



Royal United Services Institute of Nova Scotia Dispatches

5 April 2019

Dispatches is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Note that links of articles are checked at the time they are put into *Dispatches*, but may be unavailable at a later date or in some states other than Canada.

Everyone is encouraged to submit links and other content to the Institute's Chief Information Officer (CIO) at RUSINovaScotia@gmail.com to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. Feedback is welcome anytime.

Any comment in *Dispatches* is the sole opinion of the author and does not necessarily represent the views of the Canadian Department of National Defence, the Canadian Armed Forces, the Royal Canadian Mounted Police or the Royal United Services Institute of Nova Scotia

RUSI(NS) also publishes a weekly Defence & Security Newsletter, aimed at opinion leaders and industry. If you are interested in receiving the newsletter, email admin@duncom.ca.

Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. RUSI(NS) events are by invitation only. If you are interested in attending and have not been invited, email RUSINovaScotia@gmail.com. RUSI(NS) events may be cancelled at short notice – email RUSI(NS) if there is a question of an event occurring.

5 April, Friday - Distinguished Speaker TBA. Colonel Marc LaFortune, Commander Canadian Combat Support Brigade, speaking on the brigade. 130-1330. Royal Artillery Park Officers' Mess. **Note that this is an impromptu/short notice event taking advantage of the colonel's visit from NDHQ.**

10 April, Wednesday – UNB Gregg Centre for the Study of War and Society lecture by LCol James Knutsson, Deputy Commander/Chief of Staff, Task Force-Mali (Rotation 0), about "Canada's Contribution to the UN's Mission in Mali – Six Months Later." 7-10 pm. Provincial Archives, 23 Dineen Drive, Fredericton, New Brunswick. See poster at end of Dispatches and <https://www.facebook.com/events/2203244226421604/>

17 April, Wednesday - Distinguished Speaker Corporal David Lane, RCMP, on human trafficking. 1130-1300. RCMP 'H' Division Headquarters. **This will be a registration-required event.** Note that this is a lunch event rather than our usual evening event with the RCMP. Email RUSINovaScotia@gmail.com if you wish to attend.

4 May, Saturday - Maritime Museum of the Atlantic speaker Roger Litwiller "White Ensign Flying: The Battle of the Atlantic and the loss of HMCS *Trentonian*." 2 pm. Maritime Museum of the Atlantic. See: <https://maritimemuseum.novascotia.ca/event/white-ensign-flying-battle-atlantic-and-loss-hmcs-trentonian-roger-litwiller>

8 May, Wednesday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess. **Note that this is the second Wednesday of the month, not our normal third Wednesday.**

24 June, Monday - momomdays Halifax and Society of Atlantic Heroes show "Increasing Latent Stress Capacity to Generate Post-Traumatic Growth." 0800-1500. ScotiaBank Stage, 1593 Argyle Street, Halifax. RUSI(NS) members JM Blais and Ken Hoffer are closely involved in this worthy effort. See four page poster at end of *Dispatches*.




Publications:

RUSI(NS) Paper "F-35 Strengths and Vulnerabilities," by Ken Hansen, 26 March 2019
<https://rusi-ns.ca/f-35-strengths-and-vulnerabilities/>

The Military Institute of Windsor Communiqué Volume XXXVII Number 4 April 2019 is available on request to RUSINovaScotia@gmail.com.

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 04 April 2019 is available on request to RUSINovaScotia@gmail.com.

Tweeted by @RUSI_NS: Original article title in parentheses. RUSI(NS) tweets may be viewed by clicking on the icon at <https://RUSI-NS.ca>. To have something tweeted or retweeted, email the CIO by noon Thursday.

<p>".@CRTCeng & @RCMP_Nat_Div Execute Warrants in Malware Investigation" https://www.canada.ca/en/radio-television-telecommunications/news/2019/03/crtc-and-rcmp-national-division-execute-warrants-in-malware-investigation.html Hmm, are we are going to see more news releases like this as part of Government of Canada🇨🇦 effort to demonstrate concern/action in cyberspace?</p>	
<p>Maybe National Shipbuilding Strategy #NSS studies indicated CAN🇨🇦 needs only 2 medium shipyards steady-state to support #RCNavy & #CCG https://ipolitics.ca/2019/03/29/two-federal-ministers-offer-lifeline-for-quebecs-chantier-davie-shipyard/ But add building large ferries, in-service support, maybe needs 3 yards (now & future?) (Two federal ministers offer lifeline for Quebec’s Chantier Davie shipyard)</p>	
<p>With @CanadianForces to redeploy from Mali #MLI, might CAN🇨🇦 look at another peace operation in Africa? To what extent are such commitments part of Cdn foreign policy for engagement that continent? Might naval deployments suffice? https://www.ctvnews.ca/canada/canada-won-t-extend-peacekeeping-mission-in-mali-freeland-1.4357992 #OpPRESENCE-MALI (Canada won't extend peacekeeping mission in Mali)</p>	

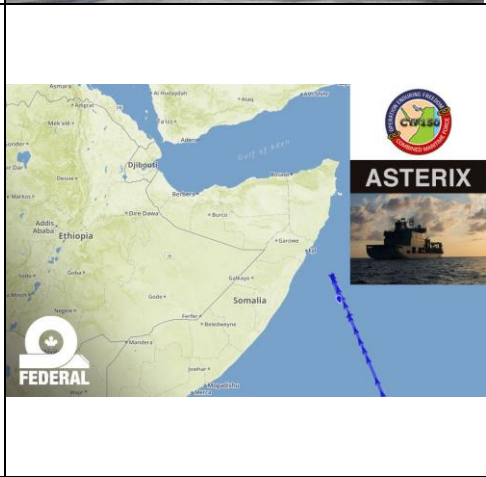
Replenishment oiler #MVAsterix allows #RCNavy to deploy globally, even off East Africa, in support of CAN national objectives <https://www.canada.ca/en/department-national-defence/news/2019/04/canada-increases-contribution-to-multinational-counter-terrorism-naval-task-force.html> To be balanced navy & capable of multiple extended missions @RCN_MRC should have more support ships #OpARTEMIS (Canada increases contribution to multinational counter-terrorism naval task force)



