



# Carmichael Connection

## February March 2018

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**CARMICHAEL ENTERPRISES RESIDENTIAL PROGRAMS LTD**

**IN THIS ISSUE**

**ISLAND HEALTH FIRST IN B.C. TO TRAIN BOARD OF DIRECTORS TO ADMINISTER NALOXONE**

**Excerpts From:** April Lawrence CHEK News

<https://www.cheknews.ca/island-health-board-directors-naloxone-training-416979/>

It was not Tracey Thompson's typical audience for naloxone training, but on Thursday she was presenting to members of Island Health's board of directors.

"I'd never done this before and in fact was probably a little bit nervous about partaking in the training," said board member Robina Thomas.

Most are high-level business executives from across Vancouver Island and are getting a closer look at B.C.'s opioid crisis.

"The board decided that they really needed to understand the whole safe consumption issue and administering naloxone," said Island Health board chair Leah Hollins.

More than 1400 people died from an overdose in B.C. in 2017 and while there's a misconception the majority are from the streets, many on the board say they've been touched by the crisis as well.

"One of my cousins her best friend overdosed on fentanyl," said Thomas.

"Here's our board members, the individuals that are guiding our \$2.2 billion organization, but when polled everyone almost everyone knew somebody who'd either experienced an overdose or even knew

of a fatality," said Island Health's Chief Medical Health Officer Dr. Richard Stanwick.

That list includes Stanwick himself.

"This was a very close personal friend, their son was actually a lawyer," he said. "Eventually was found unresponsive and was not able to resuscitate and this was a young man who had actually stayed with us at one occasion so a bright young light extinguished because of overdose," he said.

The members were taught how to draw naloxone into a syringe and then inject it into an orange, teaching them how to eventually treat a person.

"If I ever had to I would be so thankful that I had this training," said Thompson.

They were not only taught how to inject naloxone but how to provide life-saving CPR and how to tell if someone is actually overdosing.

"We're going to see slow or no breathing, snoring or gurgling sounds, that is not somebody sleeping it off," said trainer Tracey Thompson.



**ANTISOCIAL HONEY BEES  
AUTISM STUDY**

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**CARMICHAEL EMPLOYEE &  
JUSTIN TRUDEAU**

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STAFF SPOT LIGHTS



**Birthdays ~ February 2018**

Jennifer T. Ron W.  
 Brittany P. Katelynne  
 Kyle Michael H.  
 Glenn M.

**Birthdays ~ March 2018**

Amanda C. Melvin  
 Faith Mark W.  
 Sebastian Samantha S.  
 Stephen Curtis  
 Ian Larissa T.  
 Devon Lucille  
 Dave N.

**Staff Draw Winners**

JANUARY: William Mc.  
 FEBRUARY: Glenn M.



**Welcome New Staff & Returns**

Samantha Mc. Monika Fay  
 Raylene Richard Farah  
 Isaiah Nicole Jaimee

RANDOM FAST FACTS



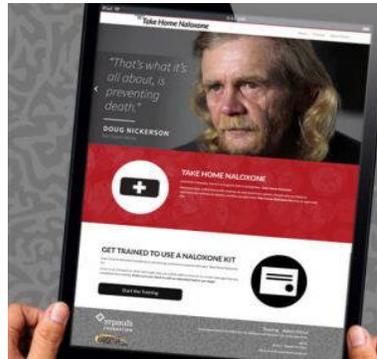
Over 90% of diseases are caused or complicated by stress!



Soldiers Disease is a term for morphine addiction. The Civil War produced over 400,000 morphine addicts

OOPS!

If we have missed anyone off the Staff Spotlights please contact the office so we may correct in the next issue. Thank you!



**NEW NALOXONE TRAINING APP HELPS**

Excerpts from: Towards the Heart Website  
[HTTP://TOWARDTHEHEART.COM/UPDATE/NALOXONE-TRAINING-APP-LAUNCHES](http://towardtheheart.com/update/naloxone-training-app-launches)

**NEW NALOXONE TRAINING FOR ONLINE AND MOBILE DEVICES**

November 08, 2017

St. Paul's Hospital and TowardTheHeart.com are launching a new naloxone training that can be completed online and on mobile devices.

What you need to know about [NaloxoneTraining.com](http://towardtheheart.com/naloxonetraining.com):

- People can complete the new training online and on their mobile device – so more people can quickly access high-quality naloxone training, while reducing the burden on naloxone sites
- The new training is comprehensive, and covers OD prevention, recognition and response
- When someone completes the training, a certificate will display on their device and you can dispense a kit to them
- People may also print off a certificate with their name on it and bring it in to your site so you can dispense a kit to them
- This may increase demand for kits at your site – please contact [outreach@towardtheheart.com](mailto:outreach@towardtheheart.com) if you have any issues related to the new training

- We still need your help to make sure people can practice using the THN supplies. Please continue to provide hands-on training using our practice supplies to people who have a certificate from this training
- Always make sure people understand the importance of giving breaths, and how to give breaths, see: <http://towardtheheart.com/resource/why-give-breaths/open>
- Having a chance to use the practice supplies (needles, ampoules and snappers, gloves and breathing masks) may help people feel better prepared in an overdose emergency!

