking for self-fulfillment.

There, I communed with adults who suffer from intellectual disabilities.

They revealed to me that beneath my articulate speech and polished résumé is a vulnerable person just like them who, by virtue of that brokenness, has the capacity for love.

Part of the mystery revealed by L'Arche is that outer status can conceal inner loneliness.

In Jean Vanier, I now see an expression of that enigma: A cloak of otherworldly status concealing dark manoeuvres toward physical intimacy.

As L'Arche wrestles with Mr. Vanier's shadow, it might consider preserving his counterexample within the organization, as a cautionary tale about what happens when a celebrated healer of others fails to reckon with his own inner brokenness.

The riddle posed by his life can be answered with L'Arche's underlying philosophy. ■ **Patrick Smith** Edmonton

“The evil that men do lives after them; the good is oft interred with their bones.” Mark Antony's words as written by Shakespeare

remind us that, as in the case of Julius Caesar, too often it is the evil deeds of the departed that are remembered, to the detriment of the good they've done. In the #MeToo era, that will likely be the case with Jean Vanier.

And those who hold no brief for organized religion will also have new evidence for their file, as it is doubtful that his alleged transgressions will provoke a spiritual reckoning where it is most needed.

But contrary to what he seemed to believe, Jesus and Mary were not Mr. Vanier's enablers. Before the matter is concluded, more time should be devoted to finding those who were. ■ **Howard Greenfield** Montreal

Re The Jean Vanier I Thought I Knew (Feb. 29): The Globe and Mail's Ian Brown writes that “we live in a time when people are vaporized for their misdeeds.”

However, I've found that varying degrees of social censure have always existed, and always will.

It's how societies enforce the rules.

Only a short time ago, in Canada, unwed mothers were shamed and stigmatized; they were forced to hide, and give away their babies for their so-called misdeed.

This era should be seen no differently from any other as we experience profound social change. Attitudes and behaviours that were acceptable a generation ago are no longer tolerated.

“Political correctness” in many aspects of life seems to me the recognition of these changes, and an attempt to enforce them.

The strength of the #MeToo movement is another manifestation of this change.

Jean Vanier had many good qualities and started a wonderful movement.

Now we know he had a really dark side, too.

But this knowledge should not mean his legacy will be vaporized – it will just be different. ■ **Carol Town** Hamilton

By the end of reading this Ian Brown masterpiece, my eyes filled with tears.

Why? For the messy moral complications everyone involved must weigh; for the beauty in the existence of L'Arche now shaded by ugliness; for the wisdom and vulnerability shown in the comments of all whose voices are recorded in this article; and for the incredible gift that Mr. Brown has for revealing the complex balance that forms the truth. ■ **Maribeth Adams** Kamloops

When the news about Jean Vanier broke, my immediate thought was that I needed to hear what Ian Brown thought.

I was not disappointed. ■ **Kathy Bleyer** Toronto

CUP RUNNETH OVER

Re The Unbearable Hypocrisy Of Corporate Greenwashing (Feb. 28): Many years ago, a tax was placed on cars that had air conditioning because this increased emissions.

If we want to reduce the use of disposable cups, why not place a tax on drinks served in them? That would be a great incentive for people to always bring their reusable cups.

■ **Herbert Belman** Toronto

I fail to understand contributor Glynis Ratcliffe's criticism of attempts by companies to reduce their plastic waste. I own two reusable Tim Hortons cups. I've used them hundreds of times, and hope to use them thousands of times more.

When they are finally pried from my cold, dead hands, I hope the cups are placed in a blue box, because they are fully recyclable.

Why is this not better than using disposable cups containing a non-recyclable plastic liner? Sometimes perfect is the enemy of good.

■ **Graeme Hunter** London, Ont.

The biggest single contribution Tim Hortons can make to improve the environment is to close the drive-throughs which circle the stores.

The two lines which go around the Tims in my neighbourhood are major environmental disaster zones, as cars inch their way toward the delivery window, burning who knows how much fossil fuel and producing volumes of exhaust gases.

Deciding to end drive-through is a window of opportunity.

■ **Ian Guthrie** Ottawa

BUY AND SELL

Re Markets On Edge, Economic Fears Intensify Over Virus (Report on Business, March 2): The next two weeks will be pivotal in revealing the difference between an investment adviser and an investment salesperson.

If an investor gets a calming call or contact to discuss feelings, needs and goals, that person is enjoying the benefit of an adviser. If not, their professional is merely a salesperson, and they should act accordingly. ■ **John Lahey** Toronto

Letters to the Editor should be exclusive to The Globe and Mail. Include name, address and daytime phone number. Keep letters under 150 words. Letters may be edited for length and clarity. E-mail: letters@globeandmail.com

Medicare’s future shouldn’t be left up to courts

Canada needs to deal with what health services should be covered and which should not

ANDRÉ PICARD
OPINION



The legal action launched more than a decade ago by Brian Day wrapped up in B.C. Supreme Court on Friday, ending the same way it began, with some overheated rhetoric. We are hearing that the future of medicare is in peril and that Canada is the only country on Earth that bans private health insurance, neither of which is true. The lawsuit aims to strike down key provisions of the B.C. Medicare Protection Act, arguing that restricting access to private health care is causing deadly waits for care that violate Canadians’ constitutional right to life, liberty and security. Those opposing the action – including the federal and provincial governments – claim that a

“two-tier system” would result in the end of medicare as we know it, throwing open the door to U.S.-style health care and wouldn’t make waits any shorter, except for the wealthy. At the end of the day, Justice John Steeves needs to answer a seemingly simple question: Should patients be able to pay for care in private clinics if they can’t get timely care in the public system? (Or, conversely, should government be able to restrict access to private care because it believes doing so serves the greater public good?) Regardless of what the court rules, it is unclear what impact it would have on the larger health system, or on access to timely care. The only certainty is that, no matter which side prevails, the ruling will be appealed to the Supreme Court of Canada – meaning a final decision is a few years away. The B.C. Medicare Act prohibits physicians from working in both the public and private systems, it does not allow physicians to charge extra for services covered by medicare, and it bans the sale of private insurance for “medically necessary” care (most hospital and

physician care). No province allows extra billing. Most provinces outlaw dual public-private practice, but some allow physicians to opt-out of the public system entirely. Five provinces ban the sale of private health insurance for procedures done in the public system. The only certainty is that, no matter which side prevails, the ruling will be appealed to the Supreme Court of Canada – meaning a final decision is a few years away. So the rules are all over the map, and enforcement even more so. Even B.C. tolerated private clinics such as Dr. Day’s Cambie Surgeries Corp. for more than two decades after it opened in 1996. Paradoxically (or perhaps hypocritically is more precise), the best customers of private surgical clinics are essentially in the public sector – WorkSafeBC, the

Canadian Armed Forces, the RCMP, Indigenous and Northern Affairs and Correctional Service of Canada. The notion that private clinics are a threat to medicare is scant at best. Similarly, the idea that not getting swift access to care is some grave injustice is dubious at best. Sure, there are waits in Canada that are far too long and frustrating, but is waiting really killing people? And, even if it is, would allowing people with means to pay for faster care actually correct these injustices? If we’re going to say that Canadians can buy care when waits are unreasonable, what is the threshold going to be? Will it be medically maximum wait times set by physicians or institutions, or will it be an individual feeling? There is no question Canada needs to deal with the problem of lengthy surgical wait times. But quicker isn’t always better. And is having to wait your turn really unconstitutional? If so, allowing private surgical clinics to cherry-pick profitable procedures to offer to the public is hardly a solution. But neither is an outright ban. Most countries with universal health care are a mix of public

and private provision and payment of care. What these countries do is regulate rather than outlaw private operators. One of the great ironies of the case is that Canada actually has more private spending and a greater dependence on private insurance than virtually every other country with universal health care. Canadians are enormously dependent on private insurance for prescription drugs, dental care, vision care, hearing aids, home care, long-term care and much more. Surely many of these services are “medically necessary,” but public access and funding is greatly lacking. Ultimately, we need to decide what is covered by medicare and what isn’t. It’s never going to be easy to draw those lines in the sand, but it’s essential. What the limits of medicare are, or should be is also a policy issue that needs to reflect our culture, our values and our expectations of government. It’s certainly not something we should be leaving to the courts – especially when the courts are going to take a generation to decide if waiting violates our rights.

Trump may shrug off the coronavirus. America may not

NIAL FERGUSON
OPINION
Milbank Family senior fellow at the Hoover Institution, Stanford University

As flies to wanton boys are we to the gods. They kill us for their sport.” Gloucester’s despairing words in *King Lear* have been etched in my memory since I first heard them as a schoolboy. The gods also amuse themselves by sending natural disasters to humble vain-glorious leaders. The world has all four of the horsemen of the apocalypse these days: pestilence, war, famine and death. There is, of course, the pestilence now known as COVID-19, spread by the new coronavirus. There is war in Syria and a nascent civil war in the streets of India. There may well be famine, too, if the locusts continue to ravage the crops of east Africa and south Asia. And there will surely be more death in 2020 than in a typical 21st-century year. Fortunate is the American president who is not confronted by at least one devastating hurricane or terrorist attack or mass shooting. Fortunate is the president who does not have to console grieving survivors in at least one devastated city. But 2020 is a whole different divine sport. COVID-19 is not so life-threatening, to be sure. According to the best available data at the time of writing, there have been about 85,000 confirmed cases worldwide, roughly 94 per cent of them in China and 78 per cent in the province of Hubei. The implied global mortality rate is 3.4 per cent, but that is



A person is taken to a waiting ambulance on Saturday from a nursing facility, where more than 50 people are sick and being tested for the COVID-19 virus, in Kirkland, Wash. ELAINE THOMPSON/ASSOCIATED PRESS

surely an overestimate because the denominator (total cases) is being underestimated by infected people who don’t feel sick or don’t check themselves in for medical care. We also know that COVID-19 disproportionately kills the elderly and those with existing conditions such as cardiovascular disease. Worry about grandparents: The mortality rate for people in their 80s is above 14 per cent, whereas it’s close to zero for those under 40. But those who blithely say, “This is no worse than the flu”

are missing the point. What makes COVID-19 dangerous is not so much the threat it poses to the average person’s life, but the threat it poses to economic growth. Uncertainty surrounds it because it is so difficult to detect in its early stages when many carriers are both infectious and asymptomatic. We don’t know for sure how many people have it, so we don’t exactly know its reproduction number and its mortality rate. There’s no vaccine and there’s no cure. Last week, this uncertainty, crystallized by a leap in the num-

ber of Italian cases, gave the U.S. stock market its worst week since the great banking crisis of 2008-09. I have often been asked in the past few years where the next financial crisis would come from. I have said time and again that it would come not from the United States but from China, now the second-largest economy in the world. Sure enough. A pandemic is very different from a bank run, to be sure. But in each case we witness the same phenomenon, which is characteristic of a networked world: a cascade of con-

sequences driven by fear of the unknown. Although old enough to be in the vulnerable part of the population, Donald Trump, 73, is well known for his high standards of personal hygiene (“germaphobia”). It is his presidency that is in mortal danger from COVID-19 more than his life. Although his administration did indeed take the right decision, early in the Chinese outbreak, to limit travel from China to the United States, it did little to prepare for the eventuality of a large U.S. outbreak. Worse, last week, Mr. Trump made the mistake of playing down the risk. But there will seemingly soon be an outbreak in California. No one knows for sure because, we learned last week, there are just 200 functioning diagnostic kits in the entire state. As president, George W. Bush had at least four brushes with the horsemen of the apocalypse: the September 11 terrorist attacks, then the war he launched against Saddam Hussein, followed by Hurricane Katrina, which would have made him a one-term president if it had happened a year before. Finally, there was the financial crisis, which drove his popularity down to its nadir and doomed John McCain’s attempt to keep the White House in Republican hands. A COVID-19 outbreak in one or more large U.S. cities would inflict a September 11-level hit on the U.S. economy and a Hurricane Katrina-level hit on Mr. Trump’s popular approval. The fact that the principal beneficiary in that scenario would be a lifelong democratic socialist committed to universal public health care must be the kind of thing the gods find entertaining.

The U.S. has a problem with prescription-drug prices. Canada shouldn’t try to fix it

UJJAL DOSANJH
OPINION
Former federal minister of health and premier of British Columbia from 2000 to 2001

President Donald Trump and the U.S. Congress are scrambling to find ways to make medicines more affordable, particularly with a major national election coming up this year. One of the solutions that is gaining traction is to import comparatively low-cost drugs from Canada to meet the U.S. demand. Our policy makers should waste no time in nipping this idea in the bud and telling our American friends, sorry, but you can’t have our drugs. End of story. There has been a great deal of attention paid of late to the fact that many Canadians cannot gain access to a frequently used breast-cancer drug because of

manufacturing disruptions and a demand that exceeds supply. But this is far from an isolated case. According to Health Canada, we are experiencing shortages in close to 2,000 drugs right now. It is folly to believe that a country struggling to meet the needs of its own people can help the much larger population in the United States meet theirs. Here’s the reality: We control prices here through the Patented Medicine Prices Review Board. Under these government price controls, drug manufacturers are going to sell just enough supply to meet the needs of the Canadian population. These companies are not going to make surplus supplies available in Canada just so they can be shipped to the U.S. at cut-rate prices. That’s an economic fantasy. If we allow the U.S. to import drugs from Canada in numbers that could actually impact prices there, our own drug inventories will be depleted, and the phar-

maceutical companies will have no financial incentives to restock those shelves. We have been down this road before. A little more than a decade ago, the notion of drug importation was heating up in the U.S. political system. A bill was introduced in Parliament to amend our Food and Drugs Act to provide the minister of health the authority to ban bulk drug exports. This made logical sense in order to protect the health and well-being of Canadian citizens. In fact, our country’s pharmacists, patient advocates and participants in the supply chain issued a statement at that time saying, in part, “allowing Canadian price-controlled medicines to be exported to the United States will damage the Canadian drug supply and could very well lead to increased drug prices for Canadians.” Parliament didn’t pass that measure, even though Canadian-

based internet pharmacies were selling hundreds of millions of dollars worth of drugs across the border. Perhaps members of Parliament thought at the time that the American push for drug importation was just a passing political fad. As we see now, it was not. U.S. government leaders still want our drugs so that they don’t have to do the hard work of fixing their own health-care system. There is another danger that accompanies the U.S. push for our cheaper drugs. With a demand vacuum that the Canadian drug supply can’t possibly fill, counterfeit drug traffickers will try to make up some of that gap. Drug counterfeiting is a very real, pervasive and growing problem, and Canada is at risk of becoming a major junction point for traffickers to move their product into the U.S. We don’t have the capacity to secure our borders against illegal drug shipments going out to our southerly neighbours, and U.S. authorities

don’t have a plan to track and trace potentially dangerous substances entering their country under a drug-importation program. The U.S. Drug Enforcement Administration has, in fact, issued a recent warning about counterfeit pills containing potentially lethal levels of fentanyl making their way into communities. We don’t want to see our U.S. counterparts harmed by this worsening counterfeit-drug phenomenon and we also don’t want those fake pills coming through Canada on their way to the U.S. Parliament should revisit what it didn’t do in the past decade: enact a law that will ban any bulk shipment of pharmaceuticals to other countries. U.S. policy makers have the misguided notion that we can magically fix their drug price problem. We need to do our friends the favour of providing some tough love and tell them they need to look elsewhere for answers.

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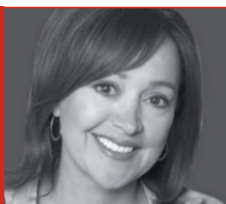
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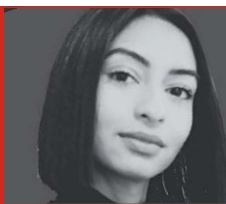
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ISTOCK

My son and his wife are keeping their kids home from school. How can I change their minds?

There’s a significant difference between home-schooling and unschooling, and it certainly raises major issues

DAVID EDDIE



OPINION

DAMAGE CONTROL

The question

My son and daughter-in-law refuse to send their children to school and refuse to talk about it. She, who did not graduate from high school, has decided that “unschooling” is the way to bring up happy, resourceful children, who are not forced to be in the prisons we call schools. In fact, because they will find great freedom in being unleashed to just play, they will gravitate toward the things they want to learn and educate themselves. At least that is the theory. As a result, they have a seven-year-old who cannot read.

My husband and I have graduate degrees, and we believe that there is no future for our grandchildren without education. I try to discuss it with my son, but he supports his wife, who takes great offence at any of her ideas being questioned. How can we deal with this situation?

The answer

There’s so much to unpack here, I better roll up my sleeves and get right down to it.

First, the difference between home-schooling and unschooling. Roughly speaking: Homeschooling is more parent-directed. The parent acts as a de facto teacher. There is (often) a curriculum and/or

textbooks; the parent/teacher guides and/or (metaphorically) lashes the youngster forward to heights of achievement that might not have been afforded to them in the more traditional school system.

Unschooling – well, the general idea is it’s more kid-directed. You just let the kid play and hope they find an area of interest and pursue it. Registration rules vary by province, but it is legal across Canada. In most cases, parents are just required to notify or register with their school board each September.

John Holt, generally thought of as the father of unschooling, has said, “School is a place where children learn to be stupid.” And he says he doesn’t call it unschooling; he calls it living.

Call me old-fashioned – actually, I could end the column right there. “Call me old-fashioned,” *click, dial tone*.

Many websites promoting unschooling feature pictures of kids on a beach, checking out seashells or hermit crabs or whatnot, and you can almost see the thought balloon above their heads: “Hmm, maybe I should go home and research the history of hermit crabs.”

Sorry, but if I were to unschool my kids, they would probably spend their days playing first-person-shooter games in the basement, and the only ancillary research they’d be doing would be whether it’s more advisable to terminate a giant attacking hermit crab with a grenade launcher or a flame-thrower.

(Then: “Hmm, flame-throwers, how do they work?” Followed by a quick Google search, a.k.a. “homework.”)

And if I home-schooled them, the only difference is I’d probably be in the basement with them, saying stuff like, “Hey, J.J., maybe the ‘bouncing betty’ would be the best choice to blow up the giant hermit crab attacking you. Did you know a ‘bouncing betty’ is a class of mine that springs into the air before exploding? Originally invent-

ed by the Germans, it is technically known as an ‘S-mine,’ and –”

J.J., thumbs wiggling wildly: “Dad, could you shut up? I’m a little busy here.” Blam-diddy-blam-blam-ka-BOOM!

As I mentioned earlier, truly, it works for some. But if we’re talking about a seven-year-old who can’t read, then my pen is obliged to flash from its scabbard.

Don’t even get me started on reading. You read, you can do anything: Become a doctor, a lawyer, begin to have an understanding of human nature and history, and ...

Anyway, as I say, don’t get me started. I’m a little haunted, as a writer, by raising a generation of not-really-readers, but there are encouraging signs.

You, I would say, should bang that drum mercilessly, come down on your offspring like darkness on an innocent peasant village for raising (the only *mot juste* here) an illiterate child.

And if they refuse? Sorry, but your only choice is to let it go. You’ve done what you can. Inhale, exhale, and let your kids mess up their kids as you no doubt messed them up.

In the (here bowdlerized) words of Philip Larkin, former poet laureate of England, from his poem *This Be the Verse*: “They [mess] you up, your mum and dad/They don’t mean to but they do/They fill you with the faults they had/And add some extra just for you ... Man hands on misery to man/It deepens like a coastal shelf” ... yadda, yadda, yadda, ... “don’t have any kids yourself.”

But it’s too late for that, so the best bet for now: Just grin and bear it, and worry about your own problems.

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.

Mark Bourrie wins final RBC Taylor Prize

TORONTO

Mark Bourrie has been named the final winner of the RBC Taylor Prize for literary non-fiction.

The Ottawa journalist and historian was awarded the honour, which comes with a \$30,000 cheque, at a Toronto luncheon Monday for *Bush Runner*.

“For a long time I wondered if anybody cared about what I wrote,” he told the crowd, choking back emotion. “People do.”

Published by Biblioasis, the biography follows the swash-buckling escapes of fur trader Pierre-Esprit Radisson, who helped found the Hudson’s Bay Company. In their citation, jurors praised Bourrie for his picaresque portrayal of “the humane con artist of heroic stamina and fluid loyalties.”

He beat out non-fiction titles by Globe and Mail reporter Robyn Doolittle, B.C.-based journalist Jessica McDiarmid, science broadcaster Ziya Tong and Canadian-born, Colorado-based historian Timothy Winegard.

The RBC Taylor Prize, which is shutting down after two decades, celebrates Canadian non-fiction writing.

Each finalist receives \$5,000, with Bourrie taking home an additional \$25,000.

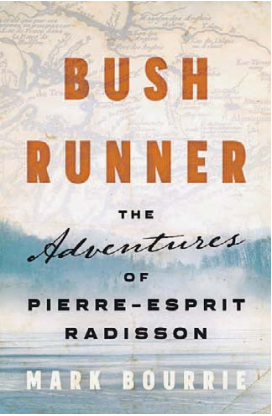
Jurors Margaret Atwood, Coral Ann Howells and Peter Theroux culled the 2020 short list from a record 155 submissions, according to organizers.

First awarded in 2000, the RBC Taylor Prize honours late Canadian writer and historian Charles Taylor’s commitment to literary non-fiction.

In announcing that this year’s prize would be the last, the Charles Taylor Foundation said it had “more than fulfilled” its original mandate of fostering appreciation for the genre.

Organizers say more than 100 Canadian non-fiction writers have benefited from the prize program. Previous recipients include Carol Ann Shields, Charles Foran, Thomas King, Ian Brown and Tanya Talaga. Past laureates were shuttled in for a Toronto bash over the weekend to celebrate what the prize has accomplished over 20 years.

THE CANADIAN PRESS



I found my son and his cousin showing each other their privates. What should I do?

SARAH ROSENSWEET



OPINION

PARENTING SOS

The question

I found my four-year-old son and his four-year-old girl cousin showing each other their privates. What should I do?

The answer

Don’t panic. This is very normal.

But first, a note: There are some red flags of which readers should be aware. I found a very informative article on the American Academy of Pediatrics website, HealthyChildren.org, called “Sexual Behaviors in Young Children: What’s Normal, What’s Not.” If you find anything here that concerns you, do not address your child about it. First, speak to your family doctor or another professional.

If the above scenario does not apply, don’t make your son and his cousin feel bad or embarrassed for engaging in this completely age-appropriate activity, but do remind them of the body privacy rules. If you discover another viewing session, simply say, “Remember, your body and your private parts are private.” Redirect them into another activity. You’re not done yet, though. It sounds like you need a plan going forward.

If you haven’t already taught your child body privacy and autonomy rules, now is the perfect time. You can say, “All the parts of your body that are covered by your bathing suit are private. No one is allowed to touch you there and we don’t show those parts to other people. They are just for you.” This is a conversation to have not just once, but frequently with children of all ages.

We must also remind our children that no one is ever allowed to touch their bodies in a way that hurts them or makes them

feel uncomfortable. This includes not forcing hugs or kisses. A child who is taught, “My body belongs to me,” and has a parent who backs them up, is a child who will be able to stand up for themselves should they ever need to.

A child who is taught, ‘My body belongs to me,’ and has a parent who backs them up, is a child who will be able to stand up for themselves should they ever need to.

The reason children ask to see and show their “privates” to each other is that they are curious! They wonder, what *do* penises and vulvas look like? How does theirs look different from mine? What does the part of my body where the poo comes out look like? It’s our job to help them get the answers to these questions so

they don’t have to ask their cousins.

This can be hard for us as parents if we didn’t grow up with open and honest conversations about our bodies and sexuality. Talking to kids about their bodies and sexuality won’t make them more curious. It will, however, make them stop looking elsewhere (like in their cousin’s pants or on the internet) for answers.

Educate yourself about how to talk to kids about sex and bodies. I like BirdsAndBeesAndKids.com, but there are lots of resources out there for parents. It’s okay if you’re awkward or not sure what to say. Your child will appreciate your effort and also learn that parents are safe people to come to when they have questions.

Teach your child the correct names for all body parts. They should know the words for penis and vulva just like they know ear and elbow. This is not only to satisfy their curiosity. Experts agree

that knowing the correct anatomical names is a factor that helps prevent sexual abuse.

Get some good age-appropriate books for your child that will help you teach them what they need to know. Books like *Who Has What?* and *It’s Not The Stork!* by Robie Harris are good places to start.

The great news is that our children, if we start young enough, are usually not embarrassed like we might be. You can say, “I wonder if you and your cousin were looking at each other’s privates because you have some questions. You can ask me anything you want to, sweetie.” Encourage and answer all questions as honestly as you can, without giving more detail than they are asking for. Remember that curiosity about bodies is perfectly normal and nothing to be upset with your child about. It’s a wonderful learning and teaching opportunity.

National Ballet’s Angels’ Atlas is a glimpse of the infinite

Crystal Pite works with loss and light in her addition to unmissable triple bill that also includes a company staple, a fitting farewell to a principal dancer

PENELOPE FORD

BALLET REVIEW

Angels’ Atlas / Chroma / Marguerite and Armand
NATIONAL BALLET OF CANADA

Angels’ Atlas, which had its world premiere at the National Ballet of Canada on Saturday, marks another triumph for Canadian choreographer Crystal Pite. Building on her enigmatic movement style, Angels’ explores the human condition to rapturous choral music and ingenious lighting design. Presented alongside Wayne McGregor’s smash hit Chroma and Frederick Ashton’s Marguerite and Armand, which honours Greta Hodgkinson’s near 30-year career, it’s a program not to be missed.

The hyperkinetic Chroma, by British choreographer Wayne McGregor, opened the program. In the company’s repertoire since 2010, Chroma pairs physical extremism with emotional neutrality, a mesmerizing discord of hyperextension and blank expressions. The set is an all-white box (think Apple store) with a rectangle cut in the back for the dancers to slip through. Set to Joby Talbot’s brassy arrangement of songs by the White Stripes, it has the dancers wield McGregorisms – undulating torsos, cranking legs – like weapons before stalking nonchalantly off.

The cast on opening night was stellar, with Svetlana Lunkina setting a near brutal tone from the outset, with her gymnastic fluency and cold execution. Tanya Howard and Tina Pereira were also



A cast of 36 dancers perform in Angels’ Atlas, before a backdrop of projected light on a pitch-dark background. KAROLINA KURAS

standouts, dreamier and no less physically prodigious, along with elegant newcomer Alexander Skinner and Siphesihle November – crowds will come to see him dance, and so they should.

Hodgkinson retires as principal dancer after her performances this week in Ashton’s Marguerite and Armand. It is a fine choice for a farewell: Marguerite commands the stage, draped in gowns by Cecil Beaton. With themes of love and sacrifice, this ballet is bittersweet, eternal. It has a choreographic texture that doesn’t call for show-off technique but is nonetheless rich.

Created in 1963 for Rudolf Nureyev and Margot Fonteyn, the ballet was made almost untouchable by their legend, until French ballerina Sylvie Guillem broke

the spell, resurrecting the ballet with Nicolas Le Riche in 2000. Since then, it has flourished on dozens of stages and, for the first time this week, at the National Ballet.

Hodgkinson was a refined, resplendent Marguerite and Guillaume Côté a sincere, devoted cavalier as Armand. Liszt’s Piano Sonata in B Minor was played exquisitely by Zhenya Vitort. It was a stunning performance to cap an astonishing career with no room for regrets.

Pite’s Angels’ Atlas doesn’t break new ground so much as go deeper into it. Light projected onto a pitch-dark background stains like ink in water, or smoke, ceaselessly morphing. The dancers, making up a 36-strong cast, take even spaces across the stage, no

leaders in this egalitarian troupe.

Choral voices of Tchaikovsky’s liturgical Cherubic Hymn rise, taking us immediately to an otherworldly place, more Delphic than angelic. In the half-light, people here toil, struggle, sweat. They move as a pack, tearing apart, knitting back together driven by an unseen force. Crouching low, they pulse to a beat (original music by Owen Belton), like a pounding heart.

There is no story per se, but the leading duet, danced by November and Hannah Galway, centres on loss. November ribbons across the floor in a velvet flow, Galway matches the gravitas in soft and sharp movements – fighting, falling, failing. In a beautiful sequence, the corps echo the feeling, pulling one another one by

one to the ground in a way that reminds me of pulling a paper lantern into shape. Each body criss-crosses the other, falling with infinite lightness to the earth.

This is familiar territory for Pite, whose work often resounds with themes of mortality, love, loss. With Angels’, Pite said she wanted to create conditions to allow one to glimpse the infinite. There is a spirituality here that suggests we are in darkness, stained by light, and there is so much more to see.

Special to The Globe and Mail

Angels’ Atlas / Chroma / Marguerite and Armand runs at the Four Seasons Centre for the Performing Arts to March 7.

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THE GLOBE AND MAIL

FIRST PERSON

WHAT GRAMMA BROUGHT TO THE TABLE



ILLUSTRATION BY CHELSEA O'BYRNE

Our grandmother crocheted dozens of tablecloths, and after 40 years of gatherings and meals, each stain tells a story, **Catherine Folkersen** writes

As I ironed my hand-crocheted tablecloth, I realized it was turning 40 this year. I was ironing an anachronism. Crocheting is almost a lost art and tablecloths are not a common sight when dining at home.