Canadian Forces @CanadianForces 2 Apr tweeted and RUSI(NS) retweeted: Our family is growing! The @RCAF_ARC recently welcomed two new CH-148 Cyclone helicopters – the 16th and 17th helicopters delivered under the Maritime Helicopter Project. All 28 are expected to be delivered by December 2021. pic.twitter.com/I4ftbyUa75



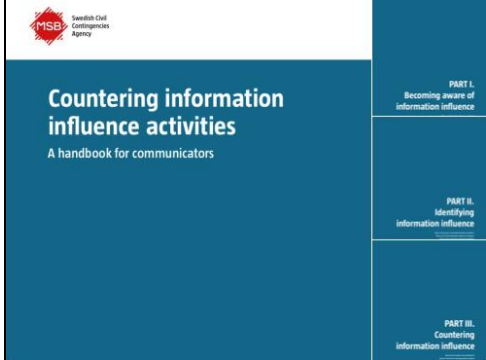
Federal Fleet @federalfleet 3 Apr tweeted: Asterix is presently tasked to CTF150, a 33-nation maritime security task force, supporting counter-terrorist and anti-piracy operations off the coast of Somalia.
 Davie Shipbuilding @chantierdavie 3 Apr retweeted: Since Asterix was delivered last year, she has operated in some of the world's most contentious maritime hotspots including Somalia, the South China Sea and the Korean peninsula. And she has performed flawlessly.
 RUSI(N) retweeted: #RCNavy #logistics #replenishmentOilers #MVAsterix #OpARTEMIS #ExcellenceAtSea #BlueWaterNavy #NationalShipbuildingStrategy #NSS @NationalDefence @CanadianForces @CFOperations @RCN_MRC



.@CBCNews article 2 Apr 19 "New real-time tracking system locates planes anywhere in the world" <https://www.cbc.ca/news/thenational/aireon-space-based-global-tracking-1.5080893>
 RUSI(NS) paper 4 Mar 19 "New Air Surveillance System" <https://rusi-ns.ca/new-air-surveillance-system/>
 Nice to be on the leading edge of news...



STRATCOMCOE @STRATCOMCOE 2 Apr tweeted and RUSI(NS) retweeted: The Swedish Civil Contingencies Agency has released an updated english version of its excellent Handbook for Communicators for Countering Information Influence Activities. <https://www.msb.se/RibData/Filer/pdf/28698.pdf>



Commander RCN as part of the naval history team. Hmm, considering the topic, "Why Navies," certainly!

VAdm/Vam Ron Lloyd @Comd_RC� 30 Mar tweeted: #DYK that Canada's proud Naval history is just a click away? Visit the @CanWarMuseum online exhibition to explore the history your #RCNavy from its origins with creation of the Naval Service of Canada in 1910 to today.

<https://www.warmuseum.ca/cwm/exhibitions/navy/introduction-e.aspx.html>



The Royal Canadian Legion @RoyalCdnLegion 4 Apr tweeted: Do you know a Second World War veteran interested in participating in #DDay75 and #Juno75 commemorations in Canada or in France? Find more information here:

<https://www.junobeach.org/calling-all-d-day-veterans-75th-anniversary-of-d-day/>

(Calling All D-Day Veterans – 75th Anniversary of D-Day)



Posted on Facebook Royal United Services Institute NS with comments:

Latest Canadian Victim of Huawei Affair is Toronto Film Maker Maja Zdanowski

<https://www.msn.com/en-ca/news/canada/latest-canadian-victim-of-huawei-affair-is-toronto-filmmaker-maja-zdanowski/ar-BBVp7VS>

by Peter Howell, Toronto Star, 30 March 2019



Ordinarily, RUSI(NS) would not comment on a story of this nature, but the article shows the ongoing pettiness of the Chinese Communist Party (CCP) in regard to what is known of the Huawei affair with the arrest of Meng Wanzhou on 6 December 2018. The story tells that the director of a Canadian film, Maja Zdanowski, was first awarded essentially an all-expense paid opportunity to showcase her film in China. Two days later the award was rescinded. There is little doubt that this was not the wish of the film festival organizers but rather yet another petty political act by the CCP.

China has increased pressure on Canada in many ways including attacking the concept of the "rule of

law” that is one of the key foundations of liberal democracies. The concept is that everyone is considered equal under the law and that no one is above it and that the judicial system is relatively free from political interference. Something jeopardised by the SNC Lavalin affair and government pressure reported by the Attorney-General. Even the appearance of politization of a legal matter has given the CCP ammunition to demand Ms Meng's release.

Given the issues, such as this piece of Chinese pettiness, its ban on canola, its attack on the rule of law, and unprecedented undiplomatic attacks by the Chinese ambassador calling Canada white supremacists, there has virtually been no Canadian reaction. Even a very cursory view of the Chinese Three Wars Concept will show that Canada is under attack and that a more forceful approach must be taken. There are many avenues open to Canada. Start by discouraging investment of any sort in China, stopping certain cultural events, closing Confucius Centres, setting tariffs on Chinese goods or outright banning their import, cutting visas, removing the Ambassador and leaving China to use their charge d'affaires as they have done to us. More importantly, cut the ability of the CCP to interfere whatsoever in Canada, such as by using CETA and CPTPP to gain new markets to avoid an unfortunate exposure to CCP threats.

The bottom line is this: the CCP cannot be trusted now or in the future. Canada is seeing just a small sample of their aggressive approach in the world. Keep in mind that new figures show that nearly two million people are in CCP concentration camps and that aggressive acts of cultural genocide are occurring in Tibet and East Turkistan (Xinjiang Province). The litany of CCP aggression is horrendous and getting worse. Unfortunately, Maja Zdanowski is yet another victim of the CCP's actions.

