



Q&A

Alan German & Chris Taylor
Ottawa PC Users' Group



Help wanted with presentations!

- Topics
- Speakers
 - monthly meetings
 - members' favourites
 - Q&A

SuggestionBox@opcug.ca

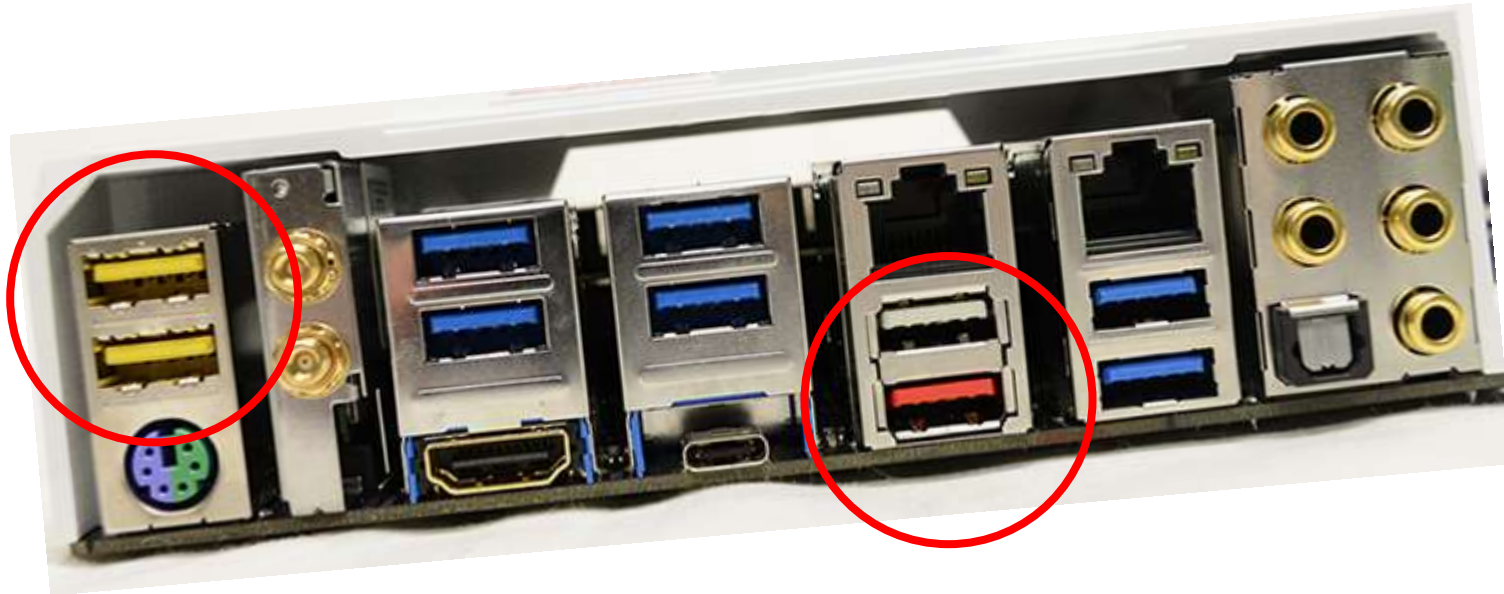
USB plugs, ports, and more



- What is the history of the various kinds of USB plugs and ports?
- What uses are made of the different types?
 - Are there compatibility issues?
 - What are the differences between hubs and powered hubs?
 - Anything else I should know about USB's?

If you can speak to this topic, please contact us at SuggestionBox@opcug.ca

USB plugs, ports, and more



What are these?

If you know the answer, you should be our speaker on this topic!



Any writers out there?

- Lynda Buske noted that...
 - we often see
 - ...at Q&A
 - ...in the OPCUG-Member-Forum
 - ...while browsing the web
 - web sites with interesting
 - ...emerging technologies
 - ...fun game sites
 - ...clear explanations of a concept
 - Would anyone be interested in compiling a short list for the monthly newsletter?