Gramma Domaratzki gave it to me when I turned 18 (she made one for all the women in our family) and while it would be 10 years before I used it, I ever so carefully moved, stored and treasured the heirloom.

This year, I notice a few stains are stubbornly hanging on – much like the age spots I see when I check the mirror. Neither cause me to change course; life happens and it is not always a Tide commercial.

Gramma used white cotton thread for her creations. She crocheted lacy, large tablecloths that were made of many identical, individual pieces, which she invisibly stitched together to make the finished piece. A field of white flowers or pinwheels was then ready to cover an eight-to-10-seat table.

I don't think I ever saw Gramma without a crochet hook and thread except when she was eating. She completed tablecloths for each of her daughters and daughters-in-law – 10 in number – before she started crocheting tablecloths for the next generation.

These gifts were made for the eldest daughter in each family because the younger sister was to inherit their mother's tablecloth. But once Gramma finished those tablecloths, she realized she had time left to work on more, so she crocheted one for each younger daughter after all. Now do the math: she had 10 children who married; five had two daughters, three had three daughters and two had one daughter. So, 31 tablecloths satisfied the female complement in her family.

When my grandmother turned 80, her birthday party was held at the hall in Ethelbert, Man. All the tables were covered with her creations. Gramma had raised her family in this town and even though she lived less than an hour away in Dauphin, Man., the family still liked to gather in Ethelbert.

I was 23 then, but this was long before Instagram – an opportunity lost. To see such a display of one woman's labour was heartwarming, and the food was delicious. The food was always sublime in Ethelbert, largely because of my Aunt Mary and her outdoor summer kitchen. It had a stove, fridge, freezer and a large table down the middle with benches on each side. When I say sublime, I really mean it. Chicken soup at noon from a chicken butchered at dawn followed by fresh strawberries and unpasteurized farm cream. She taught me the diligence it takes to prepare great food from a recipe that probably only existed in her head.

According to my mother, Gramma only worked on one tablecloth at a time, so it was quite a surprise when Gramma passed away that my mother received two tablecloths that were partly complete. She was the only one of 10 children who knew how to crochet. (Something I took advantage of years ago when a candle dropped embers on my tablecloth and burnt through in three places.) My mother finished these cloths for the next two grandsons to marry, one of whom is my brother.

These days, my mother no longer crochets, and the wear and tear on my heirloom tablecloth is evident. But I take pride in the gravy dripped, wine spilled and sauces slopped because my imperfect tablecloth is an indication of time spent with friends and family, sharing stories, food and time together. The tablecloth has listened while the Gulf War raged, free trade was debated, the Saskatchewan treasury went bankrupt. It's heard about canoe trips, overseas travel, births, marriages, retirements and deaths. It has heard laughter from many, and maybe a tear or two, but mostly laughter. If only my tablecloth could write this story.

Some in my extended family may choose to save their tablecloth for the next generation, but I intend to use it up. Much as I am sure that while my Gramma understood her grandchildren wouldn't be crocheting tablecloths, it didn't stop her from creating and giving them.

Maybe our grandchildren won't play host to family dinners or even have a dining room table (I'm agast at this notion), but they are welcome around our table any time. Life goes fast and taking time for dinner has linked our lives in the sharing of so many joyful events and milestones.

At this year's Christmas meal, our youngest grandson, who is 2, pulled up to the table and managed to get most of his cabbage rolls into his mouth, but not all. I didn't blink and didn't worry – this is how young ones come to enjoy family gatherings. The look on his face – proud to be sitting and devouring a meal at the adult table – was better than having a pristine cloth at the meal's end.

I will soak the cloth, and soak it again and then handwash it and pray that it lightens up so that by the time he joins us next, the evidence of a two-year-old will be gone. But soon his little sister will be pulling up a chair and enjoying her dinner, and she already looks as if she'll love cabbage rolls.

It is the greatest of pleasures that our family, now numbering 15, loves getting together around our table. My grandmother's 40-year-old tablecloth makes the celebration that much sweeter.

Catherine Folkersen lives in Saskatoon.

CBC hits true-crime jackpot with The Oland Murder

JOHN DOYLE

OPINION



TELEVISION

The popular culture moves along in odd patterns, shifting this way and that. A format or genre is popular and then there's a reaction against it, sometimes propelled by new technology and sometimes just by human curiosity.

When *CSI: Crime Scene Investigation* arrived on CBS 20 years ago, it offered something new – a procedural forensics crime drama that relied heavily on the audience's belief that cutting-edge science took the guesswork out of crime-solving. The show, its spinoffs and shows that imitated it were often unnervingly explicit, especially in depicting sexual fetishism, but also unnervingly admiring of science-based police work.

Real crime-solving is never as cut and dried as depicted on such TV shows and the rise of the true-crime genre, first in podcasts and then in documentary series on streaming services, was the inevitable reaction to *CSI*-like crime-solving drama. The key ingredients for successful, gripping true-crime docuseries are a murder, a puzzle, possible miscarriage of justice and possible mistakes or bias by those in authority.

The Oland Murder (starts Wednesday, CBC, 9 p.m.) has the key ingredients by the bucketful. CBC's four-part look at the murder of Richard Oland, of the Moosehead Breweries family, and what happened after, is terrific true-crime storytelling. CBC says, "*The Oland Murder* offers viewers extraordinary and unprecedented access to the accused, his legal team and their private investigators." That's not an idle boast. The story is both sensational and macabre, but it isn't presented as sensationalism. It just digs deeper and deeper with impressive insider access to key players.

We are first given a portrait of "small, foggy" Saint John, New Brunswick. That's where, on a warm July evening in 2011, Richard Oland was brutally murdered in his office. At first, the visuals seem a bit overstated, but when the brutality of the murder is made clear, they don't seem overstated at all. Then we hear the voice of Dennis Oland saying, "A small-town police force decided that I killed my father."

Dennis Oland immediately became the police's only suspect. You can see why, at the beginning of this tangled tale. The story takes place at the intersection of class, money, power and tricky family dynamics. Assumptions were made on that basis. There was evidence that Dennis had visited his father at around the time of death. There was evidence that Dennis had money troubles. There was history: a successful, abrasive father having a sometimes-tense relationship with his son.

The story is both sensational and macabre, but it isn't presented as sensationalism.

That son was convicted of second-degree murder and sent to prison. He insisted on his innocence. After he spent 10 months in prison, the original verdict was overturned, Dennis Oland was released and a new trial ordered. That's the point at which this series really starts. Series director Deborah Wainwright persuaded Dennis Oland, his mother and other family members to participate in the project. But it's not just that access that gives the series depth and force. CBC's regional resources and archives are a huge part of it.

By the end of the first hour, it becomes clear that Dennis Oland's defence team has issues with the original police investigation. An extraordinary number of people wandered through the crime scene. And that's not the only suggestion of incompetence. As one of the defence lawyers says with contempt, "You don't have to be Sherlock Holmes to think you might check the bathroom to see if the killer cleaned up." What arises, as often happens in genuinely gripping true-crime series, is the possibility that the police had a tunnel-vision approach and could not be shifted from their first assumption, no matter how much contrary evidence piled up.

We get to see inside defence team meetings and hear from local reporters and forensic experts. We witness the arrival into the story of a woman, allegedly Richard Oland's mistress, who was in touch with him on the day of the murder. We hear a lot about a missing cellphone and where it might have been in the hours after the crime. What we don't get is footage from inside the courtroom. For that, the series uses animation that's rooted in courtroom sketches. It takes a while to adapt to this technique but it works.

The Oland Murder will air over four Wednesdays. This is a drawback for CBC TV in that it's impossible to binge-watch this twisting, tangled and well-told story. But eventually it will all be available on CBC Gem to stream. In the meantime, the first hours are highly recommended. This is a gripping, sobering account of a grisly murder and the knotted legal case that followed, and it is insightful about the social landscape of one very particular part of Canada.

With that, I leave you for a few days. Enjoy what you watch, be good to each other and wash your hands often. Back next week.

First Person is a daily personal piece submitted by readers

Have a story to tell? Please see the guidelines on our website tgam.ca/essayguide, and e-mail it to firstperson@globeandmail.com

TODAY'S SUDOKU SOLUTION

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

TODAY'S KENKEN SOLUTION

30x	10+	5-	5	2÷		
3	4	6	5	1	2	
5	6	1	2	4	3	
2	1	5	6	3	4	
11+	6+	4	6x	20x		
6	5	4	3	2	1	
7+	4	2	3÷	6	5	
1	5+	1-		6	6	



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WORLD FORECAST

	TODAY	WED.	THUR.
AMSTERDAM	8/4R	8/1PC	7/1R
ATHENS	18/13S	15/9R	16/8PC
BANGKOK	33/27S	34/26PC	32/26T
BEIJING	9/-3S	8/-2S	10/0S
BERLIN	7/0R	7/0PC	9/3PC
BRUSSELS	8/1R	9/4R	9/2R
COPENHAGEN	6/2R	7/2PC	5/2PC
FRANKFURT	6/0R	6/-1PC	4/2R
HONG KONG	20/19PC	20/17R	17/15R
JERUSALEM	17/10S	20/12S	21/10S
LAS VEGAS	21/10S	21/11S	23/13S
LONDON	10/2R	10/3R	10/4R
LOS ANGELES	27/13S	25/13S	25/15PC
MADRID	13/10C	17/9PC	15/6R
MIAMI BEACH	25/23R	26/24S	27/24PC
MOSCOW	4/2R	7/3C	11/6C
NEW DELHI	27/15S	28/16S	25/16R
NEW YORK	11/6R	11/2S	9/3S
NICE	15/7PC	15/8PC	14/9R
ORLANDO	29/17PC	31/20PC	32/17PC
PARIS	9/0PC	9/6R	10/3R
PHOENIX	22/9S	23/11S	27/17PC
ROME	14/3R	16/0R	15/10PC
SAN FRANCISCO	14/10S	17/11PC	14/11C
SEOUL	10/1PC	5/-3PC	6/-3S
SINGAPORE	30/25R	30/26R	30/26C
SYDNEY	22/20C	24/21R	25/21R
TOKYO	15/7S	10/7R	14/5PC
WASHINGTON	17/8R	16/4PC	13/4PC

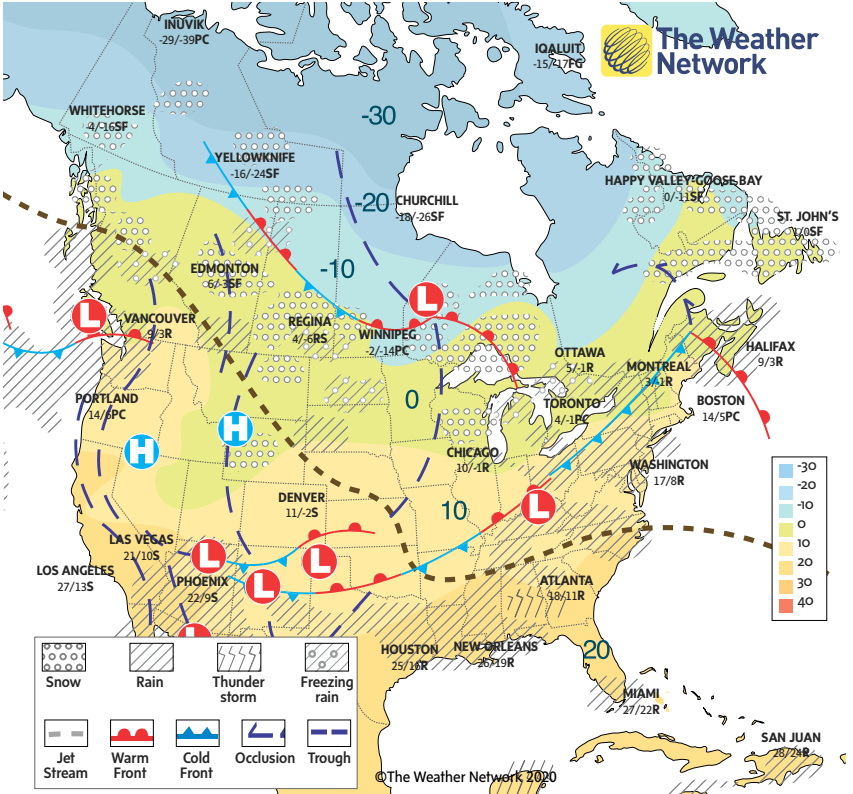
LEGEND

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

NATIONAL FORECAST

	TODAY	WED.	THUR.
BANFF	5/4RS	-3/-11SF	1/4PC
BARRIE	5/-1R	2/-6SF	3/-2PC
BRANDON	1/-13PC	3/-3RS	-1/-10SF
CALGARY	9/-1S	3/-9SF	7/-1PC
CHARLOTTETOWN	5/0R	5/-2R	0/-6SF
CHICOUTIMI	3/-3PC	1/-5SN	0/-8PC
CHURCHILL	-18/-26SF	-17/-19PC	-13/-25PC
CORNER BROOK	2/-25N	2/-2RS	-2/-6SN
CORNWALL	5/0R	4/-3SF	3/-3PC
EDMONTON	6/-3SF	2/-12PC	-1/-4PC
EDMONTON	9/3R	6/0R	4/-3PC
HAMILTON	5/-1C	5/-5PC	4/0S
HUNTSVILLE	4/-2RS	1/-5PC	1/-3PC
IQALUIT	-15/-17FG	-11/-18SN	-18/-26C
JASPER	5/-5RS	-2/-10PC	1/4PC
KELOWNA	10/1PC	5/4RS	8/1PC
KINGSTON	5/0R	4/-3PC	2/-1S
LONDON	7/-1PC	6/-5PC	4/0S
MONTREAL	3/-1R	4/-2PC	2/4PC
NIAGARA FALLS	8/0R	5/-3PC	5/1S
NORTH BAY	2/-3PC	0/-6SF	-1/-5SF
OTTAWA	5/-1R	4/-3SF	2/4PC
PRINCE GEORGE	5/-3RS	1/6PC	6/-5RS
PETERBOROUGH	4/0R	2/4PC	2/-2S
QUEBEC	6/-1PC	3/-2SN	4/-5S
REGINA	4/-6RS	6/-2PC	2/-3PC
SASKATOON	1/-7SF	1/4PC	0/-3PC
SAULT S. M.	3/-2RS	-1/-5SF	0/-3SN
SAINT JOHN	7/3R	4/0R	4/4PC
SEPT-ÎLES	0/4SF	1/4C	-1/-9C
ST. JOHN'S	1/0SF	4/1RS	1/-2SF
SUBURBY	1/-3PC	1/-7SF	0/4SF
THUNDER BAY	4/-6SF	0/-6PC	0/-10SN
THOMPSON	-6/-17PC	-5/-11PC	-3/-9PC
TORONTO	4/-1PC	4/4SF	3/0S
VAL D'OR	-1/-6C	0/-7C	-3/-8PC
VANCOUVER	9/3R	7/3S	7/2R
VICTORIA	10/4R	8/5S	8/3R
WHISTLER	5/-3R	1/-3SF	2/-3RS
WHITEHORSE	-4/-16SF	-10/-20SN	-18/-23SF
WINNIPEG	-2/-14PC	0/-3SF	-2/-14PC
YELLOWKNIFE	-16/-24SF	-21/-29SF	-24/-25PC



BRIDGE

BY STEVE BECKER
TUESDAY, MARCH 3, 2020

West dealer.
North-South vulnerable.

The bidding:

West	North	East	South
3[S]	Pass	Pass	4[D]
Pass	4[S]	Pass	6[D]
Opening Lead – queen of spades.			

NORTH		EAST	
♠AK643	♠—	♥J986532	♥—
♥7	♥—	♦832	♦—
♦Q94	♦—	♣Q104	♣—
♣K852	♣—		
WEST		SOUTH	
♠QJ109872	♠5	♥AQ	♥—
♥K104	♥—	♦AKJ1075	♦—
♦6	♦—	♣A963	♣—
♣J7	♣—		

The importance of planning the play of a hand before proceeding cannot be overemphasized. Declarers prone to impulsive play eventually learn how costly this can be.

Consider this case where South reached an excellent six-diamond contract after West opened with a preemptive three-spade bid. North's four-spade cuebid showed first-round spade control plus interest in slam, and South was happy to oblige.

West led the queen of spades, covered by the king and ruffed by East. South could not avoid

also losing a club at the end, so he finished down one.

Declarer was clearly at fault for losing the slam. Given West's three-spade bid, it was virtually certain that East would ruff the king of spades at trick one. Having been thus forewarned, South should have played a low spade from dummy on the opening trick, preserving North's A-K of spades for later use.

If West next led another spade, declarer would again play low from dummy and ruff in his hand. It then would have been a simple matter for South to ruff the queen of hearts in dummy

before drawing trump, after which the A-K of spades would furnish discards for his two losing clubs. In all, declarer would score six diamonds, two spades, two clubs, the heart ace and a heart ruff for 12 tricks.

A good case can be made for playing a low spade from dummy on the opening trick even with no opposing bidding. But in the given circumstances, declarer's play at trick one was suicidal as well as impulsive, and it cost him a vulnerable small slam.

CHALLENGE CROSSWORD

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

CRYPTIC CLUES

- ACROSS**

 - 1 Pricy sort of article from a Mediterranean island (7)
 - 5 Two small companies with a drink product (5)
 - 8 It won't occur if the right types are chosen (8,5)
 - 9 Spring in the country (5)
 - 10 She makes me return the papers (7)
 - 11 Sign of a pressing need (6)
 - 12 Blurt out the article included is vicious (6)
 - 15 Tale a hundred tell (7)
 - 17 Where strikers are found to be at work (5)
 - 19 One may get a ring back to confirm this (6,7)
 - 20 Managed to get straight in line (5)
 - 21 Reveals former attitudes (7)
- DOWN**

 - 1 Manages investments (5)
 - 2 But it's not where the army trains its recruits (7,6)
 - 3 Gives voice and breaks the tension (7)
 - 4 Gives patient attention (6)
 - 5 Man appears in headgear that's inexpensive (5)
 - 6 What electricians like to read about? (7,6)
 - 7 It is pressed into use when distribution by air is required (7)
 - 11 Have trouble getting up? (7)
 - 13 It unfolds and gives way (7)
 - 14 Ernest has the makings of a writer (6)
 - 16 Tip in stupendous style (5)
 - 18 Loss of water, it's said, in vegetables (5)

QUICK CLUES

- ACROSS**

 - 1 Lose hope (7)
 - 5 Authoritative tenet (5)
 - 8 Natural exuberance (6,7)
 - 9 Compare (5)
 - 10 Underground prison cell (7)
 - 11 Having an end (6)
 - 12 Official (6)
 - 15 Morally correct (7)
 - 17 Irritable (5)
 - 19 Forthcoming (13)
 - 20 Evade by cunning (5)
 - 21 An unexpected blessing (7)
- DOWN**

 - 1 Slow lengthened utterance (5)
 - 2 Unprogressive person (5-2-3-3)
 - 3 Versus (7)
 - 4 To dwell permanently (6)
 - 5 Condescend (5)
 - 6 Remote-controlled weapon (6,7)
 - 7 Store of weapons (7)
 - 11 Swindled (7)
 - 13 External (7)
 - 14 Aviation (6)
 - 16 Motive (5)
 - 18 Return from investment (5)

SUDOKU

DIFFICULTY RATING: ★★☆☆☆

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

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.

30×	10+	5−	5	2÷	
			11+	1−	
	6+			6×	20×
11+		4			
7+		3÷		6	
	5+		1−		6

KENKEN

INSTRUCTIONS

1. Each row and each column must contain the numbers 1 through 6 without repeating.
2. 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.
3. Freebies: Fill in single-box cages with the numbers in the top-left corner.

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YESTERDAY'S CRYPTIC

ACROSS: 1 Loner, 8 Wheatear, 9 Pence, 10 Accurate, 11 Relay, 12 Air, 16 Stages, 17 Extort, 18 Pip, 23 Crest, 24 Amputate, 25 Films, 26 Rallying, 27 Agent.
DOWN: 2 Operetta, 3 Exchange, 4 Chichi, 5 Gamut, 6 Renal, 7 Green, 12 Asp, 13 Rep, 14 Starling, 15 Pressman, 19 Intent, 20 Cairn, 21 Spill, 22 Stays.

YESTERDAY'S QUICK

ACROSS: 1 Award, 8 Stopcock, 9 Blunt, 10 Airtight, 11 Lobby, 12 Wet, 16 Secure, 17 Afield, 18 Bug, 23 Faith, 24 Mainstay, 25 Renew, 26 Spacious, 27 Idiot.
DOWN: 2 Walkover, 3 Runabout, 4 Strike, 5 Spite, 6 Soggy, 7 Skate, 12 Web, 13 Tag, 14 Lie ahead, 15 All the go, 19 Uranus, 20 Smash, 21 Divan, 22 ASCII.

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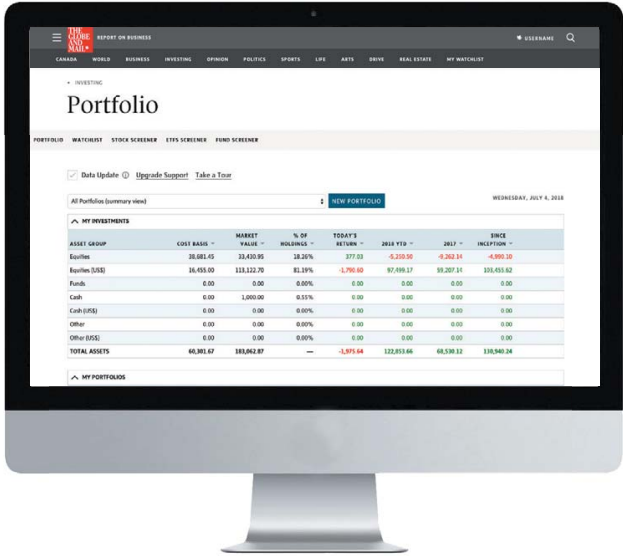
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+290.21

DOW
26,703.32
+1293.96

S&P 500
3,090.23
+136.01

NASDAQ
8,952.16
+384.79

DOLLAR
74.87/1.3356
+0.41/-0.0073

GOLD (oz.)
US\$1,594.80
+28.10

OIL (WTI)
US\$46.75
+1.99

GCAN 10-YR
1.10%
-0.03

BoC faces pressure to cut rate amid coronavirus fears

Observers expect move in bid to ease business, consumer uncertainty

DAVID PARKINSON
ECONOMICS REPORTER

Expectations of a Bank of Canada interest-rate cut this week have rapidly moved from unlikely to imminent as global governments and central banks begin to respond en masse to the escalating economic threat from the COVID-19 virus.

With Canada's top central bankers in closed-door deliberations for Wednesday's regularly scheduled in-

terest-rate decision, bond-market indicators show traders have now fully priced in a quarter-percentage-point cut in the Bank of Canada's key overnight rate, to 1.5 per cent from 1.75 per cent. A week ago, market pricing indicated only 30-per-cent odds of a cut.

The expectation follows a week of deep losses in financial markets and plunging prices for oil and other key commodities as the global spread of the virus widened – and fears spread even faster. Economists are convinced the

bank now has little choice but to reduce its key interest rate on Wednesday, to lean its weight against a rising tide of worry that could break Canadian business and consumer confidence – and drag the economy down.

"We got this added layer, with all this uncertainty," Royal Bank of Canada deputy chief economist Dawn Desjardins said.

■ BOC, B3

OECD warns coronavirus could halve global economic growth ■ B3

After market woes, GFL presses ahead with IPO priced below target range

JEFFREY JONES
TIM KILADZE

GFL Environmental Inc. has priced shares in its initial public offering below its target range after last week's meltdown in global financial markets, but it is still one of Canada's largest equity financings at a total of \$2.95-billion.

GFL, North America's fourth-largest diversified waste management business, is pressing ahead with the float of its shares after a week when the S&P 500 index lost nearly 12 per cent owing to fears over a global economic slump caused by the impact of the novel coronavirus.

The index rebounded 4.6 per cent on Monday. The S&P/TSX Composite Index, meanwhile, fell 9 per cent last week, before rallying nearly 2 per cent on Monday.

"I'm thrilled that in the face of very challenging market conditions over the last week, we were able to successfully market and price one of the largest IPOs in TSX history," said Patrick Dovigi, GFL's founder and chief executive officer.

"Raising approximately \$2.95-billion in this market is a testament to the continuing belief of our investors in the GFL story, as well as the day-to-day hard work and dedication of our employees."

The company pulled a deal to go public in November after investors questioned its heavy debt load.

■ GFL, B3

Former financier paid for sports car, private school tuition with investor money, court told



David Singh leaves court in downtown Toronto on Monday on the first day of his fraud trial. Mr. Singh is facing charges under the Ontario Securities Act in relation to two mortgage investment corporations that he founded. YADER GUZMAN/THE GLOBE AND MAIL

GREG McARTHUR
SECURITIES REGULATION REPORTER

The founder of what was once one of Canada's largest financial planning companies used investor funds for personal expenses such as private school tuition for his children and a sports car, and to pay back investors in "prior schemes," the Ontario Court of Justice heard on Monday.

David Singh, once a high-flying executive whose Fortune Financial Management looked after an estimated \$7-billion in assets in the mid-1990s, arrived late for the start of his trial on Monday, without a lawyer, carting his legal documents in a paper shopping bag.

The Ontario Securities Commission

is prosecuting Mr. Singh for three offences under the Ontario Securities Act – including fraud – in relation to two mortgage investment corporations (MICs) that he founded after he sold Fortune Financial.

The OSC took the case to the Ontario Court of Justice under a provision of the act that can result in penalties that are harsher than the sanctions an administrative panel can issue, and can even include jail time.

Shares in the companies – Rockfort MIC and Greenview Capital MIC – were touted to investors as risk-free investments in short-term mortgages with guaranteed returns between 8 per cent and 10 per cent, the OSC has alleged. Together, the companies raised more than \$5.6-million from 77 investors between 2014 and 2018, the court heard.

OSC prosecutor Rachel Young told the court in her opening statement on Monday that Rockfort and Greenview Capital "did not in fact have an underlying portfolio of mortgages."

Ms. Young told the court a witness will testify that Mr. Singh diverted investor funds to pay for his personal expenses – including his children's private school tuition and the lease on his Jaguar. She also said documents will show that he used investor funds to repay "investors on prior schemes."

Mr. Singh has not yet presented arguments or called witnesses. Asked outside the courtroom whether he wished to make a comment, he replied: "Not interested. Not interested."

Thirty years ago, Mr. Singh was much more willing to tell his story.

■ TRIAL, B9

Pension fund, Crown corporation to develop huge Toronto land tract

ALEX BOZIKOVIC
RACHELLE YOUNGLAI

A major public pension fund and a Crown corporation have teamed up to develop 520 acres northwest of downtown Toronto, in what will be the largest urban development project in the country.

Public Sector Pension Investment Board (PSP Investments) – the pension plan for federal public servants – and federal landowner Canada Lands Co. are in the early stages of figuring out plans for a new business and residential community on neighbouring lands they each own in the Downsview area.

The vast site has been used by the Canadian Forces and by aircraft manufacturers since the 1920s. Its current use by Bombardier Inc., including a 2.25-kilometre runway, has kept much of the land empty and imposed height limits on nearby buildings.

The pension fund recently created a real estate development company called Northcrest Developments to work on the project.

"This is about creating a new centre in the city," said Chris Eby, the executive vice-president of Northcrest and former chief of staff for Toronto Mayor John Tory. "It has the potential to be a place that has it all."

■ DOWNSVIEW, B2

INVESTING

As cannabis cools, psychedelic drug companies step up ■ B2

OPINION

World needs more Canada for feasible food production ■ B4

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INOVIO PHARMACEUTICALS	B10
JUST ENERGY GROUP	B2
MODERNA	B10
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SANOI	B10
TORONTO-DOMINION BANK	B3



RICHARD DREW/ASSOCIATED PRESS

OBITUARY

Remembering Jack Welch

Andrew Willis on his 'complicated legacy' ■ B4

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National women's team rowing coach fired five months out from Tokyo ■ B13

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Calgary Flames aim to bring recent dominant road form to the Saddledome ■ B13

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New Zealand's Chase Stanley returns to Wolfpack after resolving visa issues ■ B17

Just Energy shareholder seeks shakeup

Dallas-based investor Rob Snyder, who has criticized company's direction, proposes increasing number of board directors to eight

JEFFREY JONES
ANDREW WILLIS

Just Energy Group Inc.'s third-largest shareholder is looking to unseat most of the gas and power retailer's board of directors as its stock has floundered amid a lengthy search for buyers.

Rob Snyder, a Dallas-based investor and former competitor who owns 9.3 per cent of Just Energy, submitted shareholder proposals late last week to increase the number of directors on the board to eight from six, and has put forward a slate of six new nominees, including himself.