CrisisWatch: Tracking Conflict Worldwide

https://www.crisisgroup.org/crisiswatch?utm_source=Sign+Up+to+Crisis+Group%27s+Email+Updates



This is the International Crisis Group monthly publication CrisisWatch. It provides an overview of global conflict for the preceding month. VR Howard

April 2019 ALERTS

Conflict Risk Alerts - Mali, Algeria, Comoros, Yemen

Resolution Opportunities - None

March 2019 TRENDS

Deteriorated Situations - Burkina Faso, Chad, Comoros, Mali, Sudan, Uganda, Rwanda, Myanmar, New Zealand, Algeria, North Caucasus, Venezuela, Israel-Palestine, Yemen

Improved Situations - Nagorno-Karabakh (Azerbaijan)

March saw ethnic violence in central **Mali** rise in scale and frequency, risking escalation in April, and jihadist attacks intensified in Mali, **Burkina Faso** and **Chad**. Fighting flared in **Yemen**'s north and south as de-escalation in Hodeida stalled, jeopardising peace efforts. Retaliatory strikes

between **Israel** and Hamas pushed both sides closer to war. In **Myanmar**, an ethnic Rakhine armed group ramped up attacks on security forces, and in **New Zealand**, a far-right extremist killed 50 Muslim worshippers in a terror attack. In **Algeria**, millions took to the streets as a risky transition got underway. Protests erupted in **Comoros** following disputed presidential elections; surged in the **North Caucasus's** Ingushetia; and continued in **Sudan** despite hardened repression. Tensions between **Uganda** and **Rwanda** rose over Uganda's alleged harassment of Rwandans, and **Venezuela's** people faced nationwide blackouts amid heightened political polarisation. In a positive development in negotiations over **Nagorno-Karabakh**, a much anticipated summit saw Armenia and Azerbaijan commit to strengthen the ceasefire, improve communications and implement humanitarian projects.

New real-time tracking system locates planes anywhere in the world (Apr 02, 2019)

<https://www.cbc.ca/news/thenational/aireon-space-based-global-tracking-1.5080893>



New Air Surveillance System <https://rusi-ns.ca/new-air-surveillance-system/>
Posted 4th March 2019 on RUSI(NS) web site.

Funding Defence for the Age of Accelerations

https://www.cgai.ca/funding_defence_for_the_age_of_accelerations?utm_campaign=fetterly_accerleratedefence&utm_medium=email&utm_source=cdfai



SUMMARY

At a time when even large, high-tech Silicon Valley corporations that operate as market disruptors are challenged to keep up with the pace of change, national Western governments need to ensure that defence funding is responsive to persistent, dramatic and non-linear shifts in the international strategic environment.

In Canada, defence is simultaneously experiencing both a supply push and a demand pull. The Canadian government signalled in the 2017 Defence Policy that it was willing to increase defence funding in the fiscal framework, yet sustaining funding increases will be a challenge. At the same time, rapidly developing technology in a number of sectors is driving advances in weapon system capabilities. Technology in defence needs to be treated differently from the customary procurement process in the federal government, due to the extraordinary level of technology in leading-edge weapon systems. Currently, by the time the government issues Requests for Proposals, the technology can already be obsolete. In addition, changing military doctrines and capabilities in response to shifts in the international security environment are increasing the need for responsive defence funding. The one commonality in this environment is the increasing speed of change, which is why this age has been called an “age of accelerations”. The focus of this paper will be on the international security environment and the way in which it affects how the federal government needs to fund defence in the coming years.

While maintaining a focus on Canada, this paper will begin by describing the international strategic environment under which Western governments and defence planners are operating, and then examine

how defence establishments are managing uncertainty. The paper concludes by describing approaches that the Canadian government can take to manage defence funding levels in an age of accelerations.

Meet the woman hoping to succeed Japanese Prime Minister Shinzo Abe

<https://www.cnbc.com/2019/04/02/meet-the-woman-hoping-to-succeed-japanese-prime-minister-shinzo-abe.html>



This article is more than a little interesting as it also provides an insight into the outlook of Japan towards China. Tomomi Inada is a confidante of the current Japanese Prime Minister M and her outlook is very similar towards the issues facing Japan. Japan has had increasing issues with China especially in regard to the islands known as the Senkakus to the Japanese, but China actively and routinely violates Japanese efforts to force the Chinese view that these islands belong to China.

Abe's term is over in 2021 as President of the Liberal Democratic Party and Ms Inada is making a strong effort to become the first female leader of the party and Japan's first PM. Her views on China are realistic. Japan understands very well that the Chinese Communist Party will do anything to upset the situation. Their success would mean a return to a darker period in world history, one where the strong destroy or dominate the weak.

Canada also needs a government that does not have "stars in their eyes" or rather dollar signs but takes a very clear and determined view in regard to China. Recent 'attacks' by China on our economy and our system of rule of law make it clear that they do not respect us. As the tenth largest economy, we can take a hit especially when we do so with the support of friends and allies.

Canada pulls back welcome mat for China

<https://www.asiatimes.com/2019/03/opinion/canada-pulls-back-welcome-mat-for-china/>



The author of this article is Vancouver based Ng Weng Hoong. He relies upon an excellent interview with Wang Gungwu, an 88-year-old Chinese scholar at the Singapore-based Institute of Southeast Asian Studies. To quote part of the article: "Wang predicted Canada would have a frontline role in the escalating Sino-US struggle for geopolitical and economic supremacy. And, it is proving to be so in the wake of the Huawei-triggered political crisis."

This article is in many ways a wake-up call against more hardline views, especially with regard to our own large Chinese population, estimated to be about 1.8 million people. These people are not politically a monolith. Many are second, third and fourth generation Canadians; as well there is a large first-generation cadre. Most have left China to have a better life than that of over-crowded cities and the edicts of the Chinese Communist Party (CCP). Many do view China in a favourable light and consider the US the villain in the most recent series of events such as the US trade talks and the arrest of Meng Wanzhou at the behest of the US through an extradition treaty.