Seen lately by a club member

A monthly column of random bits and pieces with links where you can find out more

- Why the prices of computer components are rising and things are sold out. It may not be (completely) why you think - <https://www.youtube.com/watch?v=369y-P1gE8>
- Intel releases their latest tiny computer (NUC), Phantom Canyon with 11th gen Tiger Lake processor, discrete RTX 2060 graphics, 16 GB RAM (max 65 GB), m.2 SSD, 8 USB ports and more - <https://www.pcworld.com/feature-galleries/>
- Features added recently to Zoom. Suppress background noise, make your video appear on top of slides when you present, share multiple windows, adjust video for low light, and more - <https://www.youtube.com/watch?v=60jNCTTm-1c>
- A powerful charging hub for your USB devices. 8x power can provide all the charging you need. It has 4 USB type-A ports with up to 25W and a USB-C PD (power delivery) port that can pump out 85W - <https://www.youtube.com/watch?v=60jNCTTm-1c>
- Golfing on your PC, tablet or phone for free with stunning graphics - <https://m.out.com>
- Tracking an office ergonomics (not free!) - https://www.trakka.com/online_business_office_ergonomics.asp?lang=en

FCC Cracks Down on Robocalls Using a New Mitigation Database

Phone companies must refuse incoming traffic from services not listed in the Robocall Mitigation Database.

...the STIR/SHAKEN protocol...

BREAKING: Linux Flies on Mars

(Apr 19, 2021, 08:25) (0 talkbacks)

A triumph for the world's Linux and open-source communities.

Follow-up

Anyone interested?

Share

1969 Apollo guidance computer

- Designed at MIT Instrumentation Laboratory
- Responsible for almost all Guidance, Navigation and Control
- Same computer (different software) on the Command Module Lunar Module
- 32 kg
- 55 Watts
- 1 cubic foot
- 50,000-100,000 instructions per second



2 kilowords RAM
36 kilowords ROM

Input/output

Verb 99, noun 63

*Are you sure you want
to land on the moon?*

<https://www.youtube.com/watch?v=B1J2RMorJXM>

Share

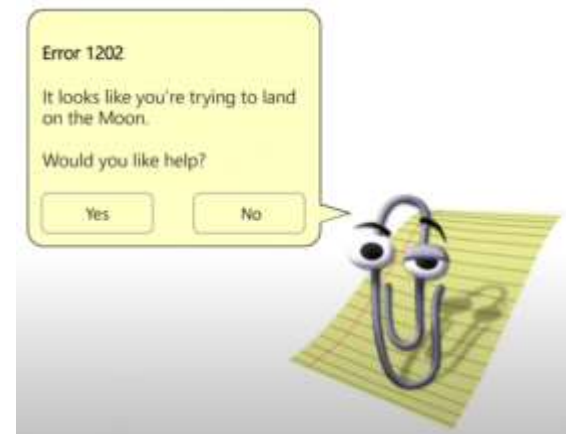
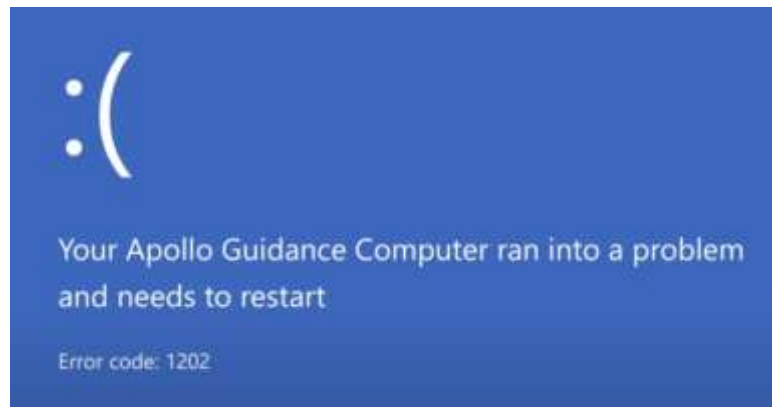
1969 Apollo guidance computer

- All software will encounter failures
 - Failures in production are often transient
- Failed software can't be trusted to recover itself
 - Restart it instead

3 nail-biting seconds

...5 program alarms and restarts.

The last one just 2,000' above the moon surface



<https://www.youtube.com/watch?v=B1J2RMorJXM>

Share

Facebook is stalking you

- Helpful reminder about just how much Facebook stalks you on the internet
 - post by Graham Cluley (Smashing Security)
 - how bad is the problem?
 - what can you do?