The nominees are well known in U.S. retail energy and invest-

ment sectors, especially in Texas, where Just Energy has sizable operations.

Mr. Snyder has been critical of the direction of the company and the leadership of its founder Rebecca MacDonald, and last autumn sent a harshly worded letter to the board raising questions about internal controls after the company reported \$74.1-million in charges related to customers not paying their bills.

At the time, he warned of unspecified shareholder action should the company's search for strategic options not result in a satisfactory arrangement to boost value for investors. Just Energy announced the strategic review, which often primarily means a search for buyers, in early June.

Despite some speculation of a deal last year, the company has not disclosed anything further.

In its third-quarter results last month, it said the process was "active" and that it had been in discussions about "strategic transaction opportunities," and that the company expects to re-

port on the outcome by June 30. It has retained Guggenheim Partners and National Bank Financial as advisers for the process.

In a recent report, analyst Raveel Afzaal at Canaccord Genuity Corp. said the company's most recent quarterly financial results were 'below expectations and Just Energy will likely need another debt amendment' from lenders by the fourth quarter of this year.

The shares rose 7 cents to \$1.35 on the Toronto Stock Exchange on Monday. They have fallen more than 70 per cent in the past year.

In a recent report, analyst Raveel Afzaal at Canaccord Genuity Corp. said the company's most recent quarterly financial results were "below expectations and

Just Energy will likely need another debt amendment" from lenders by the fourth quarter of this year. Mr. Afzaal said: "We believe there is limited upside to common shares even in a take-out scenario."

Mr. Snyder submitted his shareholder proposals just before the company's deadline for having them heard at the annual meeting.

He declined to say if he had the support of the other major shareholders, which include Vancouver billionaire Jim Pattison, with 4.7 per cent; the estate of Tim Hortons co-founder Ron Joyce, with 12.2 per cent; and Stamford, Conn.-based portfolio manager Ardsley Partners, with 5.8 per cent.

However, he said he has been in discussions with Just Energy, without providing specifics. "I have been engaged with the company's management for more than a few weeks now, and will be working with the company's principals in terms of helping to define the company's future and its options," he told The

Globe and Mail.

Just Energy issued a statement saying it had received Mr. Snyder's proposals and planned to update shareholders "in due course."

"Just Energy values constructive input from all of its stakeholders. Accordingly, the board, along with the company's financial and legal advisers, will consider and evaluate the shareholder proposals," it said in a statement.

While it has sought out various alternatives, the company has worked to reduce its costs and streamline operations by selling its business in Britain, Ireland and Georgia, it said.

Mr. Snyder is the founder of Stream Energy, an energy retailer that was acquired by Houston-based NRG Energy Inc. for US\$300-million last year. Among his director slate for Just Energy is David Crane, who was chief executive officer of NRG from 2003 to 2015; and Daniel O'Malley, president of Kynect LP, the successor company to Stream Gas & Electric.

Downsview: At 520 acres, combined site is about the size of Toronto downtown core

■ FROM B1

The plans will require the land to be rezoned because they are meant to be employment lands, a process that could prove controversial. An arbitrator has turned down a rezoning application for the area once already and a city councillor has already objected.

Northcrest and Canada Lands are just the latest to announce ambitious plans to develop offices and residential properties in a city that is growing rapidly and suffering from a housing shortage. In Toronto, rents are soaring and the average selling price of a detached house is well over \$1-million.

Northcrest, Canada Lands and its architects all said they want to transform the land into a vibrant community for residents, workers and businesses. Their ambitions mirror those of other large urban and suburban landowners, such as SmartCentres Real Estate Investment Trust with its Vaughan Metropolitan Centre project north of downtown Toronto.

At Downsview, PSP owns 370 acres, which now houses a Bombardier aircraft facility due to move by the end of 2023. Canada Lands owns 150 acres of land that is now part of the redevelopment, as well as the federally run Downsview Park, which occupies nearly 300 acres. The parkland is not included in the redevelopment.

The site, which was first used by De Havilland Aircraft of Canada in 1929, contains more than a dozen heritage buildings and is now home to a college campus and a variety of retail and recreational facilities.

Canada Lands started talking



The site of PSP and Canada Lands Co.'s proposed development, in the Downsview neighbourhood of Toronto, is seen on Monday.
AARON VINCENT ELKAIM/THE GLOBE AND MAIL

to PSP in 2018, after the pension fund bought its land from Bombardier for nearly \$1-billion – at the time, the highest-value land deal in Canadian history. The removal of Bombardier's runway is a "big game-changer," said David Anselmi, senior director of real estate for Canada Lands; by removing height restrictions on the area, it allows for taller buildings and denser development.

At 520 acres, the combined site is about the size of Toronto's downtown core. It is adjacent to three municipal subway stations and a GO Transit commuter train station.

However, most of the area is zoned by the City of Toronto as employment lands. The developers aim to remake the site with a mix of residential, commercial and office uses, along with park space.

This could be controversial.

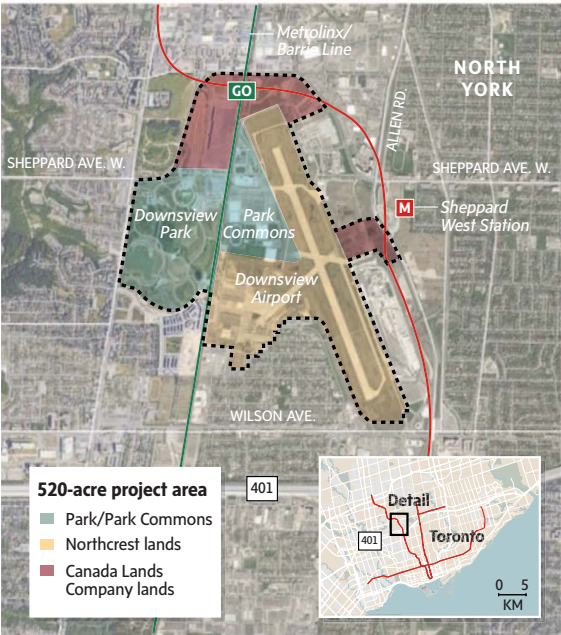
The provincial land arbitrator recently ruled to keep the site as employment lands, which is viewed as important to protecting industrial jobs. But the Downsview site is still subject to another appeal.

"Negotiations [about] other land uses are part of that process," said Toronto chief planner Gregg Lintern. "The process will include consideration of current land use, the potential for new employment, the three subway and one GO stations that serve the area."

While local city councillor James Pasternak has expressed concern about development on the site, Mr. Tory says he is now open to a review of the site.

"We have always expected and anticipated that the redevelopment of this Downsview site will [include] thousands of jobs," said the mayor's spokesman,

DOWNSVIEW REDEVELOPMENT



JOHN SOPINSKI/THE GLOBE AND MAIL, SOURCE: NORTHCREST DEVELOPMENTS

Don Peat. "It will also, more than likely, include a significant number of residential units, including affordable housing." He cited the precedent of the Christie's Bakery site in Etobicoke, where employment lands are being rezoned for a major mixed-use development by First Capital Realty Inc.

In Downsview, the developers will begin an application process with the City of Toronto this year to change the zoning on their lands. It could take more than 30 years to develop the entire site, they said. Mr. Eby and Mr. Anselmi started preliminary meetings

with the city this year. They characterized their meetings as positive.

The developers have hired a design team including Danish architects Henning Larsen, Toronto's KPMB Architects, Danish landscape and architecture firm SLA and Toronto planning firm Urban Strategies Inc. Most of these consultants are also working on another major Toronto redevelopment project, East Harbour. That 39-acre site near downtown was recently bought by the real estate arm of the Ontario Teachers' Pension Plan.

As cannabis stocks cool, will psychedelic drugs be the next market frenzy?

MARK RENDELL
CAPITAL MARKETS REPORTER

The first wave of psychedelic-drug companies is preparing to go public on Canadian exchanges, with many of the entrepreneurs, bankers and promoters who were involved in the cannabis industry looking to recreate their early successes using a familiar playbook.

The first company to seek a listing in Canada, Mind Medicine Inc., begins trading on the NEO Exchange on Tuesday. Backed by former Canopy Growth Corp. chief executive Bruce Linton and celebrity investor Kevin O'Leary, Mind Med closed a \$32-million financing round last week. A handful of other companies, pitching everything from psilocybin "magic" mushrooms to MDMA (ecstasy), are touring Bay Street, raising millions of dollars and lining up shell companies as go-public vehicles.

Over the past year, the collapse in cannabis stocks has left small-cap stock promoters looking for a new theme to pitch to retail investors, while independent investment banks and junior exchanges have been hunting for alternative ways to generate fees.

Even people set to benefit from a new crop of companies, however, are cautioning against the enthusiasm and hype that inflated the cannabis bubble be-

tween 2015 and 2018. Psychedelics are not legal for recreational use in Canada or the United States, and scientific evidence about the efficacy of psychedelic drugs for medical conditions such as depression and addiction is preliminary.

"I would be concerned that valuations don't run away on these things," said Richard Carleton, head of the Canadian Securities Exchange, a popular listing place for cannabis companies.

"Clinical trials take a very long time for the results to come through. These aren't companies that necessarily are going to win gigantic pieces of market share in a short period of time to justify the kinds of valuations that may be thrown around," Mr. Carleton said.

There is a range of business plans among the psychedelics companies. Some look like traditional exploratory drug plays. Mind Med, for instance, owns the intellectual property around a drug known as 18-MC, a synthetic form of the hallucinogenic drug lisdexamfetamine, and is conducting clinical trials looking at the effectiveness of 18-MC in treating opioid and nicotine addiction. The studies, which are taking place in the U.S., are at an early stage and the U.S. Food and Drug Administration has not yet approved the use of 18-MC for medical purposes.

Other companies are taking a

more aggressive approach, opening psychedelics-assisted therapy clinics, or promoting things such as microdosing, the trendy (and illegal) practice of taking small doses of psychedelics substances, not to get high, but supposedly to improve creativity.

"The first psychedelics company I sat down with was maybe two or three years ago, so they've been around for a while. But in the last maybe three or four months, we've had several companies come through our door raising capital," said Elizabeth Staltari, managing director of health-care investment banking at Eight Capital Corp.

"Whether they all end up going public or not, I don't know. But there are certainly companies out there looking for money, and it looks like there's people willing to fund them," Ms. Staltari said.

So far, such companies have attracted more interest from U.S. investors, said Derek Ham, Canaccord Genuity Group Inc.'s managing director of capital markets origination. Canaccord led Mind Med's private placement financing, and American investors made up between 85 per cent and 90 per cent of the most recent round, Mr. Ham said.

"The Canadian investor, institutional and retail, has had quite a tough time over the last six or seven months in the cannabis space. I think they're quite nerv-

ous to answer anything that's new," he said.

While the sell-off in cannabis stocks has hit many Canadian retail investors as well as the Bay Street players who floated the legal marijuana industry, it has also created an incentive for people to find new opportunities. Canaccord, for instance, saw its Canadian capital markets revenue drop 28 per cent for the first nine months of its current fiscal year, compared with the previous year, largely owing to lower cannabis underwriting and advisory fees.

"I'm here because I can see a symmetry in the pattern," said Mr. Linton, who became a director of Mind Med in September, after being fired from his position as Canopy's CEO last July.

"The reason I was able to finance Tweed [which became Canopy] in 2013 is because the price of gold and the demand for extraction was low, so those people had to rotate their money somewhere," Mr. Linton said.

"Had it been a boom resource market, I would have gone bankrupt. So there is always a benefit of having idle capital, and there's idle capital now," he said.

The approach of getting psychedelics companies public certainly resembles the early days of the cannabis space, with speculative ventures aiming to go public via the reverse takeover of mining shells, and early inves-

tors setting themselves up for massive returns.

The founders of Mind Med, for instance, collectively own 35 million Class B shares in the company, which they acquired last summer for \$0.0001 a share. When Mind Med goes public, those shares convert into publicly trading common stock. The Class B shares are locked up for six months, meaning the founders will not be to sell their positions right away.

"Not everyone invests capital, people also found companies ... in Silicon Valley this is quite standard," said JR Rahn, Mind Med's co-founder and co-CEO, in response to questions about the Class B shares.

Whether the psychedelics trend builds momentum depends on the success of the first few companies that go public, Mr. Ham of Canaccord said. All eyes will be on how Mind Med trades this week – which may well prove choppy, given the broader volatility in the markets.

"Are we going to see more public listings? I have no doubt about it," said Jos Schmitt, CEO of the NEO Exchange.

"The only thing I truly hope is that we're not going to see the same thing that happened in the cannabis space, where we're suddenly going to see hundreds of corporates emerging that in fact are not driven by a true business," he said.

OECD warns coronavirus could halve global growth

Group cuts full-year forecast to 2.5 per cent on the assumption outbreak in China will peak this quarter

ERIC REGULY
EUROPEAN BUREAU CHIEF
ROME

The OECD has warned that global growth could fall by half if the coronavirus outbreak proves long-lasting and has urged governments to prop up their health services and launch stimulus measures to soften the economic blow.

The Organization for Economic Co-operation and Development, which represents mostly wealthy countries, cut its full-year growth forecast to 2.5 per cent from 2.9 per cent on the assumption that the outbreak in China peaks this quarter and outbreaks elsewhere “remain mild and contained.” But if the disease runs rampant and puts some economies into reverse, global growth would fall to just 1.5 per cent.

The warning took the wind out of a tentative European stock market rally Monday, with most major indexes losing most of their early gains or falling into negative territory, ending investors’ hopes that they would recover some of last week’s deep losses. Oil rose nearly 5 per cent after a steep decline that began in early January.

There was little sign Monday that the COVID-19 outbreak was



A chemistry professor at Bicocca University in Milan, Italy, records his lesson in an empty classroom to stream it online for his students on Monday. Northern Italy remains the epicentre of the European coronavirus outbreak. GUGLIELMO MANGIAPANE/REUTERS

close to running its course. The disease has hit more than 60 countries, including most of Europe, taking the number of confirmed cases worldwide to almost 90,000, with more than 3,000 deaths, most of them elderly patients with pre-existing conditions. Over the weekend, the United States recorded its first two coronavirus deaths. As of Monday morning, there were 86 confirmed cases in the U.S. and 24 in Canada, according to the World Health Organization, the U.S. Centers for Disease Control and Prevention and other health sources.

The European Commission raised its coronavirus risk warning Monday from moderate to high.

Northern Italy remains the epicentre of the European outbreak. Containment measures, such as closing schools and cancelling

public events, have failed to halt the spread throughout the country and the rest of Europe. Infected Italians have transmitted the virus to several other countries.

By Monday afternoon, Italy had more than 2,000 confirmed cases and 52 deaths. Eleven towns in the northern part of the country, most of them near Milan, have been in lockdown for more than a week.

The region’s hospitals are already overloaded with COVID-19 cases, raising fears that the relentlessly rising infection rate will swamp the health-care system and prevent some critical patients from getting life-saving treatment, such as respirators. The outbreak was hitting the Rome area hard by Monday, when 12 confirmed cases were reported, up from three before the weekend.

Pope Francis, who is 83 and

had part of a lung removed when he was a young seminarian, cancelled public events because of illness. While he said he just had a cold, images and videos of him coughing and speaking in a tired voice raised anxiety levels across Italy.

Roberto Burioni, one of Italy’s leading virologists, said in a tweet Monday: “We must not give up, it is the decisive moment.”

The Italian economy seems to be barreling toward recession and endured its 17th consecutive monthly decline in manufacturing in February, when the outbreak began to accelerate (on Feb. 21, there were only three confirmed cases in the country).

On Sunday, the coalition government announced a €3.6-billion (\$5.35-billion) stimulus package, recognition that interest rate cuts, should they come, will have essentially no power to prop up the virus-battered economy. Economy Minister Roberto Gualtieri said the spending would finance tax credits for companies that report a 25-per-cent drop in revenues, as well as tax cuts. Extra cash will be injected into the health-care system.

The Italian economy has been in recession three times since the 2008 financial crisis and seems on the verge of a fourth. In the final three months of 2019, the economy contracted by 0.3 per cent.

China, the source of the outbreak, is also showing signs of stress. Neil Shearing, chief economist of London’s Capital Economics, said he expects the Chinese economy to contract in the first quarter, the result of strict lockdowns that effectively placed provinces that account for two-

BoC: Virus’s spread makes case for rate cut more urgent by the day

■ FROM B1

“It becomes more of a sentiment thing ... saying, ‘We’re going to move quickly to provide any support we can, so that consumers will feel emboldened ... or that businesses would put some money to work.’”

Momentum is building among leading governments and central banks to take action that economists say could involve some combination of monetary easing and fiscal stimulus.

The U.S. Federal Reserve, the Bank of England, the European Central Bank and the Bank of Japan all issued statements signalling that they are preparing to ease monetary policy to support the economy.

The Group of Seven finance ministers, including Canada’s Bill Morneau, will hold a conference call Tuesday to discuss what French Finance Minister Bruno Le Maire called “concerted action” to mitigate the global economic impact of the outbreak of coronavirus, which began in China, and causes a disease known as COVID-19.

“Minister Morneau is in regu-

lar discussions with our international partners on this matter,” Mr. Morneau’s press secretary, Maéva Proteau, said via e-mail. “Our government’s strong fiscal position means we continue to have all the necessary tools to respond in cases of continued fluctuations in the domestic and global markets.”

The Bank of Canada hasn’t cut interest rates since the 2015 oil shock.

The response from global policy makers helped soothe investors and stock markets rebounded sharply Monday. Toronto’s S&P/TSX Composite Index rose nearly 2 per cent, while the U.S. benchmark S&P 500 index surged nearly 5 per cent.

The Bank of Canada has said nothing, but is in the midst of its usual one-week silent period before its rate announcement.

Wednesday’s decision will be accompanied by a brief statement outlining the central bank’s rationale, which usually

runs only a few paragraphs.

Markets and the general public will have to wait for a more detailed explanation on Thursday, when Governor Stephen Poloz gives an economic update speech and news conference in Toronto.

The Bank of Canada hasn’t cut interest rates since the 2015 oil shock. Last fall, the bank decided against a rate cut, even as most of its global peers eased monetary policy amid fears about the U.S.-China trade war. At the time, the Bank of Canada explained that given high levels of household debt, the risks of reducing interest rates outweighed the case for a so-called “insurance” cut.

Yet even before pandemic fears rocked financial markets, many economists had felt the Bank of Canada might be headed toward a rate cut in April or June, as an already-trepid growth outlook was hindered further by virus-related disruptions, weak commodity prices and rail blockades.

The growing concern over COVID-19 has made the case for a cut more urgent by the day.

GFL: Company says it will sell shares at \$19 each, below range it set

■ FROM B1

Since then, it has raised \$1.4-billion from its private investors, which was used to acquire a U.S. company and to bolster its balance sheet, partly by paying down debt.

Prior to the attempt in November, GFL halted an IPO attempt in 2018, which was aimed at raising US\$2.4-billion.

GFL said it will sell the shares at US\$19 apiece, down from the range it had set last week of US\$20 to US\$21. The price puts proceeds from the subordinate

voting shares on offer at US\$1.4-billion, before any over-allotments for underwriters.

The company is also selling 14 million tangible equity units – a combination equity and debt instrument – for proceeds of \$775-million. The units include a pre-paid stock purchase contract and a senior amortizing note, which is a liability that will be gradually reduced.

The current record for IPOs is held by Manulife Financial, which raised US\$1.7-billion in 1999. GFL’s sale of subordinate shares would not reach that, but total

proceeds surpass that mark when the tangible equity units are factored in.

Much of the proceeds will be used to reduce debt, and some may also be used to pay for future takeovers, the company has said. Mr. Dovigi has completed more than 100 since 2007.

GFL, known for its lime-green collection trucks, serves four million households under more than 650 municipal-collection contracts in Canada and the United States, and more than 135,000 commercial and industrial customers. It has more than 11,500

employees.

After the IPO, the company’s current owners, including Mr. Dovigi, BC Partners Advisors LP, Ontario Teachers’ Pension Plan and GIC, the Singapore sovereign wealth fund, will own the majority of the shares and have the most voting power.

Underwriters are led by JPMorgan Chase & Co., Bank of Montreal, Goldman Sachs & Co., Royal Bank of Canada and Bank of Nova Scotia.

The stock will be listed in Toronto and New York under the symbol GFL.

sale banking division amid volatile financial markets, and TD wrapped up the year with elevated provisions for loan losses as well as a \$154-million restructuring charge.

The only executive to break the TD pay trend, among the five whose compensation TD had to disclose, was Teri Currie, the group head of Canadian Personal Banking. She saw a boost in total compensation to \$6,295,000, from \$4,950,000. Her bonus increased by \$800,000 because her overall compensation target increased, and she received a special \$750,000 stock award “in recognition of Ms. Currie’s performance and significant achievements in 2019.”

thirds of the economy into quarantine.

Mr. Shearing said investors should be skeptical of longer-range forecasts, given the unpredictable nature of the outbreak, especially outside China.

“At the benign end of the spectrum, in which most of the disruption is contained to China, we think the global economy may grow 2.5 per cent this year,” he said in a note. “At the other end of the spectrum, it’s possible that the global economy could shrink by 0.5 per cent this year – matching the scale of the contraction experiences during the 2008-09 global financial crisis.”

B2GOLD CORP.



LIANE KELLY

B2Gold’s President & CEO, Mr. Clive Johnson, is pleased to announce the appointment of Ms. Liane Kelly to the Company’s Board of Directors.

Ms. Kelly is a registered professional engineer (Ontario) and international development specialist with over 25 years’ experience in the mining sector. Initially working in mineral exploration, Ms. Kelly acted as a consultant to various global mining companies in Africa, North America and South America. She currently advises mining companies on business risks and strategies related to sustainability and corporate responsibility issues. Ms. Kelly also has experience at executive and director level for both private and not-for-profit organizations.

Ms. Kelly holds a Bachelor of Science in Engineering Physics degree from Queen’s University (Ontario, Canada), a postgraduate Certificate in International Development with a focus on sustainability in mining from the University of British Columbia (Canada) and a Company Directors Diploma through the Australian Institute of Company Directors. She is a member of the Institute of Corporate Directors (Canada) and the Prospectors & Developers Association of Canada.

Ms. Kelly has been a corporate social responsibility (“CSR”) consultant for B2Gold since 2011 and is currently the Company’s CSR Advisor. She officially assumed her role as Director on January 1, 2020 and attended her first Board of Directors meeting on Thursday, February 27, 2020.

Ms. Kelly’s extensive background and experience in the mining industry combined with her expertise in social risk management and CSR strategies means that she will be a significant addition to B2Gold’s Board of Directors and contributor to the Company’s commitment to maintaining high standards of responsible mining.

B2Gold Corp. is a low-cost international senior gold producer headquartered in Vancouver, Canada. Founded in 2007, today, B2Gold has three operating gold mines and numerous exploration and development projects in various countries including Mali, the Philippines, Namibia and Colombia.



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Booth 2731 (Investors Exchange)

TD reduces executive bonuses as profit misses target

DAVID MILSTEAD
JAMES BRADSHAW

Pay for most of **Toronto-Dominion Bank’s** top executives fell in the last fiscal year as the bank failed to meet its internal profit goals, it said in a shareholder disclosure Monday.

CEO Bharat Masrani saw his total compensation fall to \$12.64-million in 2019, versus \$15.32-million in 2018, a year when his compensation was boosted by a special \$1.9-million stock award. Three other executives – chief financial officer Riaz Ahmed, wholesale-banking head Bob Dorrance and U.S. retail head Greg Braca – saw their pay pack-

ages fall. One of the main drivers in the pay changes was a drop in annual cash bonuses after a so-so fiscal 2019. TD said it missed its profit goal of just over \$13-billion by more than \$500-million.

More goes into the complex bonus calculation, however. The profit target, while the majority of the formula, is just one business metric considered. Customer experience, for example, is another. And the TD board’s compensation committee can consider additional factors, as well, such as strategic initiatives.

Ultimately, TD arrived at a “business performance factor” for executive incentive pay at 98.8 per cent of bonus targets – the level Mr. Masrani received.

Performance-based pay for TD’s top executives surged in 2018, when the bank’s profits routinely outpaced expectations. That was driven principally by rapid growth in its U.S. banking arm in the midst of a booming U.S. economy. TD has an extensive retail banking network with about 1,250 branches stretching across the eastern United States. In 2018, TD arrived at a business-performance factor of 110 per cent, resulting in bonuses significantly above target.

By contrast, 2019 brought more muted results at TD, bookended by choppy earnings in the first and fourth fiscal quarters. The bank’s first-quarter results suffered from a rare loss in its whole-

OPINION & ANALYSIS

The ‘complicated legacy’ of Jack Welch

Former GE chief saw the company boost its share price by 3,000%, but his focus on short-term results may have created long-term woes

ANDREW WILLIS
OPINION



Superstar CEO Jack Welch passed away on Sunday, leaving a “complicated legacy” that reflects his influential leadership during two decades at the helm of General Electric Co. as well as the conglomerate’s weak performance following his departure in 2001.

Mr. Welch, a railway conductor’s son, joined GE as a chemical engineer in 1960 and was named chairman and chief executive in 1981. Over the next 20 years, he remade the manufacturer, relentlessly stressing efficiency and moving into sectors where he believed the Connecticut-based company could be a global leader, including finance and entertainment. On his watch, GE’s stock price increased by 3,000 per cent and the CEO became a role model to a generation of managers.

After Mr. Welch departed, GE stumbled, owing in part to the company’s reliance on a financing unit that made loans on real estate, aircraft and industrial equipment. The division became a liability during the global financial crisis in 2008 and was largely sold by Mr. Welch’s successors. GE’s stock price is still down by 80 per cent since peaking 20 years ago. According to his family, Mr. Welch died of renal failure at his apartment in New York, at the age of 84.

“Jack Welch leaves a complicated legacy. I would describe it as favourable, over all,” said Roger Martin, former dean of University of Toronto’s Rotman School of Management. Mr. Martin played host to the GE leader on a number of occasions and said: “First, he loved his people and his people loved him. In an era of the distant, regal American CEO, he was the



opposite. Second, he loved customers. He spent disproportionate time with customers, again in an era when many CEOs thought of that as someone else’s job. Third, he tackled bureaucratic mediocrity. The GE he inherited had lots and lots of it and he was willing to take it on, which is an utterly thankless task that gets many CEOs fired.

“The negative aspect would be the key role he played in the doctrine of shareholder value maximization, which is a perfectly good thing if it is done over the long term in a balanced, not extreme fashion,” Mr. Martin said. “However, Welch helped usher in an era during which CEOs committed untold long-term sacrifices for short-term stock appreciation.”

When he took the top job at GE, Mr. Welch stressed the company needed to be globally competitive

– one of the top two players in its chosen sectors. He sold divisions that didn’t make the grade, while acquiring businesses such as the NBC television network, since sold to Comcast Corp. He also attempted to purge mediocre talent, at one point insisting that managers rank employees and fire the bottom 10 per cent each year. The approach earned GE’s boss the nickname “Neutron Jack” in 1982, a moniker that Mr. Welch said he disliked.

“Jack Welch re-wrote the rules on what it is to be a CEO. Everyone is now following his example as a business leader, whether or not they realize it,” said Jim Fisher, professor emeritus of U of T’s Rotman school. Mr. Fisher said the GE executive’s last contributions include stressing the CEO’s role in developing talent and showing that “the job of the leader is to articulate and sell the vi-

Former General Electric CEO Jack Welch is displayed on screens around the New York Stock Exchange floor on Monday. Mr. Welch died on Sunday at the age of 84. He joined the company in 1960 as a chemical engineer and went on to become chairman and chief executive in 1981. RICHARD DREW/ASSOCIATED PRESS

sion of the company.” Mr. Welch was married three times. He and his first wife, Carolyn Osburn, had four children before divorcing in 1987. He was married to corporate lawyer Jane Beasley for 13 years. They divorced in 2002, an acrimonious split that changed corporate attitudes toward executive perks when court filings revealed Mr. Welch’s retirement package from GE included an apartment in New York, use of a private jet, a leased Mercedes-Benz, country-club fees and sports tickets. Mr. Welch subsequently agreed to pay for many of the perks himself. Mr. Welch then married former Harvard Business Review editor Suzy Wetlaufer in 2004, a relationship that began when he agreed to an interview. The pair published books and articles on management, ensuring Mr. Welch stayed top-of-mind in business circles long after he left GE.

Canada can be a world leader in sustainable food production

DAVID DZISIAK
OPINION

Chief operating officer of natural ingredient manufacturer Botaneco Inc.

It takes hundreds of years to create an inch of topsoil and, over a few windy days, it can blow away. I grew up on a Prairie farm, my dad was a farmer, and my older brother farms the same land, but the land I grew up on no longer blows away on a windy day. That soil contains double the number of earthworms, the rain soaks in instead of pooling, the organic matter is higher and that land is more productive than it ever has been.