The article's concerns laid out about the Chinese diaspora and the increasing lack of trust by Canadians in our overall relations is remarkable and worthy of consideration by all Canadians. Can we be our better selves given the current situation with China? Can we maintain relations with our friends and adversaries in a way that is consistent with Canadian values and not debase ourselves by way of a “reptilian” response to the current situation? Canada should always use a measured approach when dealing with China, or for that matter the US at the moment. Canada should not however be a ‘doormat’ either. Contrary to the article, we are the tenth largest economic entity in the world. We have vast resources and access to three of the largest trading blocks in the world through the new NAFTA, CPTPP and CETA. We have alternatives if China takes a much harder line. At the moment, it seems a good place to start by becoming less dependent on China’s current regime and subject to the whims of the CCP.

Chinese Dissidents Feel Heat of Beijing’s Wrath. Even in Canada.

<https://www.nytimes.com/2019/04/01/world/canada/china-dissident-harassment-sheng-xue.html>

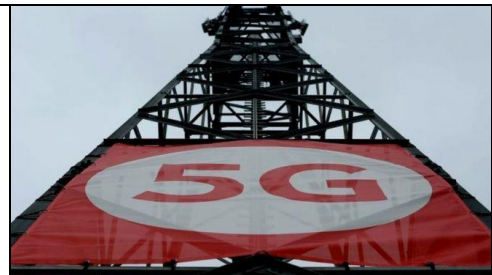


Sheng Xue is a Tiananmen Square uprising survivor and advocate for Chinese democracy living in Canada. The report outlines she has been the victim of a six-year attack by blog, Listserv, e-book and social media that experts believe “bears the markings of a coordinated attack by the Chinese Communist Party.”

An Amnesty International report alerted the authorities to the harassment of Chinese-Canadian activists, the scale of which appeared “consistent with a coordinated, Chinese state-sponsored campaign.” Andy Ellis, the former assistant director of operations for the Canadian Security Intelligence Service argued “I think the Chinese government is trying to sully her reputation to advance their own interests.”

‘Long-term security risks’ from Huawei

<https://www.bbc.com/news/technology-47732139>



Huawei has, up to now, apparently received a less restrictive approach in the UK but that may be changing: "The Chinese company Huawei has been strongly criticised in a report by the body overseeing the security of its products in UK telecoms."

"The report, issued by the National Cyber Security Centre, which is part of GCHQ, says it can provide ‘only limited assurance that the long-term security risks can be managed in the Huawei equipment currently deployed in the UK’."

“The report reflects what are said to be deep frustrations at the failure of the company to address

previously identified problems.”

There was a concern over "sloppiness in its work" and many differing standards being in play.

Australia banned Huawei over risks to key infrastructure

<https://www.ft.com/content/543621ce-504f-11e9-b401-8d9ef1626294> (Requires a Financial Times account)

Jamie Smyth, Financial Times, 27 March 2019

Australia has expanded on the reasons why it rejected Huawei.

“Mike Burgess, director-general of the Australian Signals Directorate, which oversees cyber warfare and security, said on Wednesday that the need to ensure the safety of critical infrastructure — rather than protecting privacy — was the key concern for security agencies when they recommended banning the Chinese telecoms group.

'High-risk vendors for us are characterised as vendors that have headquarters in countries where those countries have capability, form, intent and coercive laws that compel their companies to co-operate on matters of national intelligence,' said Mr Burgess, following a speech at the Lowy Institute, a Sydney-based think-tank.”

He also felt that the five eyes security relationship will not be seriously affected if its members pursued different responses to the Huawei problem: “Even differences in how we manage this particular risk will not actually fracture or damage our relationship at all, at least from my perspective.”

He also outlined how the Australian Signals Directorate used offensive cyber to shut out ISIS access to the internet, locked it out of its servers, and destroyed its propaganda.

Installing Chinese 5G Gear is Dangerous and Probably Inevitable: NATO Center Report

https://www.defenseone.com/technology/2019/04/installing-chinese-5g-gear-dangerous-and-probably-inevitable-nato-report/156007/?oref=defenseone_today_nl



A new report by NATO’s Cooperative Cyber Defence Centre of Excellence argues there are considerable risks to importing 5G technology from Chinese companies like Huawei, but blanket bans are not likely. Even the US is reportedly “inching closer to accepting the inevitability of Chinese companies making parts for America’s future mobile networks” and that “We are going to have to figure out a way in a 5G world that we’re able to manage the risks in a diverse network that includes technology that we can’t trust” according to a senior US intelligence official.

U.S. officials planning for a future in which Huawei has a major share of 5G global networks

https://www.washingtonpost.com/world/national-security/us-officials-planning-for-a-future-in-which-huawei-has-a-major-share-of-5g-global-networks/2019/04/01/2bb60446-523c-11e9-a3f7-78b7525a8d5f_story.html

Souad Mekhennet, Washington Post, 1 April 2019

This report backs up the prior one and gives a good tour of US and European responses to the 5G challenge.

The senior US official quoted above stated “You have to presume a dirty network,” as states around the world stick with their Huawei equipment for, perhaps, economic reasons in spite of consistent US security warnings. In such an environment the US will use “encryption, segmented network components and stronger standards to protect key systems.” It was reported that “The major U.S. telecom providers began several years ago designing into their 5G network features aimed at keeping domestic systems safe from spying and cyberattacks by adversaries and criminals.”

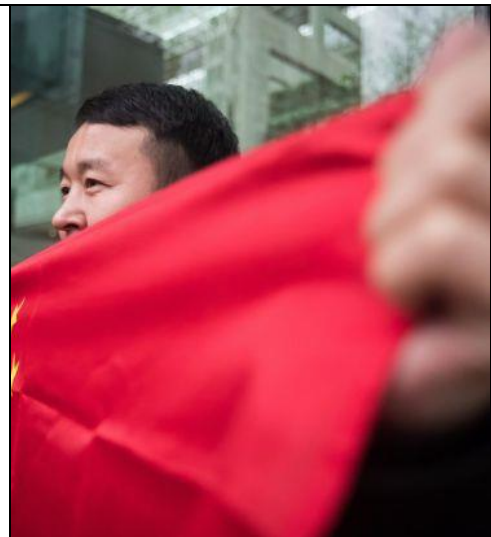
“U.S. officials, frustrated by persistent demands that they reveal a 'smoking gun' to back up their warnings that Huawei represents a security risk, have pushed the argument that Chinese laws compel firms such as Huawei to cooperate with intelligence agencies, without the judicial and legal safeguards that exist in the United States.” Some U.S. officials also believe that the greater threat is not espionage, “but disruption of critical systems in a crisis.” (This mirrors the Australian approach). Apparently, telecom firms such as AT&T and Verizon have engineered features such as gateways through which all untrusted international traffic must pass to be scrubbed for malware or other forms of attack.