If you transfer THN kits to other sites, please share this important information with them!

More naloxone resources and information, see: <http://towardtheheart.com/naloxone>

## Antisocial honey bees could provide insight about autism: study

Excerpts from Katie Dangerfield Global News, August 8, 2017

<https://globalnews.ca/news/3654368/antisocial-honey-bees-could-provide-insight-about-autism-study/>

Scientists are turning to bee hives to study the genetic makeup of autism.

Researchers at the University of Illinois are turning to honey bees to better understand autism spectrum disorders in humans.

The study, published in the journal Proceedings of the National Academy of Sciences, said antisocial honey bees may share the same genetic profile with people who have autism.

"Honey bees have highly sophisticated and well-described social behaviours," the team of researchers said in the study.

"Autism spectrum disorders are primarily characterized by a lack of the capacity to engage in reciprocal social interactions."

There are different types of honey bee roles in a hive; guard bees react to intruders and nurse bees care for the queen larvae. However, after testing 245 groups of bees from seven different colonies, researchers found there are bees who don't react to these social situations.

In the first test, the researchers stuck an unfamiliar bee in the group, which typically makes bees act aggressively to the outsider. This aggressive behaviour sometimes leads to injury for the stranger.

In the second test, the researchers put an immature queen larva in with the group, which typically brings out nurturing instincts for bees.

"For any given task, most honey bees fall somewhere in the highly engaged to moderately engaged camp," University of Illinois entomology professor Gene Robinson told Phys.Org. "Typically, honey bees will respond more robustly to one stimulus than to another."

However, around 14 per cent of the bees were unresponsive to both, according to the study.

The unresponsive bees' lack of social awareness looked similar to the social difficulties faced by some people with autism, he added.

Related genes?

The researchers didn't just look at the antisocial behaviour of the bees, they also took a look at the genes that could drive the behaviour. The team tested the genes inside the brain of the bees and found that more than 1,000 genes were regulated differently between social and nonsocial bees.

The genes of the unresponsive bees were then compared to genes associated with autism. And the researchers found an overlap. Study finds autism in siblings may have different genetic causes

Scientists reach major turning point in learning genetics of autism

Autism and the genetics behind the disorder

Researchers did not find overlap with human genes associated with depression, schizophrenia and several other mental disorders.

"Our data are telling us that social unresponsiveness does have some common molecular characteristics in these distantly related species," Robinson said.

Robinson added that "humans are not big bees and bees are not little humans." He said the autism spectrum disorder is very complex, and unresponsiveness is not the only behaviour associated with it. "While social behaviour likely evolved independently in honey bees and humans, our data reveal that they make use of common toolkits, common building blocks," he said.



### UP COMING EVENTS



### RED CROSS MONTH

March 2018

<http://www.redcross.ca/about-us/red-cross-stories/2013/march-is-red-cross-month>



### CARF Canada

Webinars ~ CARF is committed to providing the highest quality education and training opportunities in a format that promotes ease of access and participation. Our web-based trainings offer you the following:

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<http://www.carf.org/Events/Webinars/>



### GOOD FRIDAY

March 30, 2018

## MY QUESTION FOR JUSTIN TRUDEAU?

Submitted by: Monika S. ~ Carmichael Employee at Hammond Place

<https://youtu.be/nQ91KYyAn-4>

Please share this!

Two videos compiled into one video with CC

<https://youtu.be/nQ91KYyAn-4>

Here's the video of Justin Trudeau's response to my question about the recognition of ASL/LSQ in Canada. The question is transcribed as seen below.

Transcribed question:

“On December 19, 2017, a UN resolution to declare September 23rd as International Day of Sign Languages was officially adopted at the 72nd United Nations (UN) General Assembly. Canada is one of the countries listed as additional sponsors to the UN resolution. I wanted to say thank you for the Government of Canada for your support as a Deaf Canadian.

Currently, there are barriers in Canada related to accessibility around the country and I understand that the federal government is planning to introduce the federal accessibility legislation this year to remove these barriers that we faced in our country.

The recognition of Sign languages is a key element of human rights related to Deaf persons, clearly outlined in the United Nations Convention on the Rights of Persons with Disabilities (CRPD) that Canadian Association of the Deaf-Association des Sourds du Canada (CAD-ASC) is pushing for Sign language recognition.

My question is to you: will your government plan to recognize our two national Sign languages-ASL and LSQ to join many countries around the world that have legally recognized their Sign languages?

Thank you and I look forward to hear your response.”

Ah this explains why. So glad I got to speak. I MADE HISTORY, first Deaf person Justin point to allow to make comment and ask question! Awesome experience speaking directly to the Prime Minister! Overall, that's crucial having such important message being carried out. I'm so glad we did it. I am just relieved it was me that was signing it out instead of handling the phone to the interpreter's.

Thank you

Monika S.

Carmichael Connection

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Martin Place ~ Outreach Home ~ Sherbourne Home ~ Nim Nim House ~