During the past 30 years, there has been a fundamental change in how Prairie grain farmers operate. There has been rapid adoption of technologies that have benefited producers, improved our environment, are saving the soil and helping to feed the world. Using zero-till methods, we can grow crops every year, instead of having to leave the land fallow every couple of years. Genetically modified (GM) crops, redesigned equipment and better fertilizer use has enabled a sustainable intensification of production. This generation of Prairie farmers will be the first in history to leave their farmland in better condition than how they received it.

The introduction of GM canola and re-engineering of planting equipment reduced production costs, increased yields and improved the environment. The Canola Council of Canada found that adopting GM canola resulted in herbicide use being reduced by 18 per cent while decreased soil tillage cut diesel fuel consumption by the equivalent of eliminating 500,000 cars from our roads. At the same time, crop yields doubled, making canola the most profitable field crop for prairie farmers.

Lana Awanda at the University of Saskatchewan studies green-

house gas emissions of prairie farms. She has found that the changes in farming methods have increased carbon sequestration by 400 per cent since the mid-1990s. Prairie grain farmers now are storing more carbon than they emit. In total, they now store 16 million metric tonnes annually, the equivalent of the emissions from 3.47 million cars. Higher-yielding crops absorb more atmospheric carbon and, after harvest, the crop residue, which is full of carbon, is left on the land increasing organic matter and protecting it from erosion. High-yield agriculture is helping to mitigate climate change.

This technology has resulted in dramatic production gains that have made Canada a key part of the global food supply system. Since 1970, Prairie crop production has expanded by some 400 per cent. The amount of cultivated land has remained steady at around 31 million hectares, while being done by 40 per cent fewer farmers. Dad farmed 1,200 acres with five sons contributing much-needed labour. Today, my brother farms 2,200 acres with a seasonal employee. Canadians enjoy among the lowest food costs on the planet. Consumers have benefited most from the productivity gains of bigger, more specialized but still family farms.

Over the next 30 years, two billion people will be added to our planet. Additionally, a billion people will be joining the middle class and, as they earn more income, it will first be spent on a better diet. This will require us to produce more food, as much as 70 per cent more by 2050.

A hungry world is an angry world. To feed the world, we need more crop production. We either turn forests, wetlands and prairies into farmland to grow more, or we can use agricultural technology to further advance the sustainable productivity gains we are capable of. We will need crops that will adapt to climate change. Advances in plant sciences and

genetics are enhancing plant breeders’ ability to do this.

This new knowledge of which genes do what and if they are present and in the correct combination with other desired genes is powerful. It can dramatically reduce the time to develop new varieties with improved traits for yield, disease resistance and quality. In the 1980s, it took 12 to 15 years to develop a new variety; today, that time has been reduced to eight years and will be further shortened with advanced bioinformatics.

New gene-editing tools such as CRISPR will provide a leap in crop variety development. Plant scientists will be able to make precise changes to plant traits more cheaply and more routinely than using GM technology. This editing will work within the plant’s gene structure, making specific changes to increase traits of interest, or to reduce undesirable traits. Adopting new tools such as whole genome sequencing and gene editing will be important.

The industry though needs societal support for the use of this science to ensure it isn’t over-regulated, which would make it too expensive for use in smaller crops or by public researchers. Industry did not do a good job of building understanding and garnering support for genetically modified crops 25 years ago. These crops were the most studied and analyzed food crops ever and their safety was well understood by sci-

Over the next 30 years, two billion people will be added to our planet. ... This will require us to produce more food, as much as 70 per cent more by 2050.

entists and regulators, but not by consumers. Those studies have been proven right. Twenty-five years later, billions of people and animals have eaten foods from GM crops. There are no cases of human, animal or environmental health issues.

Canada can truly be a global leader in providing a safe, nutritious, and sustainable food supply for the 21st century. The Advisory Council Report on Economic Growth says that Canada has the potential to become the second-largest ag/food exporter in the world, adding some \$20-billion in new exports to a world that needs it. New initiatives such as Protein Industries Canada, a supercluster receiving federal government and matching industry investment, will help open a whole new business sector.

The world does need more Canada. Our track record is great. We need to continue using the best science and be a leading advocate for it. Our ag/food regulatory system ensures we have a safe and nutritious food supply, and we share that with the world through our exports. Canada wins on many fronts by being a leader in ag science and technology. Agriculture can be a significant driver in Canada’s economic growth. We can sustainably increase food production while helping to feed the world in a future where it will be needed more than ever, no matter how strong the wind may blow.

DILBERT



INVESTING IN MINING

Canada poised to achieve its full potential

THIS IS THE THIRD IN A SERIES OF FOUR FEATURES focusing on Canada's mineral exploration and mining sector published in partnership with the Prospectors & Developers Association of Canada (PDAC). The first two appeared on February 29 and March 2.

COMING UP IN TOMORROW'S FEATURE:
PARTNERSHIPS: Earning social licence
WAJAX CANADA: Keeping the wheels turning
INNOVATION: Staying ahead of the game

METALLIS RESOURCES:
Integrity key to market differentiation



HELP WANTED

MINERAL EXPLORATION AND MINING MAKES A MASSIVE CONTRIBUTION to Canada's economy, accounting for almost \$100-billion, or five per cent of the country's nominal GDP and providing 630,000 jobs according to the Mining Association of Canada.

But for the mining sector to continue thriving, it will need to hire roughly 80,000 workers within the

next 10 years. This was a key finding of the 2020 Canadian Mining Labour Market 10-year outlook published by the Mining Industry Human Resources Council (MiHR).

"Mining's significance to the Canadian economy cannot be understated," says MiHR's executive director Ryan Montpellier. "We must learn from labour market research to successfully navigate the industry's

volatility and maintain a sustainable labour supply, and ensure shifting skills are addressed as innovation plays an increasingly critical role within the industry."

Felix Lee, president of the Prospectors & Developers Association of Canada (PDAC), agrees.

"It is expected that 100,000 workers will retire from critical geological, exploration and mining roles over the next 10 years, and as student enrolment in these fields drops, the workforce is shrinking at a faster rate than it is being replenished," he says.

While there are still gains to be made, the sector is finding innovative ways to attract and retain talent, adds Mr. Lee. Mentorship programs have emerged as a remedy to bridge the gap, including PDAC's mentoring program that connects professionals with students and recent graduates.

Apart from a variety of bursaries and scholarships, PDAC is well known for its annual Student-Industry Mineral Exploration Workshop (S-IMEW), which brings together 26 geoscience students from post-secondary institutions across Canada to take part in a two-week workshop in Sudbury. This allows access to lectures, field excursions, mine site visits and networking events with industry leaders to learn about the various types of careers students can pursue.

Mr. Lee says some companies are thinking more broadly and have tapped into a major pool of underutilized talent by recruiting veterans who are beginning new careers after life in the military, while some industry organizations are connecting mining employers in Ontario with internationally trained professionals in search of employment.

MiHR says mining companies, post-secondary institutions and other industry stakeholders need to be aware of the challenges they face to stay productive. It points out that 60 per cent of hiring requirements will be in extraction and milling, with the sub-sector expected to face the most significant hiring gap of potentially 4,800 unfilled vacancies.

Most job openings will likely be in production occupations, with hiring gaps forecasted for supervisors, coordinators and support workers. With innovative technologies becoming more commonplace, mining companies will increasingly require engineering, production and trades skills.

Mr. Lee says improving diversity and gender balance in the mining sector is also a PDAC priority.

"Women currently represent 48 per cent of the Canadian labour force, yet they make up just 16 per cent of the mineral exploration and mining sector," he says. "These statistics must improve, which is why gender and diversity were identified as priority areas for PDAC in its Five-Year Strategic Plan. We don't just want women to enter the industry, we want them to thrive in it for the duration of their careers."

He notes that corporate initiatives, such as diversity and inclusion and gender-equity strategies, are being implemented throughout businesses, including one of the world's largest mining companies, BHP, setting an ambitious target of a 50 per cent female workforce by 2025.

To help companies push the needle in the direction of gender parity in their businesses, PDAC developed Gender Diversity and Inclusion: A Guide for Explorers, a free resource that is available on its website.

BCG ENGINEERING DATA-DRIVEN DEVELOPMENT

Earth sciences and geology aren't just for finding the motherlode stereotypical prospectors dreamed of; they are also integral to responsible mining.

Modern mines have some of the world's largest and most complex engineered structures, while at the same time, care for the land and waters is imperative. Supporting these needs requires an understanding of how geology and climate interact with engineering design, construction and mine closure activities.

Field time drilling holes and interpreting core is supplemented by cutting-edge data integration and management, producing designs that are communicated to mining company executives and community members studying a mixed reality holographic visualization of 4D data.



Social licence to operate begins with a shared understanding of the issues, says Bill Burton.. SUPPLIED

Bill Burton, M.Eng., P.Eng., vice president, geotechnical/geological Engineer of BGC Engineering Inc., a Vancouver-based international

See DATA on PDAC2

INSIDE:
Bridging the drilling divide 2
Quest for low carbon 3

The Prospectors & Developers Association of Canada (PDAC) is the leading voice of the mineral exploration and development community. With over 7,500 members around the world, PDAC's work centres on supporting a competitive, responsible mineral sector. PDAC is known worldwide for its annual PDAC Convention – the premier international event for the industry – which has attracted over 25,000 people attendees from 135 countries in recent years.

ENDURANCE GOLD
CORPORATION
TSX.V: EDG

RELIANCE GOLD PROJECT

Gold Bridge, B.C.
near Bralorne Mine

13.30 gpt Gold / 4.20 m
7.05 gpt Gold / 5.06 m

ELEPHANT MOUNTAIN GOLD PROJECT

NW of Fairbanks, Alaska
Road Access

4.09 gpt Gold / 4.60 m
0.40 gpt Gold / 147.10 m

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LANTERN SOFTWARE

LANTERN TAKES DRILLING OUT OF THE DARK AGES

Bridging the gap between what mining companies want and what diamond drilling companies can provide has long been a challenge in the mineral exploration industry, but new developments in data-driven technologies are now bringing the two sides closer together.

Ron Konst, head of client support at Lantern Software, says, traditionally, drillers have relied on paper timesheets to record daily activity, including crew hours and the metres drilled by their day and night shifts. Costs have been scribbled on whatever is available and rainproof, then sent to head office to make sense of it all.

"Often many days later, this archaic form of cost reporting makes its way back to the field, to project managers and field geologists tasked with making sense of it all and selling it upstairs. If you've ever wondered why junior mineral exploration companies are always struggling to manage their costs, this may be why," he jokes.

Lantern was built with these pain points in mind. Incentivized by mining companies and drillers seeking new ways to find efficiencies and



Mining companies and drillers are seeking new ways to find efficiencies and reduce costs. SUPPLIED

reduce costs, Lantern was developed to streamline timesheet entry and use real-time data to inform decision-making and optimize available metres. The platform also takes an intuitive, step-by-step approach to minimize errors and speed up data entry.

To provide the driller's head office and their exploration clients with the information they need, the team at Lantern focused on two key

objectives: to provide users with an immediate visualization of their hole progress and costs, as well as to allow all parties to react faster and make better decisions.

"Drillers get to stay on top of their timesheets and optimize the services they offer, while exploration companies get to monitor their progress and avert the disaster of unexpected cost overruns," says Mr. Konst. "It's a

win-win for both sides."

Software technologies like Lantern are emerging as the mining industry evolves and companies realize that they have a lot of catching up to do when compared to other sectors such as oil and gas, he adds.

"With Lantern's uniquely intuitive software, the landscape fundamentally changes. Drillers are able to enter their timesheet data, services and materials costs in real time, along with metres drilled per shift," he says. "In turn, the mineral exploration companies they serve can see how their projects are performing in real time, down to the penny. Both sides learn to become better companies."

The cost ranges between \$5 and \$10 per timesheet.

"Given that the average timesheet is worth thousands of dollars to both driller and client, it's a small price to pay for project certainty," Mr. Konst remarks.

Lantern formally launches in mid-March, but many drillers and mineral exploration companies have already signed up to trial the software.

For more information, visit drillwithlantern.com

FROM PAGE 1

DATA: SPECIALIZED TOOLS NEEDED FOR ACCURATE ANALYSIS

consulting firm that provides professional services in applied earth sciences, says data integration and workforce capacity are linked – taking advantage of ever-growing amounts of data and incorporating it into operations requires developing a workforce in a competitive environment and providing workers with tools to be effective.

For example, he says BGC is focused on delivering applied earth science knowledge to help clients make risk-informed decisions in complex settings.

BCG helps its clients address three key challenges facing the mining sector:

- Social licence to operate;
- Data integration; and
- Workforce skills and capacity.

Mr. Burton points out that advancements in traditional and spaceborne monitoring tools, real-time instrumentation and asset management platforms are generating tremendous volumes of data that are impractical to analyze using traditional methods.

Mining companies now need specialized tools for geohazard and geotechnical risk management and to support construction, operations and monitoring at the facility level; portfolio management applications for owners and their technical review boards; and a global data portal for inventory, risk screening and monitoring of a growing inventory of tailings dams as both a resource to learn from and a platform to share learnings.

"Our engineering recommendations are rooted in expertise in natural systems and the mechanics of soil, rock, water, ice and the physical and chemical stability of these systems in changing climates," says Mr. Burton. "This expertise guides development decisions, safe and reliable operations, and positive transitions to post-closure globally."

One of BGC's digital data initiatives is the Ada Platform™ for holographic visualization of 4D data. Mr. Burton says Ada allows clients to bring mixed reality data visualization into their workflows, pulling information out of monitors and putting it in the middle of a room for teams to explore together.

"Social licence to operate begins with a shared understanding of the issues, and holographic projections have been effective in increasing engagement in community meetings," he says. "Photographs can be turned into true-scale holograms, bringing remote sites to people at other locations."

Mr. Burton believes social licence requires developing trust and partnerships with host governments, communities and consumers. Tailings and water stewardship are key issues for social licence conversations and are core areas of BGC's focus.

ENDURANCE GOLD CORPORATION

BALANCE IS KEY TO JUNIORS' SUCCESS

Full ownership of top-quality properties and maintaining a tight capital structure is a recipe for success that every junior exploration company strives for. Achieving it in the face of cost and time pressures often proves illusive.

But Robert Boyd, president and CEO of Vancouver, B.C.- based Endurance Gold Corporation (TSX.V:EDG), says it can be done. Endurance has shown how exploration can be successful and still achieve these objectives.

"What's unique about Endurance Gold is that, despite a history of more than 15-years, about 60 per cent of the issued outstanding shares are still controlled by three insiders, including myself," adds Mr. Boyd.

The company aims to ultimately secure 100 per cent ownership of the properties it acquires and explores. Mr. Boyd says this defines Endurance as a project generator, which involves



There are great opportunities for miners in Alaska, says Robert Boyd. SUPPLIED

acquiring projects, advancing the project and then looking for opportunities that flow from them.

In Wyoming, for example, the company acquired 100 per cent ownership in a large strategic property in the Rattlesnake Hills, which it explored for several years and then subsequently sold for cash, royalty and shares in GFG Resources Inc.

More recently, Endurance acquired an option to earn a 100 per cent ownership of the Reliance Gold Property in Gold Bridge, B.C., near B.C.'s largest historic gold producer. Shortly after acquiring, encouraging surface sampling results of 10 gpt gold over five metres were announced.

"We identify opportunities like Reliance that have outstanding exploration potential and then add value through exploration and, in some cases, drilling if it advances the project to exploration success," says Mr. Boyd.

Once the project reaches a critical stage, the company can consider many strategic options, which could include selling more equity to fund continued exploration, completing a joint venture with a larger company, selling the project with upside exposure, selling the company or spinning out a sole-project exploration company.

The key to alternatives, adds Mr. Boyd, is 100 per cent ownership of the project, which gives Endurance the flexibility to take action that best serves the interests of all shareholders.

He believes Alaska is an under-explored jurisdiction that offers great opportunities for a company like Endurance. In central Alaska, Endurance has been exploring its 100 per cent owned Elephant Project for several years and has outlined six large targets that need drilling. Two have already had initial drilling success with significant gold discovered in bedrock.

"Alaska hosts about 40 per cent of U.S. gold resources, with something like 200 million ounces indicated, and has an attractive regulatory regime," says Mr. Boyd, pointing out that the Fraser Institute tapped the state as one of the top five jurisdictions in the world to explore in their survey of international mining and exploration executives.

With over \$3-million in working capital and a market cap of only around \$5.5-million, he believes Endurance is well positioned to continue seeking opportunities in low-risk North American jurisdictions like Alaska and B.C. where the company can continue implementing a business plan that has a proven record of success.

For more information, visit endurancegold.com

For more information, visit bgcengineering.ca



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SUSTAINABILITY

CONTRIBUTING TO A CLEANER FUTURE

Canada’s exploration and mining sector has a key role to play in the transition to a low-carbon economy by providing the metals and minerals that are essential to the development of innovative new technologies that will help wean the world off fossil fuels, says Felix Lee, president of the Prospectors & Developers Association of Canada (PDAC).

“Climate change is a dominant topic around the world. One of the most important aspects of this conversation is the role the mineral industry has in supporting the development of low-carbon technologies, because without the necessary raw materials needed to create these products, such a transition cannot happen,” he says.

There are already concerns that the demand for some metals and minerals – such as cobalt and lithium – needed to feed green technology sectors cannot be met, which means current producers will need to ramp up production and new deposits must be discovered.

“Canada is well positioned to play a leading role in the low-carbon shift by providing many of the minerals required for renewable energy technologies, such as wind turbines, solar panels and electric vehicle batteries,” says Mr. Lee. “As a nation blessed with an abundance of mineral wealth and expertise, Canada has a unique opportunity to responsibly capitalize on the global transition to low-carbon technologies.”

He notes that Canada is already a significant producer of critical minerals, including several rare earth elements, cobalt and nickel, graphite, lithium and potash, and an increased focus on domestic critical mineral production has the potential to entice prospectors and exploration companies to underexplored regions, such as northern and remote areas of Canada.

But apart from supplying the raw materials to support a more sustainable global economy, Canada’s mining sector also needs to show



Canada is well positioned to play a leading role in the low-carbon economy. iStock.com

the increasingly discerning buyers of those materials that its operating practices themselves are sustainable.

In his recent annual address to the Greater Vancouver Board of Trade, Mining Association of Canada (MAC) president Pierre Gratton pointed out that Canada’s mining sector has long been a global leader in responsible mining practices, and that MAC’s Towards Sustainable Mining (TSM) program has emerged as a standard with significant international presence, adopted by mining associations in seven countries on five continents in the past five years.

TSM focuses on enabling mining companies to meet society’s needs for minerals, metals and energy products in the most socially, economically and environmentally responsible way through mandatory commitments to annually report and assure social and environmental performance with strong multi-stakeholder oversight.

Mr. Gratton believes the opportunity for responsible growth is significant and the obligation to grow responsibly has never been clearer.

“Canadian metals come conflict free, mined meeting the highest environmental standards and a commitment to transparency unmatched anywhere. We are confident that with these sustainable standards and new government commitments, Canada’s mining industry has the tools and support to provide the responsibly sourced minerals vital to industries around the world,” he says.



BY THE NUMBERS

\$97-billion

Mining’s contribution to Canada’s nominal GDP in 2018

620,000+

Direct and indirect jobs created by the Canadian mining industry

16,600+

Jobs provided by the mining sector for Indigenous people in 2018

\$105-billion

Value of mineral exports in 2018

19%

Share of Canada’s total domestic exports attributable to mining in 2018

\$12.9-billion

Value of mineral exports in 2018

15%

Canada’s global share of non-ferrous exploration investment in 2018

Source: Mining Association of Canada

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Vancouver real estate must prepare for tech growth

As the city continues to attract big-name companies, it will have to accommodate an influx of new jobs and the people taking them

KERRY GOLD

Vancouver has attracted the attention of several major tech firms that want to tap into a growing technology sector, including small- to mid-size companies, property managers, investors and other spinoff services and businesses.

A few companies, such as Microsoft Corp. and Sony Pictures Imageworks Inc., are already settled in. By the end of the year, Shopify Inc. will have taken over four floors at the city's Bentall Centre, which will draw about 1,000 workers to the downtown core.

And once Seattle-based Amazon.com Inc. moves into its proposed 1.1 million square feet of leased downtown office space, it will become the city's largest corporate tenant, attracting thousands more employees.

The pressure is on Vancouver's commercial real estate sector to prepare for the growth, particularly in the downtown area, where tech industries typically gravitate.

According to CBRE Group Inc., Vancouver's downtown office space is expected to hit a record low vacancy rate of 1.7 per cent this year, down from 2.3 per cent in the fourth quarter of 2019.

A number of factors have made the city ripe for a major influx of jobs in the next few years, including U.S. immigration policy that has closed doors to talented workers who would otherwise have gone stateside.

As well, educational institutions in British Columbia and Washington are churning out talent that is highly skilled in digital technology. Government funding and support programs in B.C. have also fostered a thriving industry.

Randall Lucas, an investor with Seattle-based venture capital firm Voyager Capital, had been checking out Vancouver since 2007, but it wasn't until 2016 that he saw opportunities.

"In 2016 we decided the time was right to bet on Vancouver; now we hold [it] up alongside Portland and Seattle as one of the three main areas that we focus on," Mr. Lucas says. "[The city] has come miles in those years since we were looking at it in 2007."

"This is a place that we are interested in sticking with for the long haul and making it a first-class part of our investing practice. It's one of the three pillars of the Pacific Northwest."

Another cost advantage driving the Vancouver tech sector is that the jobs are generally lower paying compared with American jobs. The average salary for a tech worker in Vancouver is \$83,200, according to the BC Tech Association. In Seattle, a tech worker quite new to the field typically makes about US\$130,000.



By the end of 2020, Shopify will have taken over four floors of Vancouver's Bentall Centre, drawing about 1,000 workers to the downtown core.



Co-working company WeWork, which operates shared office spaces such as this one at 333 Seymour St. in Vancouver, aims to provide central office space for startups that would otherwise be priced out of the market.

But those incomes will grow as the big companies continue to move into Vancouver with many positions to fill, thereby creating a highly competitive environment, Mr. Lucas says.

"You can expect an uptick in the salaries of developers in Vancouver as these large employers come in," he explains.

The key to any tech industry is the ecosystem that develops. The presence of major companies helps build the overall ecosystem because then the startups can attract talent who will have other employment as a fallback, Mr. Lucas adds.

For example, employees may be more inclined to move to Vancouver to join a startup because even if it fails, they can find work with another one, or for a big

company.

"It's important for them to be able to rub shoulders and be in proximity to other startup people," Mr. Lucas says.

While about 80 per cent of the startups he visits in Vancouver are located in or around the downtown core, he says that tech office clusters also need to form outside the pricey and slick office tower areas.

A case in point is the ecosystem that has formed out of older, low-scale buildings in Mount Pleasant, a former heavy industrial area on the east side of the city.

Andy Yan, director of the City Program at Simon Fraser University, says about 41 per cent of Metro Vancouver's jobs in information and cultural industries (including tech) are concentrated in

the city of Vancouver.

Around 10 per cent of workers are in urban areas of Burnaby and another 10 per cent in Surrey, he adds.

"High-tech companies have rediscovered the city as opposed to isolated office parks," Mr. Yan says. "They want proximity and connectivity. It goes back to the concept of 'agglomeration externalities,' which is body heat."

"The idea is that when you put people together, particularly people with ideas and networks, they [will] innovate to build new products. They further economic development and, hopefully, create new companies."

U.S. company Hudson Pacific Properties purchased the four-building downtown Bentall Centre last year with an eye to growth

throughout the region. The Bentall site also allows for a fifth tower, which made it a particularly attractive asset. Chuck We, Hudson Pacific's senior vice-president for Western Canada, says the company has been repositioning Bentall, in large part to tap into the tech sector.

"We have hit a tipping point and have a lot of gravity now with the kinds of jobs that this talent is looking for," Mr. We says.

He says Hudson Pacific can play a key role in helping other tech companies and businesses recruit and retain talent in a competitive job market by offering a more exciting work experience. The complex is already home to several tech companies, and last fall rideshare company Lyft moved its 20 employees into the Bentall Centre.

Hudson Pacific is updating public areas, looking into locally sourced food in the food courts and offering outdoor events in the summer.

The new strategy has already paid off: The Shopify deal was a result of its repositioning effort. Mr. We says he has been getting calls from tech companies in West Coast U.S. cities that now see Vancouver as an alternative market.

Co-working company WeWork aims to provide central office space for startups that would otherwise be priced out of the market. Although the market is tight, the company will have 10 spaces open in the region by end of the year.

Stephen Tapp, vice-president for WeWork Canada, says the company has been strategic as it moves into Metro Vancouver. "We have essentially been full since we started because that demand is there."

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Canada, U.S. co-operating to secure vital rare-earth minerals

Countries seek to build stable supply of critical commodities for manufacturing, high-tech sectors key to green economy

ROBERT FIFE
OTTAWA BUREAU CHIEF
OTTAWA

Canada and the United States need to take advantage of the rising global demand for clean energy by harnessing their rare-earth minerals that are critical to electric cars, solar panels and wind turbines, says a senior U.S. official.

Francis Fannon, assistant secretary of state for energy resources, told The Globe and Mail Monday that the two countries are working together to secure a stable supply of critical minerals for North America's manufacturing and high-tech industries that will drive the green economy.

"The world is going to need more minerals because the call for cleaner forms of energy is significant and it is of a scale of the likes that the world has never seen before," he said. "The public demand for clean forms of energy is skyrocketing."

The U.S. government has become increasingly worried about China, which produces 70 per cent of the world's rare-earth minerals and is busy buying up critical mines in Africa, Indonesia and the Philippines.

The U.S. fears China could hold Western economies hostage by denying critical minerals as it did to Japan in 2010 while the two countries were sparring over disputed islands. At the height of the U.S.-China trade war, Beijing last year threatened to restrict the export of some rare-earth minerals.

"Diversity of critical minerals is the backbone of security," Mr. Fannon said. "We share a recognition of the importance of the resilience of supply chains both domestically and the world."

Canada and the U.S. signed a memo of understanding late last year to reduce their reliance on China for rare-earth minerals that are critical to clean energy as well to high-tech and military products, such as smartphones, computer chips and laser weapons.

The U.S. has now begun stockpiling rare-earth minerals at U.S. military facilities, identifying critical mineral projects and developing technologies to drive down costs to remain competitive with China, which often uses cheap labour and



A rare-earth mine is seen near Vanrhynsdorp, South Africa, in July, 2019. The United States is increasingly worried about China, which has been buying critical rare-earth mines in places such as Africa and Southeast Asia. RODGER BOSCH/AFP/GETTY IMAGES

does not have to meet the same environmental standards as Western competitors.

Canada is also part of a U.S. initiative, called the Energy Resources Governance Initiative, to help Third World countries adopt best mining practices.

Mr. Fannon said Canada and the U.S. will share online tips with other countries on how to develop mines responsibly that will attract Western investors.

The Canadian government has also reached out to mining industries in this country for ideas on how to develop critical minerals for the green economy.

The U.S. "critical mineral" list drawn up in 2018 includes six minerals for which Canada was the United States' top supplier, including aluminum (aircraft, power transmission lines, alloys), cesium and rubidium, which often occur together (medical applications, global-positioning satellites and night-vision devices), indi-

um (flat-panel displays, special alloys), potash (key fertilizer), tellurium (infrared devices and solar cells) and uranium (nuclear and medical applications).

In recent years, Chinese firms have also purchased stakes in Canadian companies that extract cesium, uranium, chromite – the main source of chromium, a key ingredient in stainless steel – as well as lithium.

On Friday, the House of Commons finance committee called for a national rare-earth strategy.

"With global energy demand expected to increase, along with an increased focus on GHG [greenhouse gas] emissions reduction, Canada is uniquely positioned as the global hydrocarbon supplier of choice," the committee said.

It noted that the mineral industry employs more than 600,000 workers and contributes \$100-billion annually to Canada's GDP.

Trial

■ FROM B1

When Fortune Financial Management was at its apex and employed more than 550 financial advisers, he published an autobiography, *The Making of Fortune*, that described his journey from poor Guyanese immigrant to wealthy businessman. His LinkedIn page describes him as the author of six other books, including *Learn How to Get Rich and Do Good For Others*.

In the late 1990s, the OSC launched an investigation into Fortune's star salesman, Paul Tindall. After Mr. Tindall was accused of selling unsuitable investments to clients and misrepresenting the risks, the OSC pursued Mr. Singh for not appropriately supervising his employee. Both men reached a settlement with the commission and received temporary trading bans.

Mr. Singh sold Fortune to Dundee Wealth Management in 1999 – for a price tag, Mr. Singh's LinkedIn page states, of \$88-million.

As for how Mr. Singh once again fell on the regulator's radar, court heard on Monday that it received a complaint from George Brown, the former chief financial officer for Rockfort. Lori Toledano, a senior OSC forensic accountant, testified on Monday that Mr. Brown told the commission Rockfort was "operating like a Ponzi scheme" – a fraud in which the underlying investment doesn't make any money, and previous investors are paid out with the money from new investors.