Reportedly German security officials have also urged their ministers to block Huawei from the 5G networks. “But there, as in other European countries, appeals to heed the security risks are competing with Huawei’s aggressive price-slashing that especially targets firms under economic duress.” However, a German MP, said “he believes officials in Berlin are taking the potential threat seriously. ‘We are aware of the challenge and we are handling that challenge well,’ he said. German authorities have set a high barrier for participation in construction of the 5G network, insisting on strict security protocols that would be difficult for Huawei to meet. The German security official said he believed Huawei equipment would not be in any systems that underpin military or critical infrastructure such as water and electricity.

Canada’s response is not at all clear at this time.

Concerns raised about Chinese interference in Canada's fall election

<https://vancouversun.com/news/local-news/daphne-bramham-concerns-raised-about-chinese-interference-in-canadas-fall-election>



Concerns raised about Chinese interference in Canada's fall election, Chinese-Canadians and others fear increase in Chinese government's influence and the spread of fake news.

This report focuses on the potential of the Chinese government to interfere in Canada's fall federal election. It cites research by China expert Jonathan Manthorpe and media watchdog Reporters Sans Frontieres in arguing that the Chinese government has made “substantial investments in international TV broadcasting, foreign media outlets, advertising, and junkets for foreign journalists and politicians. It has embedded the Confucius Institute in schools and universities.” Manthorpe argues “that Canada has

become “a battleground on which the Chinese Communist Party seeks to terrorize, humiliate and neuter its opponents.”

A Reporters Sans Frontieres reports social media is “the new battleground where disinformation is spread by an army of paid and unpaid trolls on the government-linked messaging service WeChat and on micro-blogging sites.” There is a broader concern China might be able to affect the outcome of Canada’s fall election using a campaign of “disinformation and by silencing critics.”

Chinese-Canadians are specifically targeted and are “being torn between the country they have chosen and the country where they were born. They talked about fearing reprisals against family they have left behind or the businesses they are running, if they are critical of the Chinese government.”

FBI, Retooling Once Again, Sets Sights on Expanding Cyber Threats

<https://www.wsj.com/articles/fbi-retooling-once-again-sets-sights-on-expanding-cyber-threats-11553877546>

(to read full article requires a Wall Street Journal account)



This report shows how seriously the US is taking the cyber threat. The FBI, formed in 1908 to counter crime and specifically organized crime, was transformed in 2001 to counter terrorism. Now the FBI will transform itself again to counter cyber crime and specifically that generated by nation states. President Trump’s fiscal year 2020 budget proposes \$732 million for cybersecurity for the FBI. FBI Director Christopher Wray has said the agency has economic espionage investigations leading back to China open in all 56 bureau field offices. Critics worry, however, that only five FBI offices have the resources to conduct the most complex cyber investigations.

The FBI will not be alone. Both the National Security Agency and the Department of Homeland Security’s Cybersecurity and Infrastructure Security Agency (CISA) will also have a strong cyber focus. Given that the US Navy concluded recently that it was under “cyber siege” by China, one also expects the Department of Defense will have its own tailored cyber response.

As I understand it, Canada's cyber defence is conducted exclusively by the Communications Security Establishment although DND has a developing capability.

Elections in Ukraine and Slovakia Offer a Glimpse Into Russia’s Future

<https://www.themoscowtimes.com/2019/04/03/elections-in-ukraine-and-slovakia-offer-a-glimpse-into-russias-future-a65054>



This is a Russian view on two elections that are being closely watched in Russian media.

President Putin is on his last official term; the end of his official time is known as being 2024 unless there is a change to the Russian Constitution. Things have not gone well in recent Municipal elections

with Kremlin supported candidates fell to local candidates particularly in the Far East. There is growing speculation of “What happens next?” The elections in Slovakia which saw a liberal, a relatively young Mother with strong social justice agenda elected as President, who was opposed not only by the right wing but also by the Roma Catholic Church. In Ukraine, a television comic, Volodymyr Zelensky is potentially poised to win in a runoff election with the current President Poroshenko after pushing a former President and Prime Minister, Yulia Timoshenko as the third place finisher out of a field of 39 candidates.

Eastern European politics is interesting and there seems to be a growing backlash against right wing movements. Will this affect Russia in the near term? Probably not, but as increasing dissatisfaction with the Russian economy grows as President Putin lands Russia in another conflict with the US at great expense to the Russian people, all bets are off. A recent Gallup poll indicates that over 20% of the Russian population wants to leave the country as well especially young folks coupled with an anemic economy. Russia is not healthy in any the long term. Change is needed at the top, but will that change occur in time to fully stop the rot caused by the Putin Regime?

Posted on Facebook Royal United Services Institute NS: RUSI(NS) postings may be viewed by clicking on the icon at <https://RUSI-NS.ca>. To have something posted or commented, email the CIO by noon Thursday.