Conducting the case in court means investigators were unable to use the OSC's powers to compel evidence, a tool they have at their disposal when they take action against someone before an OSC administrative panel. Instead, they executed a search warrant on Mr. Singh's office in Markham, Ont.

Ms. Young, the OSC prosecutor, told the court she plans to call seven investors as witnesses, including two women who handed their entire pensions to Mr. Singh's companies. "A majority of these witnesses will testify that they lost most or all of the money that they invested," Ms. Young said.

The trial is scheduled to continue this week, then break and resume in late March.

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Opinion

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- Larne;
- Conrad; and
- Taber.

The bid deadline for submission of proposals for all assets of the Company is set for April 15, 2020.

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DIVIDENDS

Dividend

Computershare

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Issuer	Issue	Record Date	Payable Date	Rate
Cott Corporation	Common	March 10, 2020	March 26, 2020	\$0.06 US

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 432 Rogers Rd. York \$2,900,000 \$302 per sq. ft.	 6710 Sussex Ave. Burnaby \$3,630,000 \$363,000 per unit	 130-138 11th Ave. SE Calgary \$14,700,000 \$173 per sq. ft.	 15 Turbo Dr. Sherwood Park \$7090,000 \$262 per sq. ft.

GREATER TORONTO AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Office	Brampton	20 Nelson St. W. & 37 George St. N.	\$5,525,000	\$133	per sq. ft.
Apartment	North York	31 & 35 St. Dennis Dr.	\$80,000,000	\$241,692	per unit
Industrial	Burlington	1129 Northside Rd.	\$6,700,000	\$162	per sq. ft.

GREATER VANCOUVER AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Industrial	Port Coquitlam	Units 1175-1185, 1579 Kingsway Ave.	\$7,154,173	\$348	per sq. ft.
Industrial	Delta	8128 River Wy.	\$7,500,000	\$223	per sq. ft.
Industrial	Vancouver	365 Railway St.	\$18,000,000	\$766	per sq. ft.

GREATER CALGARY AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Retail	Airdrie	Units 3140 & 3160, 28 Kingsview Rd. SE	\$1,217,650	\$379	per sq. ft.
Industrial	Calgary	Unit 106, 1626 115th Ave. NE	\$2,044,140	\$188	per sq. ft.
Industrial	Calgary	15130 Bannister Rd. SE	\$1,265,000	\$313	per sq. ft.

GREATER EDMONTON AREA

SECTOR	MUNICIPALITY	ADDRESS	PRICE	UNIT PRICE	PARAMETER
Industrial	Edmonton	18073 107th Ave. NW	\$5,604,500	\$177	per sq. ft.
Office	Edmonton	10315 109th St. NW	\$4,625,000	\$286	per sq. ft.
Office	Edmonton	5104 82nd Ave. NW	\$2,430,000	\$122	per sq. ft.

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Markets rebound after virus-fuelled selloff

Lengthy losing streak comes to an end, but outlook for the coming months isn't all rosy

DAVID BERMAN
INVESTMENT REPORTER

ANALYSIS

INSIDE THE MARKET

Stocks surged on Monday in anticipation that central banks will cut their key interest rates to give the ailing global economy a boost, ending a vicious losing streak last week when major U.S. and Canadian benchmarks sustained their worst losses since the financial crisis in 2008.

The S&P 500 rose 136.01 points or 4.6 per cent and the Dow Jones Industrial Average leapt 1,293.96 points or 5.1 per cent for its biggest point gain on record. Canada's S&P/TSX Composite Index increased 290.21 points or 1.8 per cent.

But the session began with some see-sawing amid weak economic news and plummeting bond yields as the coronavirus (COVID-19) continued to spread globally, dampening the economic outlook.

The yield on the 10-year U.S. Treasury bond, which moves inversely to bond prices, fell as low as 1.031 per cent early in the session, touching a fresh record low – and down from more than 1.9 per cent at the start of the year.

The Government of Canada 10-year bond fell as low as 1.027 per cent, down from about 1.7 per cent at the start of the year. Short-term bonds also fell.

“People are reading through that and saying: The central banks have our backs. The virus will probably spread and impact economies, but central banks are ready to cut interest rates as needed,” Jordan Steiner, a portfolio manager at Montreal-based Lester Asset Management, said in an interview.

Financial markets are now pricing in rate cuts by the Bank of Canada, starting as soon as this week, and two cuts by the U.S.

Federal Reserve, starting later this month, as the global spread of the coronavirus weighs on travel, supply networks and trade. Reports on Monday suggested that Group of Seven finance ministers and central bankers will discuss their response to COVID-19 on Tuesday, raising the possibility of a co-ordinated response.

Indeed, the backdrop to the sudden rush into stocks was hardly upbeat.

The Organization for Economic Co-operation and Development slashed its full-year economic growth forecast for 2020 to 2.4 per cent, down half a percentage point from its previous forecast in November. It warned that growth could fall as low as 1.5 per cent if COVID-19 isn't contained.

In the United States, the Institute for Supply Management manufacturing index deteriorated in February, suggesting a disruption to supply chains as a result of the outbreak, which began in China.

“But with the virus continuing to spread around the world and a

more serious outbreak within the U.S. now looking increasingly likely, the disruption is likely to worsen over the coming weeks,” Andrew Hunter, senior U.S. economist at Capital Economics, said in a note.

On Sunday, China reported that its purchasing managers' indexes for manufacturing and non-manufacturing activity contracted sharply in February to record lows, buttressing economists' expectations that China's economy will contract in the first quarter for the first time in modern history.

“But, we hope this will mark the trough. The rapid decline in reported new virus cases is already prompting Chinese authorities to attempt to normalize operations by the end of this quarter,” Beata Caranci, chief economist at Toronto-Dominion Bank, said in a note.

A trough can look ugly though. Goldman Sachs strategist David Kostin said in a note that investors should expect to see a wave of lowered corporate guidance over the next four weeks, culminating in declining

profits in the first half of 2020.

But he assumes that economic activity will rebound in the second half of the year, driving the S&P 500 to his target of 3,400 by the end of the year, if the U.S. avoids slipping into recession.

This worst-is-over outlook may be driving investors to scoop up stocks that were pummelled last week.

Mr. Steiner noted that last week's dramatic selloff was indiscriminate. Sectors such as utilities, telecommunications and real estate fell with everything else, even though stocks with attractive dividends should perform relatively well when bond yields are falling.

On Monday, investors appeared to be more selective, favouring many defensive dividend stocks over a number of insurance companies and banks, which can struggle when interest rates are declining.

In Canada, the big banks rose an average of just 1 per cent while Great-West Lifeco Inc. fell 1.7 per cent, lagging the broader market. But Fortis Inc. rose 3.8 per cent and BCE Inc. rose 5.1 per cent.

Five companies at the forefront of the push to find a coronavirus vaccine

GORDON PAPE

OPINION

INSIDE THE MARKET

Editor and publisher of the Internet Wealth Builder and Income Investor newsletters

The race is on to develop a vaccine against the coronavirus.

The prize could be countless lives saved and perhaps billions of dollars in revenue. But there are a lot of ifs involved.

The situation is growing more acute by the day. Parts of northern Italy have been shut down in an effort to contain a localized outbreak. Other European countries, including Germany, are now reporting cases.

In the United States, at least six people have died from the virus. The Washington Post reported Monday that Americans nationwide were stocking up during the weekend on necessities “in panic-buying mode,” in supermarkets, pharmacies and warehouse stores.

Normally, it takes years for the U.S. Food and Drug Administration to approve new drugs or vaccines. Every new product is subject to rigorous tests and clinical trials before receiving approval.

In serious situations like this, the FDA would certainly fast-track any promising cure or vaccine that is submitted. But even that implies a lengthy delay.

Many companies are racing to be the first out of the gate. Here are some of them.

■ **Moderna Inc.** (MRNA-Q): This biotech company based in Cambridge, Mass., appears to have been the first to submit a vaccine for testing. It specializes in RNA (ribonucleic acid) science – RNA carries the genetic information of many viruses and can be used to create the codes to neutralize them.

On Feb. 24, the company announced it had released the first batch of mRNA-1273, its vaccine against the novel coronavirus, for human use. Vials of the vaccine have been shipped to the National Institute of Allergy and Infectious Diseases, a part of the U.S. National Institutes of Health, to be used in a planned Phase 1 study in the United States.

Tests are expected to start in April, but the process could take up to a year. One of the problems is that RNA vaccines are a new technology that has not yet been approved by the FDA.

Although Moderna posted a loss in 2019, shares of the company shot up on the news. While the rest of the market was tanking, the stock hit a record high of US\$29.98 in heavy trading on Feb. 26. The shares couldn't withstand the meltdown over the following two days, closing Friday at US\$25.93, but they bounced back Monday, rising 15.2 per cent to US\$29.88.



Researchers at the University of Pittsburgh work with samples of the novel coronavirus in Oakland, Pa., on Thursday. It typically takes years for the U.S. Food and Drug Administration to approve new vaccines, with each product subject to rigorous testing and clinical trials before getting approved. NATE GUIDRY/AP

■ **Inovio Pharmaceuticals Inc.** (INO-Q): This Pennsylvania-based company is unknown to most investors, but it is on the leading edge of developing therapies for cancers and infectious diseases using DNA sequencing.

Shortly after the coronavirus outbreak came to public attention, the company announced it has been awarded a US\$9-million grant by the Coalition for Epidemic Preparedness Innovations to develop a vaccine. The money will be used to support Inovio's pre-clinical and clinical development through Phase 1 human testing of INO-4800, the new coronavirus vaccine it has matched to the outbreak strain.

Inovio was the first to advance its vaccine (INO-4700) against MERS-CoV, a related coronavirus, into evaluation in humans. Inovio is currently preparing to initiate a Phase 2 vaccine trial for INO-4700 in the Middle East, where most MERS viral outbreaks have occurred. (MERS stands for Middle East respiratory syndrome.)

Inovio's stock hit a one-year high of US\$5.95 after the news of the grant was announced, but it has since slipped back. It closed on Monday at US\$4.39.

■ **Sanofi SA** (SNY-Q): Paris-based Sanofi Pasteur, the vaccines global business unit of Sanofi, is joining forces with the U.S. Department of Health and Human Services (HHS) to advance a novel coronavirus vaccine.

On Feb. 18, the company announced it will leverage previous development work for a SARS vaccine in an effort to unlock a fast path forward for developing a COVID-19 vaccine. Sanofi will collaborate with the Biomedical Advanced Research and Development Authority (BARDA), part of the HHS Office of the Assistant Secretary for Preparedness and Response.

Sanofi will use its recombinant DNA platform to produce a novel coronavirus vaccine candidate. This technology produces an ex-

act genetic match to proteins found on the surface of the virus, the company said. From there, an antigen can be developed to provide immune system protection against the virus.

But even with a leg up after its work on SARS, we're not looking at a quick fix here. John Shiver, the head of the company's vaccine research and development team, told Statnews.com that even with fast-tracking it would probably be three to four years before a product is generally available. By then, the virus may have run its course.

Nonetheless, Sanofi stock (which trades on Nasdaq as an American depositary receipt) rose 5.4 per cent on Monday to close at US\$48.74.

■ **Regeneron Pharmaceuticals Inc.** (REGN-Q): This biotech company, based in New York, has announced an expanded agreement with HHS to develop new treatments to combat the novel coronavirus, working through BARDA.

The company had been working with the federal agency since 2017 on researching and developing a portfolio of antibodies targeting up to 10 pathogens that pose a significant risk to public health. The extended arrangement will target the novel coronavirus, using the company's proprietary technologies.

The focus will be on Regeneron's VelocImmune platform, which uses a unique genetically engineered mouse with a humanized immune system that can be challenged with all or parts of a virus of interest. This can speed up the process of identification, pre-clinical validation and development of promising antibody candidates.

The company says its systems are particularly well suited for use in quickly developing outbreak situations, as was done for Ebola. It generated revenue of US\$7.9-billion in 2019, up 17 per cent from the prior year. GAAP net income was US\$2.1-billion (US\$18.48 a

share). The stock does not pay a dividend. The shares bucked Friday's downtrend and gained another 4.5 per cent on Monday to close at US\$464.75.

■ **Gilead Sciences Inc.** (GILD-Q): This major biopharmaceutical company announced on Wednesday that it is launching two Phase 3 clinical studies to determine whether its anti-viral drug remdesivir can safely and effectively treat people with COVID-19.

The initiation of these studies follows the FDA's rapid review and acceptance of Gilead's investigational new drug filing for remdesivir for the treatment of the new disease.

Remdesivir is an experimental antiviral drug. It has not been licensed for use anywhere in the world to this point. The tests are being done on a compassionate-use basis for emergency treatment. If it is proved to be effective, it would be used as a cure for patients, not a vaccine for prevention.

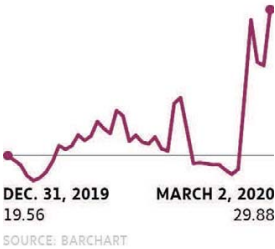
Gilead stock jumped to a 52-week high after the news of the tests was announced, although it pulled back later. The stock closed Monday at US\$75.40, up 8.7 per cent.

Many other companies have set up research teams to find a vaccine, but Gilead appears to be the front-runner in terms of a potential cure with a drug that already exists.

At this point, the long delays in obtaining approval mean there will be no immediate vaccine. But if Gilead's clinical trials are successful, there may be hope for a treatment within a shorter time frame.

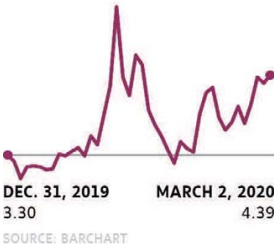
The company generated sales of US\$22.1-billion in 2019 and reported diluted earnings per share of US\$4.22 based on GAAP standards. The company recently raised its quarterly dividend to 68 US cents (US\$2.72 a year), to yield 3.6 per cent based on Monday's closing price.

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YEAR TO DATE



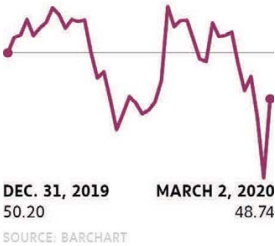
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INOVIO PHARMA 4.39 +1.09 (33.03%)
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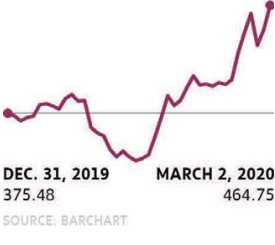
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SANOFI-AVENTIS S.A. 48.74 -1.46 (-2.91%)
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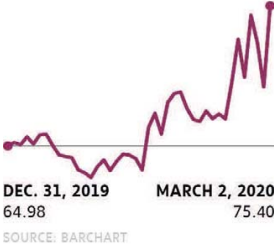
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REGENERON PHARMACEUTICALS 464.75 +89.2 (23.77%)
YEAR TO DATE



SOURCE: BARCHART

GILEAD SCIENCES INC 75.40 +10.42 (16.04%)
YEAR TO DATE



SOURCE: BARCHART

Clear advice in hazy times

ROB CARRICK
 **OPINION**

We learned Monday that the stock market isn't an elevator headed to the basement level.

The worst week for stocks since the 2008 financial crisis was followed by a resounding bounce higher. Enjoy the respite from last week's misery, but plan for more of it ahead as the financial world analyzes how the coronavirus will affect the global economy and the stock market. Here are some personal finance and investing do's and don'ts to get you through the months ahead.

DO EXPECT INTEREST RATES TO FALL

It could happen as soon as Wednesday in Canada and later this month in the United States. Central banks will lower their trend-setting interest rates, and that in turn will lower borrowing costs for individuals and businesses. Variable-rate mortgages, lines of credit and floating rate loans would be affected right away. Returns on savings accounts could follow.

Rates in the bond market have already plunged and we could see a resulting downward move in fixed five-year mortgage rates. The yield on the five-year Government of Canada bond, which sets the trend for five-year fixed mortgage rates, briefly cracked through the 1-per-cent market Monday afternoon. That's down from 1.76 per cent a year ago, a tremendous drop by bond market standards.

DON'T INTERPRET LOWER RATES AS A GOOD THING

Yes, borrowing costs will fall. But consider the reason – concern about a recession. Jobs, pay raises and bonuses could be at risk.

DON'T DELAY IF YOU WANT TO PUT MONEY IN GICS

As go bond yields, so go the returns on guaranteed investment certificates. The longer you wait to buy GICs, the biggest the risk that today's already low yields will get smaller. Notice the cruel investing math at work here? As safe havens get more attractive in comparison to stocks, the returns they offer get worse.

DO START AN AUTOMATIC INVESTING PLAN FOR CONTRIBUTIONS TO REGISTERED RETIREMENT SAVINGS PLANS OR TAX-FREE SAVINGS ACCOUNTS

Fallen markets offer a perfect time to start making contributions to your investments every payday. Start putting your money into the markets while prices are low.

Make the plan automatic so that money is electronically transferred from the chequing account where your paycheck gets deposited into your TFSA or RRSP. Automatic investing also eliminates the chance you'll skip a contribution because stocks are down. That's precisely when you want to buy.

DON'T WASTE TIME TRYING TO FIGURE OUT WHICH SECTORS WILL PROFIT AND WHICH WILL OFFER SAFETY

Should you search for the biotech company most likely to develop a coronavirus vaccine? Buy 3M stock because the company is a big producer of respirator masks? Maybe gold because it's a legend-

ary hedge against uncertainty?

Forget about the quick score and instead use the recent market decline to buy foundational investments that you could foresee owning forever. Dividend stocks have been talked about and praised to the point of tedium, but they certainly qualify. So do exchange-traded funds tracking the big stock market benchmarks, and quality equity mutual funds.

DO CONSIDER A SUMMER VACATION IN CANADA THIS YEAR

Save money on foreign exchange costs and reduce the stress of wondering whether the expensive foreign trip you booked might be affected by the virus.

DON'T GET CAUGHT UP IN DISASTER PLANNING

Selling your investments or stockpiling food and household goods are overly extreme reactions to what's happening in the world. Selling your investments could set you back years in meeting financial goals such as retirement. Stockpiling could mean blowing your household budget to buy a bunch of things you don't actually need (bottled water) and may never use.

DO USE YOUR TAX REFUND FOR DEBT REDUCTION OR ADDING TO SAVINGS

Two guaranteed ways to improve your ability to handle financial shocks are to reduce debt and build up your emergency fund. Where might you find the money? Just file your income tax return for 2019. The Canada Revenue Agency reports that the average tax refund over the past 12 months was \$1,740. That's a nice start on an emergency fund right there.

Markets summary

CANADIAN STOCKS

Canada's main stock index had its best day in 14 months as North American stock markets rebounded strongly on expectations that central banks will cut interest rates to offset the economic damage caused by the spread of the novel coronavirus.

The S&P/TSX composite index closed up 1.8 per cent. That was the largest single-day increase since Dec. 27, 2018.

The Bank of Canada is expected to start the cutting at its regular meeting on Wednesday, ending a protracted pause while other global central banks cut their rates.

BCE climbed 5.1 per cent followed by Rogers Communications Inc. at 4.1 per cent.

U.S. STOCKS

The Dow Jones Industrial Average surged more than 5 per cent while the S&P 500 and Nasdaq each jumped more than 4 per cent in a major rebound after last week's steep sell-off sparked by fears about the coronavirus.

After the stock market extended gains in the session's final minutes, the Dow wrapped up its strongest one-day gain since 2009, while the S&P 500 and Nasdaq each had their strongest one-day rise since December, 2018. That rally came after the U.S. stock market's worst week since the 2008 financial crisis, sinking into correction territory on Thursday because of fears of a recession resulting from the epidemic.

The Dow Jones Industrial Average jumped 5.09 per cent, while the S&P 500 surged 4.60 per cent. The Nasdaq Composite added 4.49 per cent.

COMMODITIES

Oil prices rose more than 4 per cent, reversing an early fall to multiyear lows as hopes of a deeper cut in output by OPEC and stimulus from central banks countered worries about damage to demand from the coronavirus outbreak.

FOREX AND BONDS

The Canadian dollar rose against its U.S. counterpart, notching its biggest gain since the start of the year.

The U.S. dollar slipped to a six-week low against a basket of currencies, as investors bet on the U.S. Federal Reserve easing policy in a bid to counter the negative impact from the spread of the new coronavirus.

Canadian government bond yields fell across the yield curve in sympathy with U.S. Treasuries. The 10-year yield was down 8.9 basis points (a basis point is a hundredth of a percentage point) at 1.034 per cent. It touched its lowest intraday level since October, 2016, at 1.027 per cent.

U.S. Treasury prices fell as long-dated yields rose from record lows, stocks soared and investors cheered stimulus measures from global central banks.

REUTERS AND THE CANADIAN PRESS

Building a portfolio that can withstand market turbulence

EMILY HALVERSON-DUNCAN
NUMBER CRUNCHER

CFA, director, CPMS sales at Morningstar Research Inc.

WHAT ARE WE LOOKING FOR?
Canadian stocks that can weather market volatility.

THE SCREEN

After last week's market correction and continuing uncertainty regarding the COVID-19 outbreak and its effects on global health and the economy, it may be tempting for investors to sell their holdings for cash to avoid further decline. It bears remembering, however, that if your portfolio is down but you choose to wait out the storm, you haven't actually lost any money. Indeed, based on historical evidence, investors will make that loss back should they stay invested over the long term. This is certainly easier said than done. Taking the time to ensure your portfolio has a strong ability to manage market volatility will make staying invested an easier goal to achieve.

Today's strategy is searching for a portfolio of Canadian stocks

Select Canadian-listed stocks

RANK	COMPANY	TICKER	MORNINGSTAR SECTOR	MKT. CAP. (\$ MIL.)	5Y BETA	D/E	SY TTL. RTN. STAND. DEV. (%)	INDUSTRY REL. EARNNS. VAR. (%)	DIV. YLD. (%)	RECENT PRICE (\$)	12M PRICE CHG. (%)
1	Winpak Ltd.	WPK-T	Cons. Cyclical	2,858.1	0.0	0.0	21.4	-2.2	0.3	43.97	2.6
2	Richelieu Hardware Ltd.	RCH-T	Cons. Cyclical	1,545.8	0.7	0.0	22.2	-8.3	1.0	27.47	16.5
3	Boston Pizza Royalties I.F.	BPF-UNT	Cons. Cyclical	288.7	0.9	0.0	17.4	-7.0	9.2	13.25	-22.3
4	Acadian Timber Corp.	ADN-T	Basic Materials	277.0	0.5	0.0	19.9	-5.0	7.0	16.60	-3.2
5	Blackline Safety Corp.	BLN-X	Technology	334.7	0.0	0.0	47.9	-4.0	0.0	6.98	36.9
6	Firm Capital Mortg.	FC-T	Fin'l Services	385.1	0.3	0.5	11.1	-9.3	6.9	13.59	3.7
7	Sylogist Ltd.	SYZ-X	Technology	216.4	0.0	0.0	30.4	-1.8	4.4	9.10	-27.3
8	Timbercreek Financial	TF-T	Fin'l Services	797.6	0.5	0.2	11.4	-7.6	7.2	9.58	2.5
9	Atrium Mortgage Invst.	AI-T	Fin'l Services	573.0	0.6	0.3	12.6	-9.2	6.5	13.77	4.0
10	Enghouse Systems Ltd.	ENGHT	Technology	2,798.3	0.5	0.0	28.8	-4.0	0.9	50.90	33.6
11	Corby Spirit & Wine Ltd.	CSW-A-T	Cons. Defensive	438.4	0.6	0.0	17.9	-5.8	5.7	15.40	-17.0
12	Evertz Technologies	ET-T	Technology	1,267.6	0.0	0.1	21.3	-6.9	4.4	16.53	0.5
13	Metro Inc.	MRU-T	Cons. Defensive	13,244.9	0.2	0.7	16.5	-9.5	1.7	52.28	5.7
14	InterRent REIT	IIP-UN-T	Real Estate	2,017.2	0.2	0.5	16.5	-7.5	1.9	16.59	17.6
15	CGI Inc.	GIB-A-T	Technology	22,666.0	0.6	0.4	18.5	-11.9	0.0	94.31	6.9

Source: Morningstar Research Inc.

that are poised to weather volatile markets, with a focus on downside protection to avoid any severe downward fluctuations.

This strategy ranks stocks based on five-year beta (measures a company's sensitivity relative to historical changes in the benchmark – here we use the S&P/TSX Composite Index – low values preferred); industry-relative earnings variability (measures how volatile a company's earnings are relative to its industry median – low values preferred); long-term debt-to-equity ratio (a measure of liquidity, low

values preferred); and five-year total return standard deviation (a measure of risk, low values preferred).

Stocks that qualify must have:

- Five-year beta of less than one (in trending markets, a stock with beta less than one has historically moved less than the index);
- Five-year total return standard deviation in the top two-thirds of peers (today this value is 58.1 per cent or less);
- Long-term debt-to-equity ratio less than 1.1;
- Industry-relative earnings

variability in the top two-thirds of peers (this value today is 1.7 per cent or less);

■ Market capitalization in the top two-thirds of peers (today, this value is \$154.8-million or higher).

MORE ABOUT MORNINGSTAR

Morningstar Research Inc. provides independent investment research in North America, Europe, Australia and Asia. Its research tool, Morningstar CPMS, provides quantitative North American equity research and

portfolio analysis to institutional clients and financial advisers. CPMS data cover more than 95 per cent of the investable North American stock market.

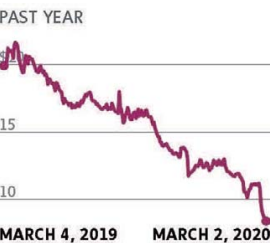
WHAT WE FOUND

I used Morningstar CPMS to back-test this strategy from January, 2004, to January, 2020. During this process, a maximum of 15 stocks were purchased. Stocks were sold if their five-year beta rose above 1.2 or if their long-term debt-to-equity ratio rose above 1.3. When sold, the positions were replaced with the highest-ranked stock not already owned in the portfolio.

Over this period, the strategy produced an annualized total return of 11.4 per cent while the S&P/TSX Composite returned 7.5 per cent on the same basis. The strategy outperformed in 86 per cent of down markets (measured as quarters where the S&P/TSX experienced negative returns) compared with the benchmark.

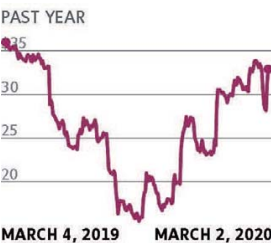
Stocks that qualify for purchase into the strategy today are listed in the accompanying table. As always, investors are encouraged to conduct their own independent research before purchasing any of the investments listed here.

EYE ON EQUITIES DAVID LEEDER



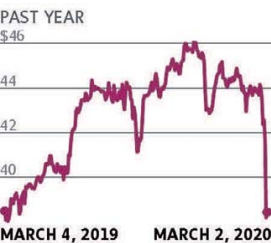
SOURCE: BARCHART
SHAWCOR (SCL-TSX)
CLOSE \$8.35, DOWN 7¢

Industrial Alliance Securities analyst Elias Foscolos lowered his rating for **Shawcor Ltd.**, expecting to see a decline in North American revenue this year owing to lower drilling and completions activity. Also moderating his expectations for international and offshore pipe coating, Mr. Foscolos lowered the Toronto-based oil field services company to “buy” from “strong buy.” **Target:** His target for Shawcor shares slid to \$15 from \$20. The consensus target on the Street is \$13.50.



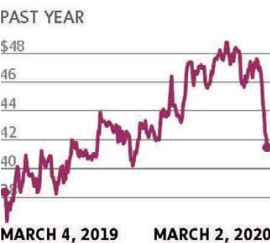
SOURCE: BARCHART
SNC-LAVALIN GROUP (SNC-TSX)
CLOSE \$32.86, UP \$1.66

Although he was “pleased” with **SNC-Lavalin Group Inc.’s** results, Laurentian Bank Securities analyst Nauman Satti downgraded it to “hold” from “buy.” “While provided guidance was in line with our conservative estimates and we believe that a valuation gap remains vs. peers, the overhang and uncertainty surrounding LSTK project losses in 2020 (OCF potentially negative) causes us to shift,” he said. **Target:** Mr. Satti kept a \$33 target. Consensus is \$39.50.



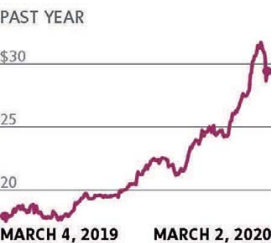
SOURCE: BARCHART
LAURENTIAN BANK (LB-TSX)
CLOSE \$38.43, UP 24¢

With its “large” first-quarter earnings-per-share miss, **Laurentian Bank of Canada** has hit “bumps alongside the transformation process,” Canaccord Genuity analyst Scott Chan said. “Recent macroeconomic concerns (e.g. COVID-19, GDP, rail strikes) likely put even more pressure on LB’s earnings targets,” he said. **Target:** Maintaining a “sell” rating, Mr. Chan dropped his target to \$32 from \$35. Consensus is \$38.91.