F-35 Strengths and Vulnerabilities

<https://rusi-ns.ca/f-35-strengths-and-vulnerabilities/>



Focus

MONTHLY UPDATE FROM
THE ROYAL UNITED SERVICES INSTITUTE

<https://mailchi.mp/rusi.org/march-2019-newsletter?e=a539211a30>



Defence Web

<https://www.defenceweb.co.za/>



Once again, the federal budget turns a blind eye to Canada's military needs

<https://nationalpost.com/opinion/once-again-the-federal-budget-turns-a-blind-eye-to-canadas-military-needs>



Air Force wish list includes more F-35s, tankers ... and some money for advanced tech to confuse Russia and China

<https://www.defensenews.com/air/2019/03/26/air-force-wishlist-includes-more-f-35s-tankers-and-some-money-for-advanced-tech-to-confuse-russia-and-china/>



ISS: High cost of having China as Africa's partner of choice

<https://www.defenceweb.co.za/governance/governance-governance/iss-high-cost-of-having-china-as-africas-partner-of-choice/>



Air Force grounds B-1 bomber fleet to inspect ejection seats

https://www.airforcetimes.com/news/your-military/2019/03/28/air-force-grounds-entire-b-1-fleet/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2029.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



UN Security Council binding resolution makes terror financing a serious crime

https://www.dw.com/en/un-security-council-binding-resolution-makes-terror-financing-a-serious-crime/a-48105141?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2029.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



China envisions an 'island city' in South China Sea

<https://www.asiatimes.com/2019/03/article/china-envisions-an-island-city-in-south-china-sea/>



Combat boots begin cross-country journey to honour 75th anniversary of D-Day

<https://www.cbc.ca/news/SOMNIA-1.5077584>



A Cyclone pilot's homecoming in Kingston

<https://www.thewhig.com/news/local-news/a-cyclone-pilots-homecoming-in-kingston>



Air show season includes UK Red Arrows, F-35s and 747s

<https://www.cnn.com/travel/article/air-shows-2019-us-canada/index.html>



Canada's longest-serving officer, who served in Dieppe, dies at 101

<https://nationalpost.com/news/canada/dieppe-veteran-who-was-canadian-armys-longest-serving-officer-dies-at-101>



'We got zero notice': Army resumes Cold War-era snap deployments to Europe

https://www.stripes.com/news/we-got-zero-notice-army-resumes-cold-war-era-snap-deployments-to-europe-1.574788?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2001.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Palestine, Golan Heights take centre stage at Arab League summit

https://www.aljazeera.com/news/2019/03/palestine-golan-heights-centre-stage-arab-league-summit-190331204307398.html?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2001.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



'Time for tougher deterrence from China' as US steps up patrols in South China Sea

https://www.scmp.com/news/china/diplomacy/article/3003895/time-tougher-deterrence-china-us-steps-patrols-south-china-sea?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2001.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Russia's Military Mission Creep Advances to a New Front: Africa

https://www.nytimes.com/2019/03/31/world/africa/russia-military-africa.html?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2001.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Hong Kong: Thousands march against China extradition proposal

https://www.dw.com/en/hong-kong-thousands-march-against-china-extradition-proposal/a-48138282?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2001.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



History Canada: April 1, 1924, The Royal Canadian Air Force is formed

<http://www.rcinet.ca/en/2019/04/01/history-canada-april-1-1924-the-royal-canadian-air-force-is-formed/>



Canada marks 5 years since end of Afghanistan mission

<https://globalnews.ca/news/5116040/canada-afghanistan-mission-fifth-anniversary/>



Afghan War veterans ask for recognition

<https://www.thechronicleherald.ca/news/local/afghan-war-veterans-ask-for-recognition-296374/>



U.S. watchdog highlights risk areas for Afghanistan in wake of peace agreement

<https://ottawacitizen.com/news/national/defence-watch/u-s-watchdog-highlights-risk-areas-for-afghanistan-in-wake-of-peace-agreement>



Canada increases contribution to multinational counter-terrorism naval task force

<https://www.canada.ca/en/department-national-defence/news/2019/04/canada-increases-contribution-to-multinational-counter-terrorism-naval-task-force.html>



Will Kalashnikov's New Drone Be the AK-47 of Indirect Fire?

https://www.defenseone.com/ideas/2019/04/kalashnikovs-man-portable-drone-could-change-warfare/155942/?oref=defenseone_today_nl



US stops F-35 fighter jet parts delivery to Turkey

https://www.defensenews.com/air/2019/04/01/us-stops-f-35-fighter-jet-parts-delivery-to-turkey/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Manila protests 'swarming' Chinese boats near island

https://www.navytimes.com/news/your-navy/2019/04/01/manila-protests-swarming-chinese-boats-near-island/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Asia allies take major steps forward with F-35 rollout

https://www.defensenews.com/air/2019/04/01/asia-allies-take-major-steps-forward-with-f-35-rollout/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Hamas tightens grip on Gaza, fails to break Israel blockade

https://www.apnews.com/7048a88cfb16432cbe592b1e23158448?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Fire breaks out aboard hunter-killer submarine drydocked at CFB Esquimalt

<https://www.msn.com/en-ca/news/canada/fire-breaks-out-aboard-hunter-killer-submarine-drydocked-at-cfb-esquimalt/ar-BBVvsnP?ocid=se>



3 Ways Europe Is Looking at a Fraying NATO

https://www.defenseone.com/ideas/2019/04/3-ways-europe-looking-fraying-nato/155982/?oref=defenseone_today_nl



On NATO's Eastern Frontier, Let's Not Lose a War Before It Starts

https://www.defenseone.com/ideas/2019/04/natos-eastern-frontier-lets-not-lose-war-it-starts/155994/?oref=defenseone_today_nl



Air Force again halts KC-46 deliveries after more debris found

https://www.airforcetimes.com/news/your-air-force/2019/04/02/air-force-again-halts-kc-46-deliveries-after-more-debris-found/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2003.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Defense chief: US, S. Korea 'building capability up' with military exercises, not scaling back

https://www.stripes.com/news/pacific/defense-chief-us-s-korea-building-capability-up-with-military-exercises-not-scaling-back-1.575285?utm_medium=email&utm_source=Sailthru&utm_campaign=ebb+03.04.19&utm_term=Editorial+-+Early+Bird+Brief



Turkey's marriage of F-35 and S-400 'absolutely unsustainable,' says EUCOM nominee

https://www.defensenews.com/congress/2019/04/02/turkeys-marriage-of-f-35-and-s-400-absolutely-unsustainable-says-eucom-nominee/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2003.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Heiko Maas says 'world peace threatened by nuclear weapons'

https://www.dw.com/en/heiko-maas-says-world-peace-threatened-by-nuclear-weapons/a-48170468?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2003.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Japan solidifies defenses in southern island chain with string of new bases

https://www.stripes.com/news/pacific/japan-solidifies-defenses-in-southern-island-chain-with-string-of-new-bases-1.575277?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2003.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