SOURCE: BARCHART
PARKLAND FUEL (PKI-TSX)
CLOSE \$41.44, DOWN 76¢

Citing a “more competitive back-drop in Western Canadian retail fuel margins,” Raymond James analyst Steve Hansen lowered his financial projections for **Parkland Fuel Corp.**, despite touting its “long-term growth prospects and solid execution track record.” “Notwithstanding these latest revisions, we continue to recommend PKI shares for growth-orientated investors,” he said. **Target:** Keeping an “outperform” rating, he shrunk his target to \$48 from \$51. Consensus is \$53.62.



SOURCE: BARCHART
BORALEX (BLX-TSX)
CLOSE \$29.42, UP 77¢

After “solid” fourth-quarter results, Raymond James analyst David Quezada said **Boralex Inc.’s** recent weakness provides an enticing opportunity. “It may feel like the distant past but as recently as a week ago, BLX was among the renewable power producers riding a wave of positive ESG sentiment to new highs,” he said. **Target:** With an “outperform” rating (unchanged), Mr. Quezada raised his target to \$32 from \$30. Consensus is \$31.06.

S&P/TSX COMPOSITE INDEX

PAST 12 MONTHS



TSX INDEXES AND SUB INDEXES

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
TSX COMPOSITE IND	16553.26	290.21	1.78	374721	-2.99
TSX 60 INDEX	988.97	16.82	1.73	199708	-2.56
TSX COMPLETION IN	1001.41	19.53	1.99	175013	-4.53
TSX SMALLCAP INDE	530.88	11.26	2.17	92663	-10.85
TSX VENTURE COMMO	513.28	15.67	3.15	80140	-11.13
TSX CONSUMER DISC	183.75	2.24	1.23	12181	-8.61
TSX CONSUMER STAP	612.94	6.81	1.12	9062	-1.00
TSX ENERGY CAPPE	115.34	0.25	0.22	72072	-20.98
TSX FINANCIALS CA	306.80	4.42	1.46	55372	-2.75
TSX HEALTH CARE C	63.31	0.47	0.75	17029	-17.16
TSX INDUSTRIALS C	285.57	5.44	1.94	49510	-0.14
TSX INFORMATION T	124.24	2.43	1.99	7372	5.35
TSX MATERIALS CAP	246.80	4.84	2.00	74146	-8.05
TSX REAL ESTATE C	357.92	9.79	2.81	18464	3.32
TSX GLOBAL GOLD I	256.48	7.44	2.99	98461	-1.84
TSX GLOBAL MINING	73.46	2.03	2.84	197431	-10.85
TSX INCOME TRUST	241.09	7.55	3.23	18970	4.08
TSX PREFERRED SHA	585.84	-4.16	-0.71	2944	-4.92
TSX TELECOM SERV	176.54	6.21	3.65	13353	-1.48
TSX UTILITIES CAP	310.82	9.91	3.29	23929	7.63

TSX GAINERS

TOP 20 FOR STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
MYA MAYA GOLD & S	1.10	0.28	34.15	167	-43.59
TRIL TRILLIUM THE	8.41	1.71	25.52	1064	532.33
ORA AURA MINERALS	80.00	14.96	23.00	6	210.32
LMNL LIMINAL BIOS	13.48	2.43	21.99	11	22.99
APY ANGLO PACIFIC	2.64	0.44	20.00	1	-20.00
ONC ONCOLYTICS BI	3.21	0.50	18.45	408	-47.80
MDNA MEDICENNA TH	3.76	0.57	17.87	93	10.59
WFS WORLD FINANCI	2.08	0.30	16.85	21	-32.47
GDC GENESIS LAND	1.74	0.22	14.47	3	-23.35
FMN NORTH AMERICA	6.65	0.83	14.26	269	-4.86
FTN FINANCIAL IS	6.51	0.79	13.81	544	-7.26
CDD-UN CORE CANAD	5.90	0.65	12.38	1	2.97
BGI-UN BROOKFIELD	7.53	0.82	12.22	78	-3.83
BBD-A BOMBARDIER	1.13	0.11	10.78	342	-41.75
BLDP BALLARD POWE	13.36	1.30	10.78	2317	43.97
NGD NEW GOLD INC	1.14	0.11	10.68	1500	-0.87
HUT HUT 8 MINING	1.25	0.12	10.62	186	16.86
SPG SPARK POWER G	2.10	0.20	10.53	59	75.00
TXU-UN TOP 10 SPL	2.52	0.24	10.53	4	-30.58
BBD-B BOMBARDIER	1.06	0.10	10.42	28328	-45.08

S&P 500

PAST 12 MONTHS



TSX VOLUME

TOP 20 FOR STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
BBD-B BOMBARDIER	1.06	0.10	10.42	28328	-45.08
SU SUNCOR ENERGY	36.80	-0.19	-0.51	17289	-13.53
MFC MANULIFE FIN	22.91	0.35	1.55	10735	-13.09
XIU ISHARES S&P T	24.84	0.36	1.47	10462	-2.82
ENB ENBRIDGE INC	50.91	0.95	1.90	8056	-1.39
HOD BETAPRO CRUDE	5.83	-0.60	-9.33	8043	58.86
ABX BARRICK GOLD	26.49	0.89	3.48	7923	9.83
TD TORONTO-DOMINI	69.51	0.47	0.68	7626	-4.56
BTO B2GOLD CORP	5.31	-0.05	-0.93	7481	1.92
HOU BETAPRO CRUDE	3.83	0.33	9.43	7178	-41.79
CVE CENOVUS ENERG	9.95	0.08	0.81	7028	-24.62
K KINROSS GOLD CO	7.06	0.31	4.59	6332	14.61
ACB AURORA CANNAB	1.81	0.00	0.00	6112	-35.13
CNO CDN NATURAL R	34.14	-0.41	-1.19	5966	-18.71
RY ROYAL BANK OF	102.29	2.47	2.47	5715	-0.45
BTE BAYTEX ENERGY	1.26	0.02	1.61	5507	-32.62
WCP WHITECAP RESO	4.01	0.07	1.78	5331	-27.75
CPG CRESCENT POIN	3.70	0.05	1.37	4750	-36.10
YRI YAMANA GOLD I	5.30	0.07	1.34	4705	3.11
BNS BANK OF NOVA	70.57	0.35	0.50	4568	-3.79

TSX LOSERS

TOP 20 FOR STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
PNC-B POSTMEDIA N	2.10	-0.44	-17.32	1	23.53
PNC-A POSTMEDIA N	2.05	-0.34	-14.23	1	34.87
BPO-PRY BROOKFIE	8.99	-1.31	-12.72	3	-15.98
YCM COMMERCE SPLI	1.10	-0.15	-12.00	N/A	-28.10
CWEB CHARLOTTE'S	7.30	-0.87	-10.65	482	-26.56
GEO GEODRILL LIMI	1.67	-0.19	-10.22	6	15.97
CNU CNOOC LIMITED	188.89	-21.11	-10.05	N/A	-12.14
HOD BETAPRO NASDA	3.84	-0.41	-9.65	2107	-5.88
HOD BETAPRO CRUDE	5.83	-0.60	-9.33	8043	58.86
SPP-PJ SPROTT PHY	16.87	-1.69	-9.11	1	17.97
UNP-PR-C UNITED C	31.24	-3.10	-9.03	1	14.43
HSB BETAPRO SP500	11.60	-1.15	-9.02	3238	6.62
BPO-PR-W BROOKFIE	9.85	-0.97	-9.86	7	-9.63
SMT SIERRA METALS	1.65	-0.15	-8.33	14	-24.31
HND BETAPRO NAT G	14.99	-1.24	-7.64	1078	47.11
BPO-PR-X BROOKFIE	9.75	-0.80	-7.58	N/A	-10.14
HOT-U AMERICAN HO	4.23	-0.31	-6.83	2	-20.79
TVA-B TVA GROUP I	2.20	-0.15	-6.38	18	48.65
HSE-PR-B HUSKY EN	10.69	-0.71	-6.23	7	-13.79
PFB PFB CORP	11.62	-0.76	-6.14	1	-12.10

DOW JONES INDUSTRIAL AVERAGE

PAST 12 MONTHS



TSX 52-WEEK HIGHS

STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
DRM DREAM UNLIMIT	13.25	0.50	3.92	355	13.25
GDI GDI INTEGRATE	37.40	1.26	3.49	16	10.55
HBC HUDSONS BAY C	10.95	0.02	0.18	1784	10.83

TSX 52-WEEK LOWS

STOCKS \$1 OR MORE

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
BMO-PR-S BMO CL B	16.24	-0.32	-1.93	7	-10.03
BMO-PR-D BMO PREF	19.63	-0.32	-1.60	8	-8.06
BMO-PR-E BMO PREF	18.81	-0.30	-1.57	8	-6.37
BMO-PR-F BMO PREF	23.35	-0.44	-1.85	32	-5.47
BMO-PR-Y BANK OF	17.17	-0.38	-2.17	4	-11.22
BNS-PR-E BNS PREF	25.58	-0.10	-0.39	6	-1.99
BPS-PR-C BROOKFIE	25.30	0.00	0.00	2	-0.35
CM-PR-O CIBC PREF	15.58	-0.31	-1.95	8	-7.59
CM-PR-Q CIBC PREF	17.15	-0.17	-0.98	7	-10.58
CM-PR-R CIBC PREF	19.93	-0.54	-2.64	13	-6.61
CM-PR-T CIBC PREF	22.85	-0.24	-1.04	9	-2.43
ECN-PR-C ECN CAPI	20.25	0.54	2.74	1	-0.05
WN-PR-A GEORGE WE	25.59	0.34	1.35	11	-0.81
HSE-PR-C HUSKY EN	15.81	-0.48	-2.95	9	-9.50
IAF-PR-G INDUSTRI	17.76	-0.48	-2.63	7	-9.16
IFC-PR-C INTACT F	16.60	-0.01	-0.06	4	-5.68
IFP-PR-G INTACT F	17.75	-0.35	-1.93	8	-6.33
MFC-PR-K MANULIFE	16.41	-0.19	-1.14	1	-8.73
MFC-PR-L MANULIFE	15.23	-0.19	-1.23	2	-12.52
MFC-PR-O MANULIFE	25.47	0.05	0.20	4	-1.20

TSX COMPOSITE INDEX 16,553.26 +4,724.95 (39.95%)

PAST 10 YEARS



S&P/TSX COMPOSITE INDEX STOCKS

LARGEST STOCKS BY MARKET CAPITALIZATION

	CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG		CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG		CLOSE	NET CHG	% CHG	VOL 000s	YTD %CHG
ARE AECON GROUP I	16.39	0.68	4.33	847	-6.45	CSH-UN CHARTWELL	13.35	0.32	2.46	702	-3.96	IAG INDUSTRIAL AL	64.49	0.60	0.94	533	-9.59
AFN AG GROWTH INT	39.30	0.63	1.63	95	-15.37	CHE-UN CHEMTRADE	8.91	0.38	4.45	394	-19.22	INE INNERGEX RENE	20.33	0.65	3.30	917	20.58
AEM AGNICO EAGLE	64.31	0.62	0.97	1176	-19.59	CHP-UN CHOICE PRO	14.01	0.49	3.62	612	0.72	IFC INTACT FINANC	149.31	3.82	2.63	525	6.33
AC AIR CANADA	34.57	0.32	0.93	2830	-28.74	CHR CHORUS AVIAT	6.52	0.03	0.46	1093	-19.41	IPL INTER PIPELIN	19.80	-0.06	-0.30	3523	-12.16
ASR ALACER GOLD C	5.92	-0.15	-2.47	989	-14.20	CXG CINEPLEX INC	32.85	-0.41	-1.42	2015	-2.95	IFP INTERFOR CORP	12.03	0.10	0.84	422	-18.00
AGI ALAMOS GOLD I	7.92	0.11	1.41	1150	1.15	CGA COGECO COMMUN	107.77	1.55	1.46	193	-4.80	IFN INTERFERENT	17.07	0.48	2.89	623	9.14
AD ALARIS ROYALTY	19.16	-0.69	-3.48	1052	-12.63	CGI COLLIERIES INT	11.41	2.61	2.40	156	10.20	ITP INTERIAPPE POL	14.30	0.11	0.78	816	-13.96
AQN ALGONQUIN POW	20.73	0.39	1.91	3023	13.17	CUF-UN COMINAR R	14.27	0.43	3.11	491	0.78	IVN IVANHOE MINES	3.10	-0.03	-0.96	1781	-27.06
ATB-B ALIMENTATION	41.30	0.54	1.32	2759	0.22	CSU CONSTELLATION	1373.96	6.53	0.48	67	8.94	JWL JAMIESON WEL	26.35	0.38	1.46	87	2.33
AP-UN ALLIED PROP	55.42	0.95	1.74	1093	6.43	CJR-B CORUS ENTER	4.36	0.15	3.56	913	-18.05	KEY KEYERA CORP	32.54	0.32	0.99	1150	-4.35
ALA ALTAGAS LTD	20.63	0.56	2.79	1807	4.30	CBK COTT CORP	19.52	0.49	2.57	1160	10.03	KMP-UN KILLAM APA	22.13	0.67	3.12	401	16.84
AIF ALTUS GROUP L	45.45	0.57	1.27	198	19.73	CPG CRESCENT POIN	3.70	0.05	1.37	4750	-36.10	KNS KINAXIS INC	113.55	0.70	0.62	155	13.53
APHA APHRIA INC	4.66	-0.20	-4.12	3959	-31.27	CRN-UN CROMBIE RE	15.33	0.83	5.72	796	-3.83	K KINROSS GOLD CO	7.06	0.31	4.59	6332	14.61
ARX ARC RESOURCES	6.00	0.16	2.74	3353	-26.65	CRON CRONOS GROUP	7.99	0.20	2.57	1020	-19.86	KL KIRKLAND LAKE	43.07	-0.22	-0.51	2475	-24.76
ATZ ARITZIA INC	22.56	0.44	1.99	279	18.43	DSG DESCARTES SYS	56.26	0.53	0.95	207	1.37	GUD KNIGHT THERAP	6.63	-0.04	-0.60	458	-12.53
AXU-UN ARTIS REAL	12.51	0.45	3.73	726	5.13	DOL DOLLARAMA INC	39.64	0.18	0.46	1625	-11.18	LIF LABRADOR IRON	20.20	0.72	3.70	282	-17.95
ACO-X ATCO LTD CL	50.71	0.63	1.26	509	1.89	DIR-UN DREAM INDU	13.08	0.43	3.40	750	-0.46	LB LAURENTIAN BAN	38.43	0.24	0.63	650	-13.50
ATA ATS AUTOMATIO	18.05	0.12	0.67	215	-15.77	DUN-UN DREAM OFFI	34.11	0.93	2.80	295	9.57	LSPD LIGHTSPEED P	32.85	-0.39	-1.17	743	-8.93
ACB AURORA CANNAB	1.81	0.00	0.00	6112	-35.13	ECN ECN CAPITAL C	5.68	0.19	3.46	797	18.58	LNR LINAMAR CORP	36.52	-0.40	-1.08	264	-25.67
BTO B2GOLD CORP	5.31	-0.05	-0.93	7481	1.92	ELD ELDORADO GOLD	12.46	0.81	6.95	2034	19.46	LLO LOWLAW CORP	67.36	0.86	1.29	1429	0.54
BCE BCE INC	61.95	3.00	5.09	3885	2.98	ELF ELEMENT FLEET	12.92	0.36	2.87	1734	16.50	LUN LUNDIN MINING	6.97	0.12	1.75	2282	-10.18
BAD BADGER DAYLIG	31.55	0.15	0.48	133	-10.22	EMA EMERA INCORPO	57.57	1.01	1.79	1767	3.19	MAG MAG SILVER CO	12.27	0.89	7.82	427	-20.01
BLDP BALLARD POWE	13.36	1.30	10.78	2317	43.97	EMP-A EMPIRE COMP	30.15	0.16	0.53	609	-1.02	MAG MAGNA INTERNAT	62.96	1.87	3.06	1358	-11.5

SPORTS

The Jays' renovated spring-training ballpark gives fans a lesson in local history ■ B14

Johnson decides the FedEx Cup should take priority over Olympics, pulls out of Tokyo ■ B17

[PHOTO OF THE DAY]



Triple threat

Skip Matt Dunstone calls the sweep for Team Saskatchewan as they take on Team British Columbia led by Steve Laycock at the Brier in Kingston on Monday. Dunstone delivered a highlight-reel runback triple takeout to seal the win over Laycock. It just wasn't the B.C. skip's day, as he fell to Team Wild Card's Mike McEwen in afternoon play as well ■ B16

SEAN KILPATRICK/THE CANADIAN PRESS

Flames look to bring winning momentum back home after road trip

JOSHUA CLIPPERTON

Milan Lucic joked the Flames might want to stay in a hotel before their next game in Calgary. If it helps them duplicate large parts of the team's most recent road trip, the idea might be worth a shot. The Flames picked up seven of a possible 10 points during a stretch of five outings in eight days away from Scotiabank Saddledome, capping things with Sunday's resounding 3-0 shutout of the Florida Panthers. And had it not been for a last-gasp equalizer by the Nashville Predators, Calgary could have come away from their longest and most difficult spell away from home in 2019-20 with even

more as the club continues to battle for a Western Conference playoff berth "When we put our game on the ice the way we can play it, we can play with anybody," Flames interim head coach Geoff Ward said after the victory in Sunrise, Fla. "We saw that over the course of the road trip." Calgary opened with a 4-2 victory over the lowly Detroit Red Wings before picking up an impressive 5-2 decision in Boston against the NHL-leading Bruins. The Flames lost 4-3 in overtime at Nashville after that buzzer-beater to force extra time and were outplayed in a 4-3 setback to the Tampa Bay Lightning – the team with the third-best record in the league – on Saturday before regrouping with that solid effort against the Panthers. ■ FLAMES, B14

Rowing Canada CEO backs women's leadership after firing team's coach

JOHN CHIDLEY-HILL

Five days after women's head coach Dave Thompson was fired by Rowing Canada, chief executive officer Terry Dillon is backing the remaining leadership group. Dillon would not get into the reasons for Thompson's firing, calling it an "employment matter" and saying it was covered by a confidentiality agreement, but on Monday he endorsed former assistants Michelle Darvill, Phil Marshall and Lesley Thompson-Willie. That trio will now be responsible for preparing the Canadian women's rowing team for the coming Tokyo Olympics, including possibly qualifying more boats for the Summer Games.

"We have an extraordinarily talented coaching team and we have a high level of confidence in the coaches that are in place with the women's program," Dillon said. "They bring a huge amount of experience to this group. They've been very much integral to the success that the program has had over the last several years. We feel really confident that team is capable of taking the group forward." Dick Tonks remains in place as the head coach of the men's national team. Six Canadian crews have qualified for the 2020 Summer Games, five of them women's boats that Thompson had coached with the help of Darvill, Marshall and Thompson-Willie. ■ ROWING, B17

Jays’ spring ballpark in bloom after renovation

Updated Florida stadium offers visitors more seating, a centre-field bar, a ‘party room’ and a lesson in local history

MELISSA COUTO

Blue Jays fans visiting Toronto’s spring training stadium in Florida will be treated to an upgraded game-watching experience this season.

They’ll also get a lesson in community history, thanks to a hefty renovation at the ballpark that began early last year.

The stadium, now named TD Ballpark in Dunedin, Fla., underwent a massive overhaul that required more than 92,000 person-hours and cost US\$100-million combined with the large-scale renovations to Toronto’s training complex across town.

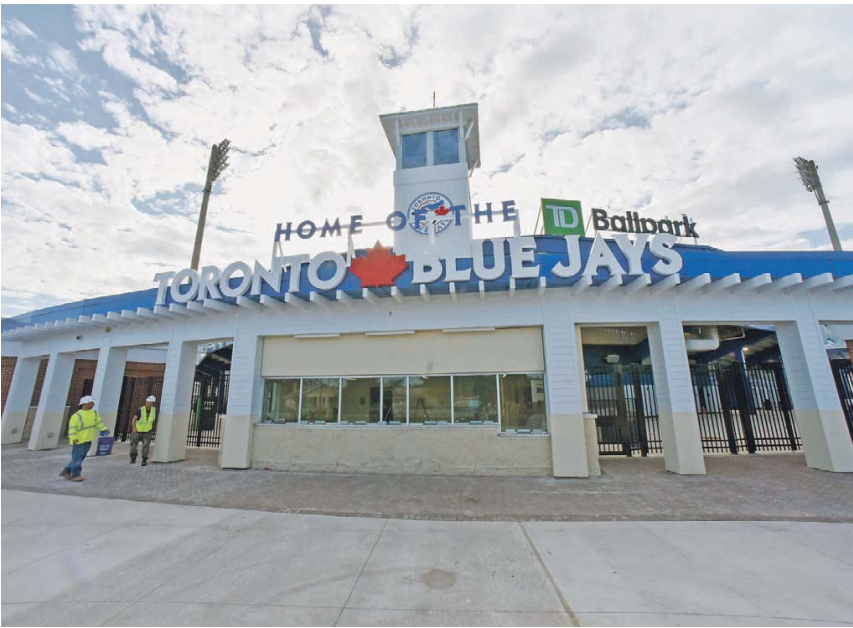
Now that the stadium is done – the training facility won’t be ready until later this summer – the team is hoping hints of Dunedin culture will shine through the 2,300 cubic yards of new concrete used on the project.

“We’re a really small town that has a team and there’s such a history with the Blue Jays in Dunedin,” Shelby Nelson, Toronto’s director of Florida operations, said in an interview. “We’re the only team in the major leagues that has never changed venues for spring training, we’ve always been here [since the franchise’s first season in 1977].

“So it was important for us to combine the two and bring in that local [flare].”

A significant nod to the history of the Gulf Coast city can be seen in the new raised outfield boardwalk. Called the Orange Trail – named after the Orange Belt Railway that ran through Dunedin in the late 19th century – the boardwalk wraps from right to left field along the top of the outfield walls, allowing fans to walk around or watch the game from a different vantage point that includes a bird’s-eye view into both teams’ bullpens.

The most significant upgrade in the outfield area, however, was the addition of a full-service bar in centre field – the ballpark’s version of Rogers Centre’s Flight Deck – where fans can enjoy the atmosphere while sitting at shaded bar-top tables, or along the



Construction workers walk past TD Ballpark, the Dunedin, Fla., home of the Toronto Blue Jays, on Feb. 16. The stadium now has room for about 8,000 fans after a large-scale renovation. STEVE NRESIUS/THE CANADIAN PRESS

JAYS RIGHT-HANDER SHOEMAKER LOOKS GOOD IN RETURN

DUNEDIN, FLA. Toronto right-hander Matt Shoemaker enjoyed a strong return from a long-term knee injury, leading the Blue Jays to a 4-0 preseason win over the Pittsburgh Pirates on Monday.

Shoemaker struck out five and gave up just one hit in a 2½-inning spring start.

The 33-year-old Shoemaker was 3-0 with a 1.57 earned-run average last year before suffering the injury in his first season with the Blue Jays.

Toronto catcher Danny Jansen opened the scoring Monday

with a two-run homer in the second.

Third baseman Brandon Drury added an RBI single and Forrest Wall scored the fourth run on a passed ball.

Right-hander Trent Thornton, battling for a spot in the Toronto rotation, didn’t give up a hit in three innings of relief.

Six Toronto pitchers allowed a total of three hits.

The Blue Jays (6-2-2) have an off day Tuesday before returning to action Wednesday against the Tampa Bay Rays in Port Charlotte, Fla. THE CANADIAN PRESS

drink ledges overlooking the field.

Nelson said the TD Stadium Flight Deck has already proved popular.

“I’ve actually had a lot of locals who have always supported the club one way or another come up to me on opening day to say: ‘Now I’m coming to games. This is my type of ballpark,’” Nelson said with a laugh.

“It’s been full there every

game and you can just see people hanging out, enjoying the sun and obviously enjoying the drink selection we have out there.”

Also new is “Eddie’s Bar,” an enclosed, air-conditioned area on the upper deck along the first-base line named for Eddie’s Bar & Grill, a popular sports bar and restaurant that first opened near the city’s waterfront in 1985. The Eddie’s Bar at TD Ballpark serves

drinks only, including many of the local beers offered by Dunedin-based breweries, and will also be open as a rentable event space.

“This will be the party room where we’ll watch the Blue Jays win the World Series one day,” Nelson said during a tour of the stadium last month. “That’s our goal.”

Capacity at the renovated stadium, which also plays host to Toronto’s single-A affiliate in the Gulf Coast League, increased from approximately 5,500 to 8,000 with the addition of 800 seats along the first-base line in left field and the standing-room section of the Orange Trail. Announced attendance for the Blue Jays’ spring training home opener last week was 6,335, the largest crowd ever recorded at the ballpark.

While fans now have more viewing options at TD Stadium, they’ll also hear the in-game experience better, too. Part of the overhaul included adding 105 speakers – up from the single one the stadium previously had. A video board, the first in Dunedin history, was also installed in centre field to replace the traditional scoreboard.

The concourse area was updated as well with new concession stands and a barbecue pavilion

BASEBALL’S FINAL OLYMPIC QUALIFYING EVENT POSTPONED

TAIPEI Baseball’s final qualifying event for the Tokyo Olympics has been postponed from April to June because of concerns over the virus outbreak that has infected nearly 89,000 people and caused more than 3,000 deaths, mostly in China.

The World Baseball Softball Confederation announced Monday the qualification event scheduled for Taichung and Dou Liu in Taiwan from April 1-5 had been postponed to June 17-21 because of “player, personnel and spectator health and safety measures against the spread of the coronavirus.”

Hundreds of new cases of the virus that causes the COVID-19 disease have been announced in recent days outside of China. There have been 40 cases and one death in Taiwan.

The Olympics are scheduled to open July 24, with baseball competition set to be played at Fukushima and Yokohama from July 29 to Aug. 8.

The second- and third-place teams from the Americas qualifying tournament in Arizona from March 22-26 will advance to the final qualifying tournament in Taiwan, joining a field that will include Australia, China, Netherlands and Taiwan.

Baseball was an Olympic event from 1992-08 and has been restored for the Tokyo Olympics. THE ASSOCIATED PRESS

complete with Muskoka chairs and yard games.

Nelson said small updates to the stadium will be continuing in an effort to bring in more Dunedin ties.

“We have local food here, we have local beer here, we have Eddie’s, we brought in the Orange Trail and we’ll continue to expand on that [Dunedin influence] every year,” Nelson said.

“I know we have fans that come in from Canada and they want to know about Dunedin. ... So we want to [incorporate] as much of the local as we can and also bring Toronto in. That was important for both sides.”

THE CANADIAN PRESS

Flames: Homestand sees Calgary face five opponents currently in playoff races

■ FROM B13

“Really good road trip,” Flames captain Mark Giordano said. “If we would have looked at this one at the start of the year and said we’ll go 3-1-1 with the quality of opponents, we would have taken that.”

Now the focus shifts to getting similar results at home.

Calgary owns the NHL’s fourth-best road record at 20-14-3 and was tied with Nashville for the seventh-best points percentage (.581) heading into Monday’s action.

But home cooking has provided a stark contrast, where the Flames have the league’s 29th-best record at 14-12-4 and are tied for 23rd in points percentage (.533).

Calgary averages 2.76 goals scored on the road compared with 3.10 at home. The biggest difference, however, is goals allowed – 2.78 to 3.40.

“We just have to bring our road game home,” said Flames net-minder Cam Talbot, who made 38 saves in Sunday’s shutout. “Keep it simple. Get pucks in, get pucks out, put pucks on net and jam away.”

Teams often say similar things after successful road trips. Actually doing it is the challenge.

Players’ lives are more hectic at home with family and other responsibilities. The road is simple – hotel, rink, plane, repeat.

“We can’t really overthink it,” said Lucic, Calgary’s bruising winger who picked up his seventh goal of the season against Florida. “Home or away, our game needs to remain the same ... it can be tough.”

The Flames open a homestand on Wednesday that will see them meet five opponents either currently in a playoff spot or just on the outside looking in – the Columbus Blue Jackets, Arizona Coyotes, Vegas Golden Knights, New York Islanders and Winnipeg Jets.

Calgary, which finished with



Calgary Flames left winger Andrew Mangiapane, centre, takes the puck down the ice during a game against the Florida Panthers in Sunrise, Fla., on Sunday. Calgary won the matchup to end a five-game road trip with a 3-1-1 record. WILFREDO LEE/THE ASSOCIATED PRESS

the second-best regular-season record in 2018-19 before getting stunned by the Colorado Avalanche in the first round of the playoffs last spring, currently sits third in the air-tight Pacific Division, a point back of the Edmonton Oilers for second and five adrift of Vegas for first entering Monday night’s play. The Vancouver Canucks, who have lost three straight in regulation, are one off Calgary’s pace in the West’s first wild-card spot.

Prior to Monday night, Edmonton and Vancouver had two crucial games in hand, while like Vegas, the Flames have 15 games left on their schedule. Arizona is three points back of Calgary – just 1-5-1 in its past seven at home – with the same number of contests remaining.