U.S. and Turkey Escalate Feud Over Russian Missile System

https://foreignpolicy.com/2019/04/02/u-s-turkey-escalate-feud-over-f-35-jet-russia-s-400-missile-system-erdogan-trump-putin-middle-east-arms-sales-pentagon/?utm_source=PostUp&utm_medium=email&utm_campaign=12007&utm_term=Flashpoints%20OC



While You Weren't Looking, General Haftar Has Been Taking Over Libya

https://foreignpolicy.com/2019/04/01/while-you-werent-looking-general-haftar-has-been-taking-over-libya-oil-united-nations/?utm_source=PostUp&utm_medium=email&utm_campaign=12007&utm_term=Flashpoints%20OC



Italy Should Learn a Thing or Two From Pakistan

https://foreignpolicy.com/2019/04/01/italy-should-learn-a-thing-or-two-from-pakistan/?utm_source=PostUp&utm_medium=email&utm_campaign=12007&utm_term=Flashpoints%20OC



Canada's ability to monitor returning foreign fighters is 'on the margins,' ex-CSIS chief says

<https://nationalpost.com/news/canada/canadas-ability-to-monitor-returning-foreign-fighters-is-on-the-margins-ex-csis-chief-says>



NATO chief faces alliance's fractures and foes in address to Congress

https://www.defensenews.com/congress/2019/04/03/nato-chief-faces-alliances-fractures-and-foes-in-address-to-congress/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2004.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



The US Navy, seeking savings, shakes up its plans for more lethal attack submarines

https://www.defensenews.com/naval/2019/04/04/the-us-navy-seeking-savings-shakes-up-its-plans-for-more-lethal-attack-submarines/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2004.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



'The best decision you have made': ISIL, al-Qaida troll Canada over withdrawal from Mali UN mission

<https://nationalpost.com/news/canada/canadas-withdrawal-from-un-mission-in-mali-leads-to-trolling-from-isil-and-al-qaida>



The United States and Europe Since World War II

https://www.rand.org/pubs/testimonies/CT506.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804



Characteristics of Successful U.S. Military Interventions

https://www.rand.org/pubs/research_reports/RR3062.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804



Other Sources:

#blockchain

Blockchain For Military Defense: 7 Possible Use Cases

<https://www.disruptordaily.com/blockchain-use-cases-military-defense/>

#cyber operations

Are Tech Companies Becoming the Primary Legislators in International Cyberspace?

<https://www.lawfareblog.com/are-tech-companies-becoming-primary-legislators-international-cyberspace>

#economic warfare

Officials: Chinese Economic Charm Offensive Losing Steam

<https://news.usni.org/2019/04/01/officials-chinese-economic-charm-offensive-losing-steam>

Maybe Chinese economic warfare is being recognized for what it is.

#future fighter

F-35 Far from Ready to Face Current or Future Threats, Testing Data Shows

<https://www.pogo.org/investigation/2019/03/f-35-far-from-ready-to-face-current-or-future-threats/>

#information operations

A Way to Detect the Next Russian Misinformation Campaign

<https://www.nytimes.com/2019/03/27/opinion/russia-elections-facebook.html>

#internal security

The Limits of British Citizenship

<https://www.lawfareblog.com/limits-british-citizenship>

"...argues the United Kingdom and other democracies are right to consider a wider range of options, including citizenship revocation and blocking individuals [captured foreign volunteers for terrorist organizations] from returning."

#leadership

Mutual Respect and the Modern Army

<https://thearmyleader.co.uk/mutual-respect-modern-army/>

#logistics

NATO helps Allies speed up sharing of weapons

https://www.nato.int/cps/en/natohq/news_164961.htm

#Mali

'The best decision you have made': ISIL, al-Qaida troll Canada over withdrawal from Mali UN mission

<https://thestarphoenix.com/news/canada/canadas-withdrawal-from-un-mission-in-mali-leads-to-trolling-from-isil-and-al-qaida/wcm/79304736-f406-4efd-afd4-b08b21e42de8>

Pretty mild info attacks. I suppose, though, it is nice to be recognized...

#NATO

Report to Congress on Assessing NATO's Value

<https://news.usni.org/2019/03/28/report-congress-assessing-natos-value>

#reading list

Into the Unknown: A Reading List for the Knowledge Warrior

<http://cimsec.org/into-the-unknown-a-reading-list-for-the-knowledge-warrior/40012>

Though the article is targeted at naval intelligence officers, it can be useful to anyone.

#Reserves

Improving Our Army Reserve Force Through Augmentation at Combatant Commands

<https://fromthegreennotebook.com/2019/04/03/improving-our-army-reserve-force-through-augmentation-at-combatant-commands/>

I suspect it can be said that Canadian Reserves are already augmenting at all levels. A question then is whether that is enough.

#Royal Canadian Navy

Your Navy Today - March 2019

<http://www.navy-marine.forces.gc.ca/en/news-ynt/2019/03-your-navy-today.page?>

#ship maintenance

Canadian Navy Trials Augmented Reality for Shipboard Maintenance

<https://www.maritime-executive.com/article/canadian-navy-trials-augmented-reality-for-shipboard-maintenance>

#urban warfare

The Problem With Megacities

<https://www.forbes.com/sites/megacities/2011/04/04/the-problem-with-megacities/#3e0c38716f27>

The Destructive Age of Urban Warfare; or, How to Kill a City and How to Protect It

<https://mwi.usma.edu/destructive-age-urban-warfare-kill-city-protect/>

Other:

Transport Canada Aeronautical Information Manual (TC AIM) SAR - **Search and Rescue**

https://tc.gc.ca/media/documents/ca-publications/AIM_2019-1_E-SAR.pdf

“Canada’s Mission in Mali”