“You check [the standings] every once in a while throughout the day or after games and stuff like that – see who won, who lost,” said Flames winger Johnny Gaudreau, who opened the scoring against Florida. “But at the end of the day, if we just worry about ourselves, we’re gonna have no problem getting in.”

Teams look for anything to latch onto at this time of year with margins razor-thin. It could be a big hit, a blocked shot, a player battling through injury or something else that brings the locker room closer together.

Gaudreau was the catalyst on Sunday with a two-point game after learning his grandfather died Saturday.

“It sucks losing people,” the 26-year-old said as he fought back emotion. “I was pretty pumped up to get that one for him.”

Ward said difficult situations are often inspiring.

“It hurts,” the coach said. “He led us in a lot of ways.”

Calgary will now have to find a way to pull one another up at home with 11 of the team’s final 15 games set for confines that have been less than friendly.

“We’ve matured over the month of February,” Lucic said. “We’ve learned a lot and what it takes to win on a night-to-night basis.

“It’s a challenge, but that’s what the mindset has to be.”

THE CANADIAN PRESS

GMs not making changes to NHL’s emergency goaltending procedure

BOCA RATON, FLA.

NHL general managers seem unlikely to suggest changes to the emergency backup goaltender policy, even after 42-year-old Zamboni driver David Ayres became one of the biggest stories of the season by winning a game for Carolina last month.

The issue was among the discussion points Monday, the first of three days of GM meetings, but the apparent consensus was that emergency goaltenders are called upon so rarely that any reaction now would likely feel like an overreaction.

“It’s such a rare occurrence,” Vegas general manager Kelly McCrimmon said. “It’s only news because it recently happened.”

Ayres became a sensation last month when he was called on by the Hurricanes in a game at Toronto after injuries to Carolina goalies Petr Mrazek and James Reimer. Ayres stopped eight shots and became the first emergency goalie in NHL history credited with a victory.

Under NHL rules, when a team’s two goalies are hurt or otherwise incapacitated, the club “shall be entitled to dress and play any available goalkeeper who is eligible.” In Carolina’s case, that became Ayres, who often gets on the ice at Leafs practices when the team needs an extra goalie.

“We’re comfortable with the way that it is,” McCrimmon said.

Winnipeg GM Kevin Cheveldayoff also indicated he likes the rule as is.

“A lot of guys have played college or junior,” Cheveldayoff said. “Being in the market that we’re in, we have certainly an opportunity to have lots of players that fit that criteria. In some places, there are tryouts. ... Fortunately in Winnipeg, we have a lot of former college players and the like.”

Florida GM Dale Tallon has been through the emergency situation a couple of times in recent years – once with the team on the cusp of putting goaltender coach Robb Tallas into a game, another three years ago where a team account executive was summoned.

Neither got into the game. And while Tallon said he was nervous for Ayres on his big night, he also wasn’t inclined to call for change.

“The better team won that game. That’s the reality of that night,” Tallon said. “It happened to us three years ago. Three times it’s happened in 50 years. Do you change the whole thing? ... I think we did a good job of fixing it and it turned out for the better.”

THE ASSOCIATED PRESS

“It’s such a rare occurrence. It’s only news because it recently happened.

KELLY MCCRIMMON
VEGAS GOLDEN KNIGHTS
GENERAL MANAGER

Knicks hire long-time agent as new president

Beleaguered franchise looks to follow the path to success taken by Warriors, Lakers

BRIAN MAHONEY NEW YORK

Leon Rose has spent years as one of the NBA's most powerful agents. Now he will try to turn around one of its weakest franchises. The New York Knicks hired Rose as their president on Monday, hoping he can sign and draft the kind of dominant players he's been representing. Rose is taking over a team headed toward its seventh straight season out of the playoffs. But teams such as the Golden State Warriors and the Los Angeles Lakers have found success handing their basketball operations to an agent and the Knicks believe he can do the same. "Leon is one of the most respected executives in professional basketball, with decades of experience successfully working with NBA players and team management in all facets of the game," Madison Square Garden executive chairman James Dolan said in a statement. "We are confident he brings the right combination of expertise and relationships to ensure the long-term success of our franchise." Rose, the former co-head of



Dennis Smith Jr. of the New York Knicks dunks in a game against the Hornets in Charlotte on Feb. 26. The Knicks are 18-42 this season, their seventh successive losing campaign. STREETER LECKA/GETTY IMAGES

the basketball division at CAA Sports, replaces Steve Mills, who was fired early last month. Rose has represented such all-stars as LeBron James, Chris Paul and former Knicks forward Carmelo Anthony, along with current young stars Joel Embiid and Karl-Anthony Towns. Now he will oversee all staff

NBA SAYS PLAYERS SHOULD AVOID HIGH-FIVES WITH FANS

NBA players should fist-bump with fans instead of high-fiving them and avoid taking items to autograph, the league told teams in a memo listing short-term recommendations to limit the spread of the coronavirus, ESPN reported on Monday. An escalation of the virus, which has killed more than 3,000 people worldwide since it emerged in China in December, could potentially threaten pre-draft combines, on-site workouts and international scouting events if it worsens, according to ESPN. "The coronavirus remains a situation with the potential to change rapidly," the league told its 30 teams in the memo. NBA spokesman Mike Bass said last week league officials were in discussions with the CDC and kept a close eye on the situation. "The health and safety of our employees, teams, players and fans is paramount," Bass said. REUTERS

part of the Knicks revitalization and basketball at the Garden is a challenge and a rare opportunity, one to be cherished, and I will do my utmost to make the fans, the city and ownership proud." The Warriors won three championships and went to five straight NBA Finals under former agent Bob Myers, and the Lakers are leading the Western Conference while being run by Rob Pelinka, who was Kobe Bryant's agent. The Knicks are 18-42 and already assured a seventh straight losing season. They fired coach David Fizdale after just 22 games and then split with Mills just before the trade deadline. This season's troubles started long before that. The Knicks hoped their turnaround could begin in July, when they had enough salary-cap space to sign two top players. But they couldn't get any and settled for lesser choices, assembling a roster that never fit. The Knicks hope Rose can attract stars, many of whom say they love playing at MSG – but not for the home team. Not since Anthony, who sought and eventually got a trade to New York from Denver in 2011, has a marquee player picked the Knicks. He helped New York make the playoffs in his first three seasons, including a division title in 2013. But there have been no postseason appearances since. THE ASSOCIATED PRESS

UEFA SEEKS TO DAMPEN PANIC OVER CORONAVIRUS OUTBREAK WITH EURO 2020 JUST A FEW MONTHS AWAY

AMSTERDAM With a European Championship being staged across the continent in three months, UEFA is trying to dampen any panic about the impact of the fast-spreading virus even as uncertainty persists. Just a couple of minutes were spent in a meeting of European soccer's top executives on Monday discussing the impact of

COVID-19 on the 24-team tournament. "The UEFA president [Aleksander Ceferin] immediately set the tone that the panic around all this may be worse than the virus itself," Alexey Sorokin, a Russian member of the UEFA executive committee, said after a meeting in Amsterdam. Unlike the usual format of one or two hosts for the Euros,

games in this edition of the quadrennial event are taking place in 12 stadiums in 12 countries. The logistical problems already anticipated of moving thousands of fans around the continent are now potentially accompanied by health risks. The domestic league in Switzerland has been put on hold on government orders with games called off on Monday

through March 24. UEFA is aware of the potential risk as hundreds of staff, who are based at its headquarters in Nyon, often travel across Europe and are key to the operations of matches and tournaments. The Europa League has already been hit, with Inter Milan's home game against Bulgarian club Ludogorets last

week played without fans. UEFA will be keen to ensure there is no impact on the Euros, which is worth about US\$2-billion in revenue. The stadium that will be used most at Euro 2020 is Wembley, with seven games including the semi-finals and the final. No games in England have been affected yet by the virus. THE ASSOCIATED PRESS

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Canadian world championships survive coronavirus cancellations so far

DONNA SPENCER

Coming world championships in Canadian cities have so far avoided cancellation, but the new coronavirus is laying waste to other championships around the world and affecting Canadian athletes.

This month's world figure skating championship in Montreal, the women's curling championship in Prince George and the women's hockey championship in Halifax and Truro, N.S., are still a go for now.

The International Ice Hockey

Federation confirmed Monday the women's tournament March 31 to April 10 in Nova Scotia is proceeding while cancelling six lower-tiered world championships this spring.

Also Monday, the International Skating Union called off the world short-track speed skating championship scheduled for March 13-15 in Seoul. The world figure skating championship March 16-22 at Bell Centre is so far unscathed.

The ISU may still hold the short-track event in 2020, "but in any case not before mid-October, 2020." So Canadian speed skaters

and those around the world are in limbo as to whether they'll compete in a world championship this year.

Kerri Einarson's team will represent Canada and join a dozen other countries March 14-22 at the world curling championship in Prince George.

The IIHF has axed men's Division 2-4 under-18 tournaments in Estonia, Bulgaria, Turkey and Luxembourg, as well as Division 1 and 2 women's world championships in Poland and Spain.

THE CANADIAN PRESS

TEAM WILD CARD TOPS NORTHWEST TERRITORIES, BRITISH COLUMBIA TO REMAIN UNBEATEN AT BRIER

KINGSTON Team Wild Card's Mike McEwen led Pool A at 4-0 after defeating Jamie Koe of the Northwest Territories 6-2 in the morning and topping British Columbia's Steve Laycock 10-5 in the afternoon.

Nova Scotia's Jamie Murphy dumped Bryan Cochrane 11-2, but the Prince Edward Island skip rebounded with a 7-4 victory over Quebec.

Saskatchewan's Matt Dunstone delivered a highlight-reel runback triple takeout to score four in the 10th end for a 9-8 victory over Laycock. Dunstone made it a two-win day with a 6-2 victory over Koe.

Alberta's Brendan Bottcher, who leads Pool B at 3-0, was scheduled to play Manitoba's Jason Gunnlaugson in the evening at Leon's Centre.

The preliminary round continues through Wednesday night. The top four teams from each pool will advance to the championship round.

The four-team Page Playoffs begin Saturday and the final is set for Sunday. THE CANADIAN PRESS

NHL

EASTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
ATLANTIC DIVISION								
Boston	66	41	13	5	7	218	167	94
Tampa Bay	65	41	19	5	0	230	183	87
Toronto	66	35	23	4	4	233	218	78
METROPOLITAN DIVISION								
Washington	65	40	19	4	2	226	199	86
Philadelphia	65	38	20	2	5	220	190	83
Pittsburgh	64	37	21	6	0	204	178	80
WILD CARD								
NY Islanders	64	35	21	6	2	181	175	78
Columbus	67	32	21	10	4	175	179	78
Carolina	64	35	24	5	0	207	183	75
NY Rangers	65	35	26	2	2	217	203	74
Florida	66	33	26	3	4	224	224	73
Montreal	67	30	28	8	1	203	207	69
Buffalo	65	29	28	6	2	188	205	66
New Jersey	66	28	27	6	6	177	216	64
Ottawa	66	23	31	7	5	178	224	58
Detroit	67	15	47	3	2	135	255	35

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 OL or SL column.

Monday

Colorado at Detroit
Edmonton at Nashville

Sunday

Philadelphia 5 NY Rangers 3
Calgary 3 Florida 0
Columbus 5 Vancouver 3
Washington 4 Minnesota 3
New Jersey 3 Anaheim 0
Los Angeles 4 Vegas 1

Tuesday

All Times Eastern

Montreal at NY Islanders, 7 p.m.
St. Louis at NY Rangers, 7 p.m.
Ottawa at Pittsburgh, 7 p.m.
Boston at Tampa Bay, 7:30 p.m.
Nashville at Minnesota, 8 p.m.
Buffalo at Winnipeg, 8 p.m.
Anaheim at Chicago, 8:30 p.m.
Edmonton at Dallas, 8:30 p.m.
New Jersey at Vegas, 10 p.m.
Toronto at San Jose, 10:30 p.m.

OHL

EASTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
CENTRAL DIVISION								
x-Sudbury	60	32	26	1	1	240	230	66
x-Barrie	59	27	26	4	2	207	242	60
Mississauga	58	26	27	4	1	212	211	57
Niagara	60	18	36	5	1	190	295	42
North Bay	59	16	39	4	0	183	298	36
EAST DIVISION								
xy-Ottawa	59	47	11	0	1	273	163	95
x-Petrbrough	59	34	21	2	2	225	196	72
x-Oshawa	60	31	19	6	4	225	220	72
Hamilton	60	24	28	7	1	229	251	56
Kingston	59	19	36	2	2	195	271	42

WESTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
WEST DIVISION								
x-Saginaw	59	38	16	3	2	271	214	81
x-Flint	60	39	19	1	1	267	231	80
x-Windsor	59	34	19	6	0	249	223	74
S.S. Marie	61	26	31	3	1	237	250	56
Sarnia	60	21	33	5	1	239	294	48
MIDWEST DIVISION								
x-London	58	41	15	1	1	249	182	84
x-Kitchener	59	38	14	5	2	248	195	83
Guelph	59	31	20	3	5	206	191	70
Owen Sound	58	28	22	4	4	225	196	64
xie	60	24	25	4	7	218	227	59

x — clinched playoff berth; y — clinched division

Monday

No games scheduled

Sunday

North Bay 5 Niagara 2
London 6 Erie 3
Windsor 10 Kingston 2
Mississauga 4 Sudbury 3 (SO)
Peterborough 6 Barrie 1
Sarnia 4 Sault Ste. Marie 3
Ottawa 4 Oshawa 3 (OT)

Tuesday

All Times Eastern

London at Kitchener, 7 p.m.

SCORING LEADERS

Player	G	A	Pts
M. Rossi, OHT	36	74	110
C. Perrelli, Sag	36	67	103
P. Tomasino, Osh	39	59	98
A. Kaliyev, Ham	43	54	97
C. McMichael, Ldn	42	52	94
P. Gogolev, Gue	42	49	91
J. Garreffa, OHT	33	51	84

As of March 2

WESTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
CENTRAL DIVISION								
St. Louis	66	39	17	7	3	213	184	88
Colorado	64	39	18	6	1	221	172	85
Dallas	65	37	21	4	3	177	168	81
PACIFIC DIVISION								
Vegas	67	36	23	6	2	216	202	80
Edmonton	65	34	23	6	2	204	201	76
Calgary	67	34	26	6	1	201	206	75
WILD CARD								
Vancouver	65	34	25	3	3	214	204	74
Nashville	64	32	24	5	3	204	204	72
Winnipeg	67	33	28	4	2	201	198	72
Arizona	67	32	27	4	4	187	178	72
Minnesota	65	32	26	4	3	206	206	71
Chicago	65	29	28	4	4	195	207	66
San Jose	65	28	33	3	1	169	209	60
Anaheim	65	26	31	7	1	168	205	60
Los Angeles	66	25	35	3	3	164	206	56

SCORING LEADERS

Player	G	A	Pts
Leon Draisaitl, Edm	39	63	102
David Pastrnak, Bos	47	44	91
Artemi Panarin, NYR	32	58	90
Connor McDavid, Edm	31	58	89
Nathan MacKinnon, Col	33	52	85
Brad Marchand, Bos	27	56	83
Nikita Kucherov, TB	31	49	80
Patrick Kane, Chi	28	50	78
Auston Matthews, Tor	45	32	77
Jack Eichel, Buf	35	42	77
Jonathan Huberdeau, Fla	22	55	77
John Carlson, Wash	15	58	73
Mark Scheifele, Wpg	28	42	70

AHL

EASTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
NORTH DIVISION								
Belleville	59	37	17	4	1	221	181	79
Rochester	58	31	18	4	5	169	160	71
Utica	57	31	21	3	2	201	179	67
Syracuse	59	28	22	4	5	195	203	65
Binghamton	58	30	24	4	0	170	175	64
Laval	59	27	24	5	3	170	179	62
Toronto	56	27	24	3	2	192	194	59
Cleveland	58	24	28	4	2	153	177	54
ATLANTIC DIVISION								
Hershey	59	35	18	3	3	180	153	76
Providence	58	34	18	3	3	185	148	74
Hartford	58	31	16	6	5	168	161	73
Charlotte	57	32	21	4	0	194	164	68
Springfield	58	30	26	2	0	183	179	62
WB/Scranton	59	27	24	3	5	153	181	62
Lehigh Valley	58	24	26	2	6	150	167	56
Bridgeport	59	20	32	5	2	134	191	47

WESTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
PACIFIC DIVISION								
Tucson	54	33	18	1	2	186	155	69
Colorado	52	31	17	3	1	174	155	66
Stockton	52	29	16	4	3	184	157	65
Ontario	55	29	20	5	1	165	191	64
San Diego	53	28	18	5	2	176	154	63
Bakersfield	54	20	26	5	3	156	196	48
San Jose	51	18	27	4	2	162	182	42
CENTRAL DIVISION								
Milwaukee	59	38	13	5	3	198	134	84
Iowa	59	36	16	4	3	186	156	79
San Antonio	57	24	21	7	5	156	169	60
Chicago	58	26	25	5	2	148	166	59
Grand Rapids	59	26	26	3	4	166	185	59
Rochford	60	28	29	1	2	150	181	59
Texas	56	24	26	2	4	155	177	54
Manitoba	59	26	32	1	0	154	184	53

Monday

San Jose 2 Iowa 1 (OT)
Toronto at Texas

Sunday

Manitoba 4 Chicago 3 (OT)
Providence 3 Hartford 2
San Antonio 3 Rockford 0
Charlotte 6 Hershey 3
Binghamton 1 Bridgeport 0
Colorado 3 Milwaukee 1
Tucson 3 Bakersfield 2

Tuesday

All Times Eastern

Grand Rapids at San Antonio, 8 p.m.

SCORING LEADERS

Player	G	A	Pts
R. Boucher, UTI	31	32	63
S. Anas, IA	18	45	63
J. Norris, BEL	30	28	58
A. Barre-Boulet, SYR	26	29	55
A. Formenton, BEL	26	26	52
B. Burke, TUC	21	31	52
D. Batherson, BEL	15	36	51
N. Goldobin, UTI	19	30	49

Not including last night's games

WHL

WESTERN CONFERENCE

	GP	W	L	OL	SL	GF	GA	Pts
B.C. DIVISION								
x-Kamloops	58	37	17	3	1	247	156	78
x-Vancouver	59	32	22	3	2	180	153	69
x-Victoria	61	31	23	5	2	168	179	69
Kelowna	60	27	27	3	3	168	201	60
Prince George	59	17	34	4	4	133	198	42
U.S. DIVISION								
x-Everett	60	44	12	3	1	217	135	92
x-Portland	60	42	11	3	4	250	157	91
x-Spokane	60	37	18	4	1	238	173	79
Seattle	60	23	30	4	3	168	229	53
Tri-City	59	17	36	4	2	153	271	40

EASTERN CONFERENCE

WESTERN CONFERENCE								
	GP	W	L	OL	SL	GF	GA	Pts
EAST DIVISION								
x-Prince Albert	60	34	17	5	4	196	149	77
x-Brandon	61	34	21	4	2	222	167	74
x-Winnipeg	59	34	24	1	0	211	203	69
Saskatoon	59	31	23	2	3	195	188	67
Regina	59	20	33	4	2	169	241	46
Moose Jaw	58	14	40	4	0	140	267	32
CENTRAL DIVISION								



Dustin Johnson hits from the second tee during the final round of the Genesis Invitational in Pacific Palisades, Calif., on Feb. 16. Johnson is currently at No. 5 in the world rankings. GARY A. VASQUEZ/USA TODAY SPORTS

Johnson decides against playing in the Olympics

Golfer’s manager says FedEx Cup playoffs hold as much importance as chasing a gold medal

DOUG FERGUSON

On the fence about the Olympics at the start of the year, Dustin Johnson decided he won’t be going. Johnson’s manager said in a text message Monday that the FedEx Cup playoffs hold as much importance to Johnson as chasing a gold medal in Tokyo this summer. “I feel certain he would choose otherwise if the timing were different, but feels he is making the best decision under the circumstances,” said David Winkle of Hambric Sports Management. Johnson’s name was removed from the Olympic golf ranking Monday afternoon. At No. 5 in the world ranking, he currently would have been No. 3 among

Americans behind Brooks Koepka and Justin Thomas. Countries are allowed a maximum of four players in golf provided they are among the top 15 in the world ranking. Golfweek first reported Johnson’s decision. Johnson was the leading American for the 2016 Olympics in Rio de Janeiro when he decided at the last minute to withdraw because of concerns over the Zika virus. This was more about the FedEx Cup and the lucrative prize Johnson has yet to win. Asked about the Olympics at the beginning of the year, Johnson said he wasn’t sure how his schedule would be in the summer with the Tokyo Games coming after the final major and before the FedEx Cup playoffs. “Having had a few close calls in the playoffs, he really wants to win them before his time is done and feels that he wouldn’t be giving himself the best opportunity to do so if he added a lengthy international trip,” Winkle said.

Johnson plans to play five out of seven weeks through the British Open. He then would have a week off before heading to Japan for the Olympics. Now, he is contemplating the 3M Open in Minnesota after returning from the British, and then two weeks off before the FedEx Cup playoffs. Johnson nearly won the FedEx Cup in 2016 until he lost the 54-hole lead and lost the FedEx Cup when Rory McIlroy won the Tour Championship. He has spent 91 weeks at No. 1 in the world, third only behind Tiger Woods and McIlroy among active players. With just more than three months before Olympic qualifying ends, the leading four Americans are Koepka, Thomas, Patrick Cantlay and Webb Simpson, followed by Patrick Reed and Woods. There are still three majors, The Players Championship and a World Golf Championship – all offering big ranking points – before qualifying ends on June 21 after the U.S. Open.

THE ASSOCIATED PRESS

Rowing: Team has no plans to hire new coach until beginning of next Olympic quadrennial

■ FROM B13

Thompson had been hired on Dec. 17, 2016, after a disappointing showing at the Rio Olympics when Canada’s rowers only earned one medal, a silver in the women’s lightweight double sculls. Thompson earned a coaching excellence award in 2019 from the Coaching Association of Canada for helping Hillary Janssens and Cailleigh Filmer to a bronze at that year’s world championships. Dillon said he is confident in the team’s current leadership

group and will only hire an additional coach if it’s deemed necessary for the preparation of the coming Olympics. Rowing Canada has no plans to hire a new women’s head coach until the start of the next Olympic quadrennial. “This is definitely one of the most talented groups of women that Canada has probably ever had,” Dillon said. “We’re looking at how we move forward with that group and give them the best possible chance of success. We’re also looking to see whether we can qualify an additional women’s boat and three addi-

tional men’s boats. “We’re feeling very positive about where we’re at and our prospects for Tokyo.” Canada will participate in three World Cup regattas before the Olympics – Sabaudia, Italy, beginning on April 10, then Varese, Italy, starting on May 1 and a last-chance Olympic qualifier in Lucerne, Switzerland, that will begin on May 22. The Canadians have also planned a pre-Olympic camp at Sagami-hara, Japan, before the Tokyo Games begin in earnest.

THE CANADIAN PRESS

Arsenal overcomes Portsmouth to reach FA Cup quarter-finals

PORTSMOUTH, ENGLAND

Arsenal cruised into the FA Cup quarter-finals with a 2-0 win at Portsmouth thanks to goals by defender Sokratis Papastathopoulos and striker Eddie Nketiah either side of halftime on Monday. Third-tier Pompey had not beaten Arsenal since a 5-4 league victory in 1958, but they caused the Gunners plenty of problems before the deadlock was broken just before the break. Reiss Nelson’s cross was met with a sweetly timed volley inside the area from Greece international Sokratis, who put the Gunners ahead in first-half stoppage time. The goal seemed to give Arsenal an injection of confidence and Nketiah made it 2-0 six minutes after the break, controlling a cross at pace before bundling the ball home from close range. Portsmouth, roared on by their passionate fans, defended well, but lacked spark in attack as Arsenal, the FA Cup’s most successful side with 13 titles, held on for a comfortable win. “Tonight I’m so pleased with the team, with everybody, with the young boys. They are improving a lot, every single week, they have a great mentality,” Arsenal defender David Luiz, who wore the captain’s armband, told BT Sport. Nketiah revealed that manager Mikel Arteta had urged his players to increase the tempo and intensity in the second period in order to put the result beyond doubt. “In the second half we played a lot quicker and obviously that’s when the gaps appeared and we were able to play our best football. We came out quite intense in the second half and obviously the early goal helped,” the 20-year-old said.

REUTERS

VISA ISSUES RESOLVED, STANLEY REJOINS WOLFPACK IN ENGLAND

TORONTO New Zealand international Chase Stanley is back with the Toronto Wolfpack after missing the first five games of the season because of visa issues. The Australian-born back, who had been back home waiting for his paperwork to go through, rejoined the Wolfpack after arriving in England on Monday. The transatlantic rugby league team has lost all five of its matches to date in the top-tier Super League. Toronto started its debut season in Super League with a thin 23-man roster because of salary-cap issues. Coupled with a string of injuries, Stanley’s absence was one more thing the team had to deal with. The 30-year-old Stanley scored 13 tries in 17 appearances for the Wolfpack in 2019, his second season with the club. He previously played in Australia’s NRL for St. George Illawarra, Melbourne Storm and Canterbury Bulldogs. Toronto plays at Leeds Rhinos (3-1-0) on Thursday. THE CANADIAN PRESS

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DEATHS



GEERTRUIDA DE VRIES (Trudy)

Geertruida (Trudy) de Vries (née Kroon) died peacefully on February 28, 2020. She was 93. Trudy was predeceased by her husband of sixty years, Peter, who died six months earlier in September 2019. She is survived by her three children: Caroline (Bela), John (Cassandra), and Justin (Nicola); her six grandchildren, (Henriette, Quincy, Hayley, Nikolas, Jacquelyn and Jessica); as well as her brother, Ben; and her sister, Wilhelmina (Willy). Trudy arrived on the shores of the New World in 1953 full of vigour and with a fierce determination. She was sponsored over by St. Michael’s Hospital as a nurse after she had trained and worked in the Netherlands and England. She became a RN in Ontario and head nurse at St. Mike’s maternity ward; she also worked at Riverdale Isolation Hospital with polio patients. Trudy left nursing to raise her children and become a homemaker. She was very much the power behind her husband’s success. Trudy was active in her community and made many friends. She volunteered at her church, where she joined the Flora McCrea Group, and eventually became president of the United Church Women. She was a founding member of the Milne House Flower Club. Trudy promoted women’s rights and empowerment long before it became fashionable and held many progressive views. Trudy brought with her to the New World her European sensibilities and traditions, which she added to the Canadian mosaic. She took up tennis and badminton and was an avid bridge player. Trudy also introduced her young family to skiing even though she came from a country with barely a hill. She taught her children the pleasure of reading and the importance of education and spirituality. Her home was always gezellig (cozy), which is a word that neatly encapsulates the Dutch approach to living (enjoyable and cozy, but never overdone). Trudy was practical, no nonsense, and spoke her mind (sometimes too freely) and was most often described as an independent and strong woman. Trudy embraced her new home and relished being a Canadian. She loved the open spaces, nature, and sense that all things were possible. She fell in love with Georgian Bay in the summer and took great pleasure sitting on the front deck at the cottage or at the beach. Trudy was able to stay in her home until the last few days of her life. Her caregivers, Annabel, Val and Leilani were patient and kind and made her life comfortable to the end. The family thanks them very much for all they did. The family also thanks Sunnybrook Hospital and staff. Trudy’s funeral, followed by a reception, will be held at Timothy Eaton Memorial Church on Thursday, March 5, 2020 at 11 a.m. Private burial. In lieu of flowers, please make a donation to Covenant House or the Toronto Botanical Gardens at Edwards Gardens.

DEATHS



VASIL WILLIAM EVANOV (Bill)

Evanov Communications Inc. is deeply saddened to announce that Vasil William (Bill) Evanov, the company’s founder and President, passed away peacefully in his sleep on February 28, 2020. Preceded in death by his father, Vlado Evanoff; mother, Nada Elieff; and beloved brother, Roy James Pizsel; he is survived by his two children, Paul Evanov and Kristina Evanov; his partner, Mudite Reinholds; his brothers, Ron Evanoff, Ivan Evanoff and Robert Pizsel; beloved Uncle and Aunt James and Lesley Elieff; cousins, Todd, Derek and Tamara; nephews and niece, Matthew, Michael, Jeffrey, Sean, Ryan, Kurt and Sara; and, many more friends and relatives. Bill Evanov was a loving, caring and devoted father to his two children. He loved being with his family and bringing people together and will be deeply and affectionately missed and remembered. Bill cared and cherished his large radio family and group of lifelong friends. All were devoted to him and held him in high respect for his leadership and passion. Born in 1942, in Toronto, Bill was the son of Bulgarian immigrant parents. From incredibly humble beginnings, to his tenure with CHIN Radio working with the legendary Johnny Lombardi, Bill learned radio from the ground up. In 1984, he began his own radio ownership career. Thirty-six years later, the company is a model success story that operates 19 Stations across the country. Evanov Communications is one of the very few independent broadcasters that has persevered and prospered among multi-media, multi-platform competitors. It employs several hundred persons who will miss Bill’s sense of humour, dedication to his craft and example of discipline and passion for radio. His children Paul and Kristina, will continue to grow the company in his tradition. Bill’s accomplishments were numerous and impactful. He created several unique radio formats including Energy 108 and Z103.5, the company’s flagship station which broadcasts from its headquarters in Etobicoke. Among the company’s other current formats are: multilingual ethnic radio stations that broadcast in over 40 languages; The Jewel, which offers light adult contemporary music over eight stations across the country; Toronto-based PROUD FM, the world’s first LGBTQ radio station; a Christian station; a French-language station; and country music stations. Bill won many prestigious awards throughout his career, a testament to the respect he received from his peers and the industry as a whole. This includes his induction into the Canadian Music and Broadcasting Industry Hall of Fame in 2011. Bill’s life will be celebrated in a service at Sts. Cyril and Methody Macedonian-Bulgarian Eastern Orthodox Church, 237 Sackville St, Toronto on Monday March 9, 2020 at 11:00 a.m. In lieu of flowers, donations may be made to the church. Visitation is at Mount Pleasant Cemetery Cremation & Funeral Centres: 375 Mount Pleasant Road, Toronto, Thursday, March 5th from 5:00 p.m. to 9:00 p.m. and Friday March 6th, from 4:00 p.m. to 8:00 p.m. Media inquiries: Maureen Bulley, The Office of the President, at mbulley@evanovradio.com or 416 213 1035.



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DEATHS



SCOTT ROBERT GALBRAITH

With heavy hearts, the family of Scott Galbraith announces his passing, which occurred on February 25, 2020 at St. Michael's Hospital, Toronto. Scott was born in Saint John on September 17, 1963; a son of the late Everett and Lillian (Troyer) Galbraith. Scott was an executive with Genworth Financial until his retirement in 2018, and had a great love of travelling, and had a real eye for home renovations and decorating. Celebrating his life are his sister, Linda Kelly-Hurst (Bruce) of Rothesay, Bruce's daughter Julia Hurst (Joel), niece Jen Kelly-Barnett (Matt) of Paradise, NL, great-nephew Jacob, Aunt Pat Hubert of Ontario, along with several cousins, and many friends both in Saint John, and Toronto. Scott will also be missed by his beloved Lewis family, as well as Joanna Cheng and Janette Cheng-Richard. Along with his parents, Scott was predeceased by his nephew, David "DK" Kelly.

Scott's family invites you to join them for a celebration of his life, which will be held at the Mount Pleasant Funeral Centre, 375 Mount Pleasant Road, Toronto (416-485-5572) on Wednesday, March 4th; visitation will be held from 3-4 p.m., with a memorial service at 4 p.m., followed by a reception. A memorial service will be held in Saint John on Friday, March 6th at 4 p.m., at Fundy Funeral Home, 230 Westmorland Road, Saint John (506-646-2424). For those who wish, remembrances to David "DK" Kelly Memorial Bursary Fund

(<https://www.canadahelps.org/en/charities/the-greater-saint-john-community-foundation/campaign/DK>) would be appreciated by the family.

GITTA GANZ (Holocaust Survivor)

Sadly on Thursday, February 27, 2020 Gitta Ganz passed away in North York General Hospital surrounded by the love of his family. She will be greatly missed by her children, Howard and Mindy; his daughter-in-law, Fay; son-in-law, Jerry; and grandchildren, Sonny, Emma, Ofer Jesse, Rachel; and great-grandchildren Milo and Dezzy.

A funeral was held on Sunday, March 1st, 2020 at Beth David B'Nai Israel Beth Am 55 Yeomans Road, Toronto at 11:00 a.m. Interment at Dawes Rd Cemetery, Beth David section. Memorial donations may be made to Beit Halochem Canada 905-695-0611 or Ganz Family Endowment at Beth David Synagogue.

DAVID MENDELSON

On Sunday, March 1, 2020 at Christie Gardens. Beloved husband of the late Jenny. Loving father and father-in-law of Lee and Roberto, Noa, and Jonathan and Ai. Dear brother and brother-in-law of Steve and Ami. Devoted Saba of Simon, Gabriel, Kate, Maayan, Heala, Tal, May, and Jonah. At Benjamin's Park Memorial Chapel, 2401 Steeles Avenue West, Toronto (3 lights west of Dufferin) for service on Tuesday, March 3, 2020 at 2:00 p.m. Interment in the Congregation Darchai Noam section of Pardes Shalom Cemetery. Please see www.benjamins.ca for shiva details. Memorial donations may be made to New Israel Fund Of Canada 1-855-781-4322 or Parkinson Canada 416-227-9700.



National News

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DEATHS



JIM HAYHURST SR.

Jim (Hurst/Dippy), son of Jean and Palmer Hayhurst, passed away February 29, 2020 at his farm near Collingwood, Ontario, surrounded by his children Cindy (Cid), Jim Jr. (Jimmy) and Barb (Boo), and his loyal dog, Scout. He spent his final days telling stories and sharing advice with his seven grandchildren (Ben, Statten, Quinn, Cameron, Tatum, Griffen, and PJ); supported by his kids-in-law Scott Hanson, Beth Hayhurst and Paddy Flynn; and remembering old times with his brothers George and Doug, plus countless friends who visited, called and wrote.

Jim never had a bucket list because "My life has been the most incredible series of people and adventures. Even I wouldn't have come up with that list."

In 1969, Jim caused an international incident by photographing Russians drinking Alberta Vodka in Red Square for an ad campaign. He devised infamous strategies at PC leadership races, including John Crosbie's ill-fated blimp. He was part of the tiny but mighty Arctic Trading Company when they beat LL Bean and Neiman Marcus for "Global Catalogue of the Year." He invested in first-time entrepreneurs, often women, including the Kettle Creek Canvas Company and Smith & Jamieson Tea.

Through the 1970s and '80s, Jim and his team built Hayhurst Advertising into one of the top agencies in Canada, acquiring options to buy firms in 28 countries before selling to Saatchi & Saatchi in 1985.

Too young to retire, he committed himself to making a difference. He was the Chairman of Outward Bound Canada. He created the Hayhurst Career Centre, helping hundreds of people articulate their goals and achieve professional success. His "Wagon Master" metaphor captured his character better than any other title.

In 1988, he and Jimmy were members of the Canadian Everest Expedition, an experience that became a speech and best-selling book, The Right Mountain. Four years later, they co-founded Trails Youth Initiatives (Trails), an award-winning outdoor-based program that sees nearly 100% of its at-risk youth graduates complete post-secondary education. Trails was his last great love and he wanted everyone to know about it. He gave the best hugs - and always to those who needed them most - whether they were an inner-city kid wanting to give up or a Bay Street CEO wanting to give back. He did both in his final days.

Jim gave everyone nicknames and was adored by all who knew him. He was Canada Post's favourite stop, every executive assistant's favourite phone call and a trusted confidante to his kids' friends - and friends' kids.

Perhaps Boo put it best when she said, "He's not glass half-full. He's glass always-filling."

He loved sharing his special places. The Funny Farm (where he and Swebbs welcomed many a "broken wing"), ski chalets (chaperoning kids' parties with scotch and a novel), Naples, Caledon Mountain Trout Club, Toronto Golf, Olde Florida, and his beloved cottage on Smoke Lake, Algonquin Park where an evening of fishing always included Doritos, drinks in peanut butter jars, funny hats - and hopefully a "Wall Fish" caught on a fly rod.

His friends were eclectic - the CEO of a Fortune 500 company, a cowboy, an ex-con - but they all passed Jim's litmus test: "Be interesting and interested". They were loyal but they challenged him. They didn't shy away from saying "I love you."

Above all else - business, philanthropy, friendships, adventures - Jim was most proud of his children and grandchildren. He took Cid ("Cindy Lou Who") to PC leadership conventions; shared a passion for horses and writing; and was a fixture in his fur coat and hat at Bennamin, Rooney and Whiff's ski races. He taught Jimmy ("Dimmy") about public speaking; explored the Arctic together on March Breaks; and cheered Stat Man, Quinnamon and Taters at their rugby and basketball games. He took Boo ("Lambchop") fly-fishing in the UK; never left her side as she battled flesh-eating disease; and loved watching Wilbur play hockey (and remind his grandfather to remove his hat when entering the Osler Brook clubhouse).

Thanks to Drs. John Clifford and Chantal Perrot, Dying With Dignity and Canada's evolving M.A.I.D. legislation, Jim left on his own terms. In life he taught us how to live. In death he taught us how to die.

If you are so inclined, please remember Trails Youth Initiatives with a donation to their Vision Fund, or with a bequest in your will, as he did.

A celebration of life will take place in early May in Collingwood. Friends may visit Jim's Book of Memories at www.fawcettfuneralhomes.com



Hon. DAVID PAUL SMITH
P.C., Q.C.

Born May 16, 1941 in Toronto and passed February 26, 2020 in Toronto.

David was the second son of the Rev. Campbell Bannerman and Beulah Argue. He is survived by his wife of almost fifty years, the Hon. Heather Forster Smith, former Chief Justice of the Ontario Superior Court; their children Alex Smith (Samantha Marks), Kate Smith (Leif Malling), and Laura O'Connor (Dennis O'Connor); five granddaughters (Cosette, Hannah, Grace, Annabelle and Eloise); and his brothers George (Barbara) and Bob (Brenda). He was predeceased by his dear sister, Cay Lindblad, and is mourned by generations of extended family, including the Smith, Lindblad, Forster and Klapman families, and countless friends from across Canada.

David grew up in Toronto, Victoria B.C., and Peterborough, where he graduated high school. He studied political science at Carleton University and law at Queen's University, from which he graduated in 1970.

David's professional life was divided between a legal career, which he thoroughly enjoyed, and politics, which he loved. A passionate Canadian and Torontonian, David served as President of the Young Liberals under Prime Minister Pearson and executive assistant to the Right Hon. John Turner in the 1960s; as a Toronto Alderman and Deputy Mayor in the 1970s; as an MP and Cabinet Minister under Prime Minister Pierre Elliott Trudeau in the 1980s; as a leader of successful Liberal Party campaigns under Prime Minister Jean Chretien in the 1990s and in 2000; and as a Senator representing Cobourg, Ontario, from 2002 until his retirement from Parliament in 2016. In more than half a century in politics, David mentored scores of politicians and activists in federal, provincial and municipal politics. He respected everyone who shared his sincere commitment to public life, regardless of party affiliation or ideology.

A specialist in municipal law, David helped forge the skyline of Toronto. Following years in private practice with many wonderful colleagues at various firms, David served as Chair of FMC Law, now Dentons Canada LLP, until his appointment to the Senate in 2002, then continued as Chair Emeritus of Dentons Canada LLP until his retirement from the practice of law in 2017.

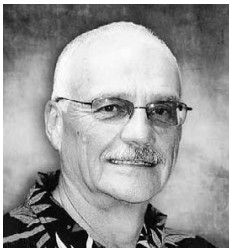
David's community service beyond politics included service on the boards of Toronto General Hospital, Mount Sinai Hospital, George Brown College, Royal St. George's College, Exhibition Place, Massey Hall, Roy Thomson Hall, and the Salvation Army, which honoured him as a Life Member of its Advisory Board.

A person of faith, David was active in many church communities, including the Pentecostal Church (particularly Lakeshore Pentecostal Camp near Cobourg, which he visited throughout his life), Yorkminster Park Baptist Church and the Church of the Redeemer in Toronto.

David was a kind, generous and loving man. He will be profoundly missed. In lieu of flowers, donations can be made to the Salvation Army. A private family funeral was held on February 29th. A celebration of his life will be held at Yorkminster Park Baptist Church at 1585 Yonge Street in Toronto on March 27th at 2 p.m. Condolences may be forwarded through www.humphreymiles.com.

Humphrey Funeral Home
A.W. Miles Newbigging Chapel
416-487-4523

DEATHS



JAMES DOUGLAS THOMS

Jim passed away, with his family at his side, due to Leukemia on February 29, 2020 in Stratford, Ontario.

Born May 21, 1943 in North Bay, Ontario to Edith and Lorne Thoms. Jim grew up in Sudbury with younger siblings Jennifer and John.

Jim met Sharon McCandless, the love of his life at a YMCA dance and treasure hunt in 1961. Jim and Sharon became high school sweethearts, married September 11, 1965, and continued to be deeply loving partners throughout the next 55 years.

Jim entered University of Toronto in 1962 where he graduated with a B.A. in Geography. After a brief stint as a teacher he took a position with the provincial government as a planner before moving on to the City of Sault Ste. Marie. He moved to Ottawa in 1974 where he became the Director of Planning for the City of Ottawa. In 1982 his career took him to Hamilton Wentworth where Jim and Sharon raised their kids. While Commissioner of Planning & Development he completed a Masters in Public Policy at Queen's University. Jim finished his career as Ancaster's CAO.

Throughout his career Jim was consistently known for his intellect, leadership, and integrity.

For the past 17 years, Stratford has been home for Jim and Sharon as he flourished in the community's atmosphere of live theatre, friendships, volunteerism, golf, gardening, travel, and time with family.

Jim leaves Sharon and children Michael, Ryan (Megan), and Jessica (Stuart), and grandchildren Poppy, Oscar, Finn, Rupert, and Georgia. His principles of thoughtfulness, curiosity, compassion for others, and an endless capacity to support and love his family, will continue to inspire his children and grandchildren throughout their lives. His joy of knowledge, especially through reading, lead to many a conversation with him saying "I've got a book on that".

In university Jim attended his first blood donor clinic. He regularly donated blood for over forty years saying he saw this a simple way to give to his community. He never gave with any expectation of receiving in return. Over the past 9 months, frequent blood transfusions were essential. His family deeply appreciates the community of blood donors and the dedication of medical staff who provided consistently excellent care. Respecting Jim's wishes, no funeral will be held. His family request people consider giving blood, or making a financial donation to the Canadian Blood Services in his memory.

IN MEMORIAM

In Loving Memory



DON MCFARLANE
March 3, 2019

The road is long
There are mountains in our way
But we climb a step every day
Love lift us up where we belong
Where the eagles cry
On a mountain high
Love lift us up where we belong
Far from the world below
Up where the clear winds blow

We love and miss you
Marie Donald Victoria Geoffrey

In Loving Memory



JOEL DAVID SCHWARTZ
April 29, 1983
March 3, 2009

Having, loving, and losing
Joel continues to make us
who we are.

Larry, Julie and Jonathan

FUNERAL SERVICES



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BERNSTEIN, Mary - 12:30 Beth Tzedec
Memorial Park.

TUESDAY

RICHARDSON, Edward - 12:00 Pardes Shalom
Cemetery.
MENDELSON, David - 2:00 Chapel.

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LASH, Shimon - Call for information.

SHIVA

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JACK WELCH

BUSINESS MANAGER, 84

GENERAL ELECTRIC CEO BECAME BUSINESS SUPERSTAR

He oversaw managerial innovations and globalization efforts at the company, but also slashed its work force, as he turned it into one of the biggest and most respected corporations in the world

STEVE LOHR

Jack Welch, who led General Electric through two decades of extraordinary corporate prosperity and became the most influential business manager of his generation, died Sunday in New York. He was 84.

The cause was renal failure, his wife, Suzy Welch, said. No other details were provided.

Combative and blunt, Mr. Welch became the chief executive of General Electric in 1981, a few months after Ronald Reagan took office as president. It was a time of outsize gains for many of the United States' big, multinational corporations and their leaders, who were helped by lower taxes and pro-business policies.

GE led the pack. The company's revenue jumped nearly fivefold, to US\$130-billion, during Mr. Welch's tenure, while the value of its shares on the stock market soared from US\$14-billion to more than US\$410-billion.

It was a time when successful, lavishly paid corporate executives were more admired than resented. Mr. Welch received a record severance payment of US\$47-million when he retired in 2001. Fortune magazine named him the "Manager of the Century," and in 2000, the Financial Times named GE "the World's Most Respected Company" for the third straight year.

Mr. Welch's stardom extended beyond the business world. In a 2000 auction for the rights to his autobiography, Time Warner's book unit won with a bid of US\$7.1-million, a record at the time. *Jack: Straight from the Gut*, written with John A. Byrne, was published the next year and eventually sold more than 10 million copies worldwide.

The Welch years at GE combined strategic insights with managerial innovations. Mr. Welch early on recognized the rise of Asia, then led by Japan, as a manufacturing powerhouse, and he shed GE businesses that he deemed vulnerable, moving into new ones.

He attacked bureaucracy and made sweeping payroll cuts, creating a more entrepreneurial, if more Darwinian, corporate culture. He led the globalization of GE's business, both expanding sales and manufacturing overseas. And he made GE far more dependent on finance, as banking and investment grew as a share of the U.S. economy.

Mr. Welch was also attacked when he was leading GE, especially for slashing the GE workforce, which earned him the nickname "Neutron Jack." But most of the second thoughts about him and his management legacy have arisen in recent years. The superstar CEO, laser-focused on enriching shareholders, is often criticized today as a symbol of corporate greed and economic inequity.

The widely diversified corporation that Mr. Welch built is also out of favour, an idea underlined by GE's precipitous decline in the past few years.

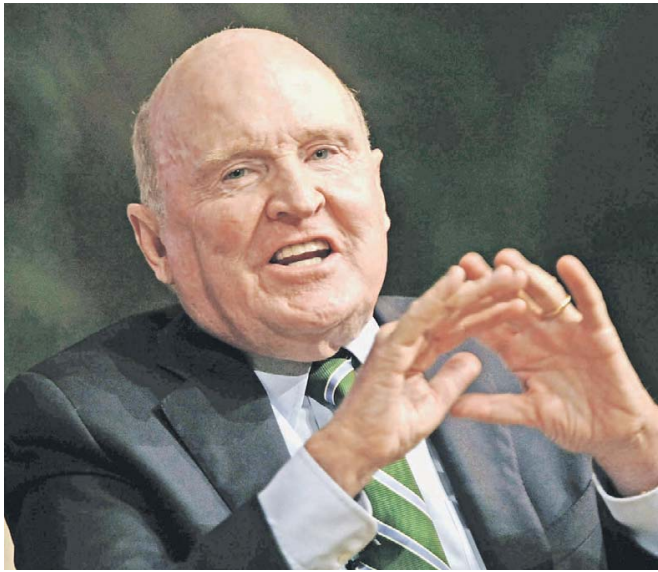
New York Times business columnist James B. Stewart wrote in 2017, "Hardly anyone considers Mr. Welch a management role model anymore, and the conglomerate model he championed at G.E. — that with strict discipline, you could successfully manage any business as long as your market share was first or second — has been thoroughly discredited, at least in the United States."

The financial crisis of 2008 delivered a blow to GE's fortunes. In the years before the crisis, the company had built sprawling lending operations that helped drive its growth. But the finance businesses became a crippling liability when, during the crisis, credit markets froze and borrowers struggled to pay back their loans.

GE, like many large banks, tapped emergency government loans to help it get through the upheaval. In the years after the crisis, GE sold off most of its lending businesses, but other problems emerged, some of which were in its large power unit.

GE's stock price now trades roughly 80 per cent below the high it hit in 2000.

During Mr. Welch's two-decade run leading GE, such problems seemed inconceivable. When he became CEO and chairman, he was already a 20-year veteran of the company. But he was an in-



Jack Welch speaks during the Global Business Forum on the University of Miami campus in January, 2009. JOE RAEDLE/GETTY IMAGES NORTH AMERICA

sider who behaved like an outsider. "We needed a revolution," Mr. Welch recalled in his autobiography.

The transformation of GE under him came in stages. In the early 1980s, he got out of manufacturing businesses in which efficient Asian producers were driving down profits and gaining market share making televisions and small household appliances such as irons, toasters and hair dryers.

Jettisoning those businesses was part of Mr. Welch's design to cope with the threat by Japan Inc. and its manufacturing prowess. Later steps included a massive expansion of GE's finance arm and the acquisition of RCA, mainly for its NBC television network.

He did inherit a strong company, with US\$1.5-billion in profits and US\$25-billion in sales, making it the ninth most profitable company in the Fortune 500 and the 10th largest. His predecessor, Reginald H. Jones, was a revered corporate manager and an industrial statesman.

"Face reality" was one of Mr. Welch's favourite management mottos. And he saw global competition as a reality that had to be faced immediately. Shifting GE out of some businesses and into others was part of his plan. But so was a change in the company's work force and culture to make GE a leaner organization that could move and make decisions faster.

In pursuing that goal, Mr. Welch made deep payroll cuts long before the term "downsizing" became commonplace. He also instituted a kind of internal competition among GE workers, which applied mainly to GE managers. It became known as "rank and yank."

Top performers got bonuses and stock options, while the bottom 10 per cent were fired. It was a system of annual winnowing intended to produce outstanding managers.

The moniker "Neutron Jack" appeared in Newsweek magazine in 1982 and soon picked up everywhere. Mr. Welch said he hated the label. But he always insisted the pruning was necessary, if painful. And by acting before trouble surfaced, he said, GE could afford to give the people it let go advance notice and comparatively generous severance pay.

Those early payroll cuts, critics say, was a byproduct of Mr. Welch's emphasis on delivering a rising share price and higher profits. He was considered, as the Financial Times wrote, "the father of the 'shareholder value' movement."

In fact, it was a term Mr. Welch rarely used, but its origin as a guide to management practice is generally traced to a speech he gave in 1981, laying out his plans for shedding slow-growth businesses and cutting costs.

Years later, in 2009, after the financial crisis hit, he repudiated the concept in an interview with the Financial Times, calling it "a dumb idea" and adding that shareholder value was a result of actions taken rather than a strategy in and of itself.

But GE's consistently rising returns and how Mr. Welch achieved them made him a standard-bearer of the shareholder value ethos, said Robert B. Reich, the former labour secretary in the Clinton administration and now a professor of public policy at the University of California, Berkeley. And that ethos, said Mr. Reich, led to the "shredding of the old, tacit contract between corporations and their workers," in which employees shared in the company's prosperity in good times and were laid off only in bad times.

Throughout the Welch years, GE remained the country's largest manufacturer, producing everything from jet engines to power generators to medical-imaging equipment. Mr. Welch invested in those operations and personally championed projects to improve their efficiency and performance, such as Six Sigma, a statistical quality-control system for greatly reducing product defects.

The biggest shift in the company's corporate profile was the expansion of the company's finance arm, GE Capital. When Mr. Welch took over, it was a small side business, mainly to help customers finance the purchase of GE heavy equipment. In 2000, his last full year as CEO, the finance unit generated profits of US\$5.2-billion, more than 40 per cent of the company total, and had US\$370-billion in assets, spanning insurance, private equity, home mortgages, reinsurance and credit cards in Britain and Japan.

Well after Mr. Welch retired, the financial crisis would put GE, the country's largest non-bank financial institution, in peril. But during his tenure, the finance business was a money spinner.

John Francis Welch Jr. was born Nov. 19, 1935, in Peabody, Mass. When he was 9, the family bought its first house in nearby Salem. Jack, an only child, grew up in a working-class Roman Catholic family. His father, John — "Big Jack," in the household — was a railroad conductor; his mother, Grace, was a homemaker.

Neither of his parents had graduated from high school, but Jack Welch earned a bachelor's degree from the University of Massachusetts, Amherst, and went on to obtain a PhD in chemical engineering from the University of Illinois, Urbana-Champaign. He was a good student, but, he acknowledged, he did not have the temperament to be a bench scientist.

Mr. Welch chose industry instead, joining GE in 1960 as an engineer in its plastics division in Pittsfield, Mass., with a starting salary of \$10,500. After a year, he was frustrated labouring on the lower rungs of the corporate ladder, displeased with the standard \$1,000 raise he was offered. He decided to leave. But a young executive persuaded him to stay, and Mr. Welch began rising through the ranks.

Mr. Welch's ascent to CEO in 1981 was hardly a sure thing. At 45, he was the youngest CEO in the company's history.

Mr. Welch was married three times. He met Caroline B. Osburn at the University of Illinois. They were married in 1959, had four children — Katherine, John, Anne and Mark — and were divorced in 1987.

Mr. Welch met Jane Beasley, a lawyer, on a blind date. They married in 1989 and divorced in 2003, after a court case that disclosed the perks GE had agreed to provide Mr. Welch in his retirement.

Mr. Welch married Suzy Wetlaufer, a former editor of The Harvard Business Review, in 2004. They had met in 2001 while she was interviewing him for the magazine. She resigned from the magazine in early 2002, after she admitted to having an affair with Mr. Welch while preparing an article about him and while Mr. Welch was still married to Ms. Beasley.

Complete information on survivors, besides Mr. Welch, was not available, but GE said he also had four stepchildren and 10 grandchildren.

NEW YORK TIMES NEWS SERVICE

JAMES LIPTON

INTERVIEWER, 93

Inside the Actors Studio host dug into the craft and lives of his A-list guests

ANDREW DALTON LOS ANGELES

James Lipton, an actor-turned-academic who became an unlikely celebrity and got hundreds of master actors and Hollywood luminaries to open up about their craft as the long-time host of *Inside the Actors Studio*, died Monday.

Mr. Lipton died of bladder cancer at his New York home, his wife, Kedakai Lipton, told The New York Times and The Hollywood Reporter. He was 93.

The Detroit-born Mr. Lipton began the Bravo show in 1994. It also served as a class for his students at the Actors Studio, where he was then dean.

He often said his only requirement for a guest was whether they had something to teach his students. His first guest, Paul Newman, set a standard of stardom for those who would follow, including Meryl Streep, Robert De Niro, Glenn Close, Steven Spielberg and Barbra Streisand.

Mr. Lipton was known, and often parodied, for his highbrow and sometimes worshipful tone with his subjects, and for his intensive preparation, represented by a stack of blue note cards that held his meticulously researched questions. When Will Ferrell played Mr. Lipton on *Saturday Night Live* the stack of cards was nearly a foot thick.

Many otherwise media-shy actors were willing to appear on *Inside the Actors Studio* because Mr. Lipton focused on their art and not the usual celebrity chatter or project promotion.

"People do not come on to sell a movie and you never hear the words, 'I'm opening in Vegas in two weeks,'" Mr. Lipton told the Associated Press in 1996, when the show was in its second season. "That's what most talk shows depend upon, and that's fine, but with us we're getting together to dig as deep as we can."

He was not afraid to get personal, and often stunned those he interviewed with things he had learned about their childhood or private life.

"How did you know that?" was a frequent refrain from his guests.

Sally Field asked him, "Have you been reading my diary? Talking to my shrink?"

Julia Roberts asked if he had talked to her mother.

"Obviously we deal in lots of anecdotes, and even some gossip and secrets," Mr. Lipton told AP, "but they're tied together by a concern for and devotion to craft."

Despite a guest list of nearly every A-list actor of recent decades, Mr. Lipton never got the guest he wanted most, Marlon Brando.

"He was reclusive in the last years of his life," Mr. Lipton told Parade in 2013. "He said, 'I'm never going to do your show. The studio's always taking credit for me. I was trained by Stella Adler.' I said, 'So was I. Come on. We'll talk about Stella.' I've had a pretty good roster of guests without Marlon."

Mr. Lipton said his favourite guest on the show was Bradley Cooper, because he was a former student.

"The night that one of my students has achieved so much that he or she comes back and sits down in that chair would be the night that I have waited for since we started this thing," Mr. Lipton told Larry King in 2016. "It turned out to be Bradley Cooper."

Mr. Lipton and Mr. Cooper, who can be seen asking Sean Penn a question in a 1999 episode of the show, both teared up when he returned as a guest in 2011.

Other than Mr. Brando and Jack Nicholson — another favourite of his whom he never had as a guest — Mr. Lipton spent little time trying to land big names, who often came to him as appearing on the show became a sought-after sign of career achievement for actors.

Mr. Lipton told AP that that response made him think that "maybe, just maybe, we were creating an archive that would be more valuable 100 years from now."

ASSOCIATED PRESS



James Lipton PHIL MCCARTEN/REUTERS

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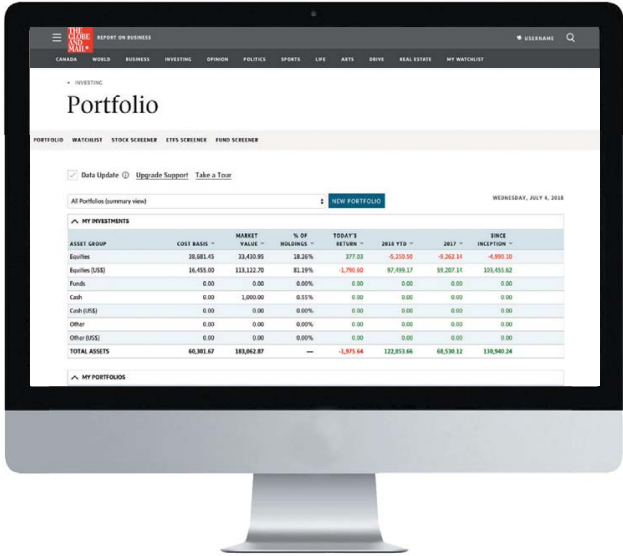
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