An Update by

LCol James Knutsson, RCAF

CO of 403 Sqn, CFB Gaagetown

Former Deputy CO and Chief of Staff of Canada’s Mali mission



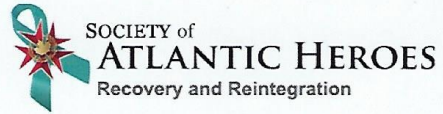
Wednesday, 10 April, 7:00pm

Provincial Archives of NB

Everyone Welcome



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proudly presents*



INCREASING LATENT STRESS CAPACITY TO GENERATE POST-TRAUMATIC GROWTH



**This is the “must attend” show
of the year for military,
veterans and first-responders**

- Key speakers from your communities passing on advice after traumatic events
- Lessons learned in Afghanistan about improving latent stress capabilities
- The value of storytelling to create cultural shifts and resilience
- Tips on how to deescalate the energy of trauma immediately after it happens

June 24, 2019 0800 - 1500

The Scotiabank Stage, 1593 Argyle St, Halifax, NS

<https://e.sparxo.com/2019-0624-momondays-Halifax>

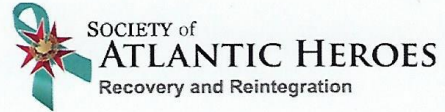
YOU MEET THE NICEST PEOPLE AT MOMONDAYS!



on the Scotiabank Stage,
in Halifax, Nova Scotia

REAL PEOPLE. REAL STORIES. REAL INSPIRATION.
momondays

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Rhys Bevan-John

Reincarnating without dying



Rhys was fundamentally unsettled. He spent over 10 years trying to transform himself using the wrong tools, which led to a mental breakdown and his withdrawing from life. Happily, he found a practice called somatic coaching which was able to uncover and release deeply held trauma from his body which gave him the potential to experience the world in ways he never had before. He's excited to share those tools with you.

Jean-Michel (JM) Blais

Recognizing and managing post-traumatic stress

In January 2010, following the devastating earthquake that hit Haiti, JM personally led the recovery mission of two Canadian police officers and the senior management of the United Nations mission who had perished in the collapse of the UN headquarters. That mission took a toll on JM in a very deep and intimate way. He'll be sharing the strategies he used to come back from the abyss.



Dave Carroll

The power, and value, of storytelling as a leader

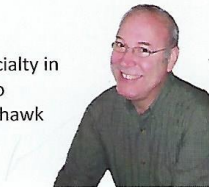


Dave is an award-winning songwriter and social media innovator from Halifax. He became familiar to hundreds of millions when his YouTube music video about a customer service issue with an airline, United Breaks Guitars, became a worldwide media sensation. As a consummate storyteller, he's going to show you the tools needed to incorporate this important skill into your operational teams.

Tim Brodie

Combing the snakes around a smoky fire

During the Afghanistan campaign Tim was a commissioned officer with a specialty in team-building and conflict management. In his exploration of what it takes to create a strong warrior community, he was gifted some wisdom from the Mohawk community. Listen as he shares centuries-old wisdom on creating resilience.



Tickets \$125 in advance



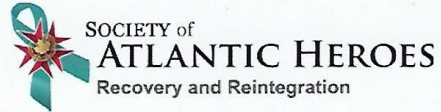
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In the afternoon we'll have two exceptional speakers who have each travelled their own tough road. They've each got a story to share and then they'll sit at a round table with Ken Hoffer, President of the Society of Atlantic Heroes, where they'll answer your questions and give advice on what needs to be done to be proactive and create stronger, more resilient, environments for our military and first responders.

Roger Brown

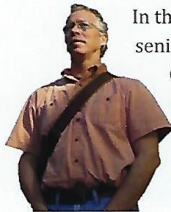
Leading on the worst day

As leaders, you may face the ultimate challenge one day and be responsible for taking charge of a situation where there are casualties, on your team. There is nothing easy about that day and nothing to prepare you for it. However, we can learn from those who have already walked that path. Roger has a story to tell, and some advice to share. It's an important message.



Rob Martin

The road home



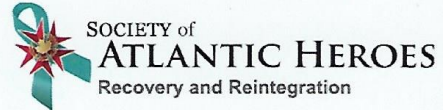
In the fall of 2009, Lt.-Col. Rob Martin was a veteran of two tours in Afghanistan, a senior leader in the Canadian military and an utterly broken man. Twenty-five Canadian soldiers died during the officer's 2008-09 tour in Kandahar, where his job was to study, track and help combat the Taliban using scraps of gathered intelligence and electronic signals. Each death was an emotional blow. But he was able to come back from that black hole by way of a fishing hole. Let him tell you of that journey.

This day promises to be one that's talked about for a long, long time. It's designed to send you back to your units with insight and tools. The day is also designed to build community between military and paramilitary partners and allies. You won't want to miss it.

*Get **advance** tickets now for **\$125** at <https://e.sparxo.com/20190624-momondays-Halifax>*

All money raised will be donated to the Society of Atlantic Heroes, supporting their programs, goals and vision.

*momondays Halifax, in partnership with
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What is momondays? www.momondays.com/Halifax

Momondays is a monthly show infused with equal doses of heart, humor and happiness. It provides life lessons and powerful insights from authentic, personal stories, which offers personal transformation and community... packaged as professional entertainment!

More than ever, people just want to put away the business cards and connect authentically, one human being to another. When we do that -- when we are just ourselves and share our personal stories of challenge and growth -- we have the power to transform lives, starting with our own.

YOU MEET THE NICEST PEOPLE AT MOMONDAYS!



What is the Society of Atlantic Heroes? <http://www.atlanticheroes.org/>

The Society of Atlantic Heroes is a group of veterans, serving members and concerned community members with a vision to provide access to a stable, supportive and structured housing environment for veterans and first responders suffering serious personal challenges due to Occupational Stress Injuries (OSIs).

The long-term goal of the Society includes facilitating the necessary supports that will help each veteran and first responder to manage their complex PTSD challenges and other debilitating issues that are associated with their professional occupation. This also includes the desire too help veterans and first responders to obtain the requisite occupational skill sets, through education and employment, that will enable them to succeed as productive and valued professionals in within their communities