<https://grahamcluley.com/how-much-facebook-stalks-you-on-the-internet/>

Share

Microsoft Word Tips



- Kevin Stratvert on YouTube

Dark mode	Convert Word doc to Interactive web page	Convert PDF to editable Word doc
Copy/paste multiple items to clipboard	Use formulas to calculate values	Sort lists
Collaborate	Rewrite suggestions	Resume assistant
Translator	Table of contents	Citations and bibliography
Pin documents	Navigation pane	Format painter

<https://www.youtube.com/watch?v=LxgheItBIzQ>

Share

More of Tom's Favourite Apps



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601-567 Cambridge ST. S.
Ottawa ON K1S 4J5 Canada

[Skype:Abacurial](skype:Abacurial)

<http://TomTrottier.com>

Absum! -- Quidquid latine dictum sit altum viditur.

P Est-ce c'est necessaire d'imprimer ce courriel ?

Do you really need to print this email?

PUBLIC NOTICE: Any use of this message, in any manner whatsoever, will increase the amount of disorder in the universe. Although no liability is implied herein, the consumer is warned that this process will ultimately lead to the heat death of the universe.





COVID Alert - Let's protect each other

Health Canada | Santé Canada Health & Fitness

★★★★★ 8,118

E Everyone

⚠ You don't have any devices

➕ Add to Wishlist

Install



Looking for exposures.

Looking for exposures.

Join the effort to slow the spread.

Your privacy is protected.

<https://play.google.com/store/apps/details?id=ca.gc.hcsc.canada.stopcovid>



Getting Your COVID Vaccination in Ottawa

Information to be provided by

Bob Walker

later in tonight's session



CBC Listen: Free Music, On-Demand Radio & Podcasts

CBC Mobile Music & Audio

★★★★☆ 3,044

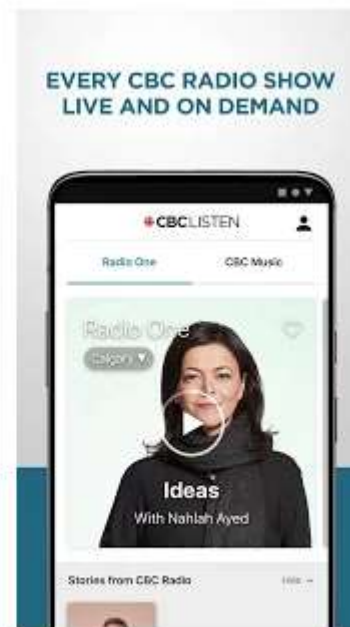
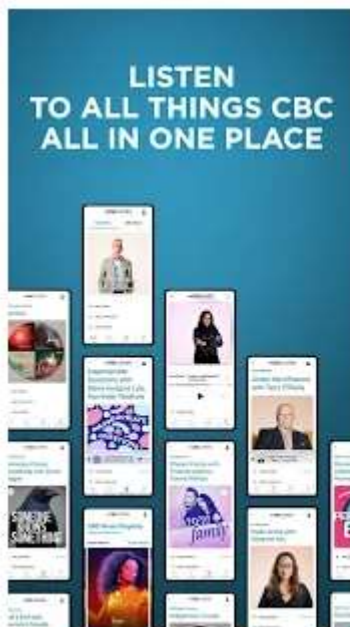
Everyone 10+

Contains Ads

You don't have any devices

Add to Wishlist

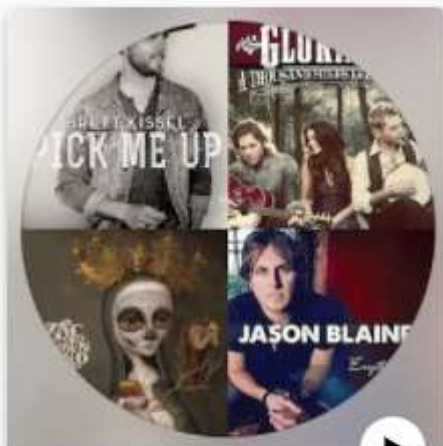
Install



<https://play.google.com/store/apps/details?id=com.nobexinc.cbcradio.rc>



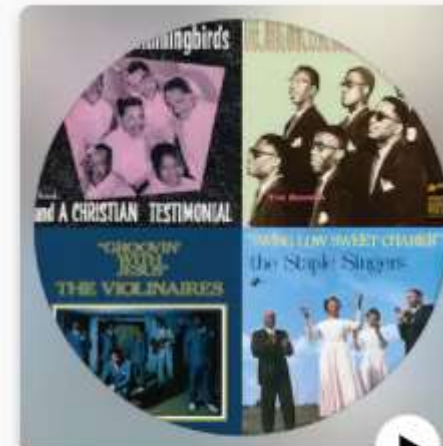
Essential Classics



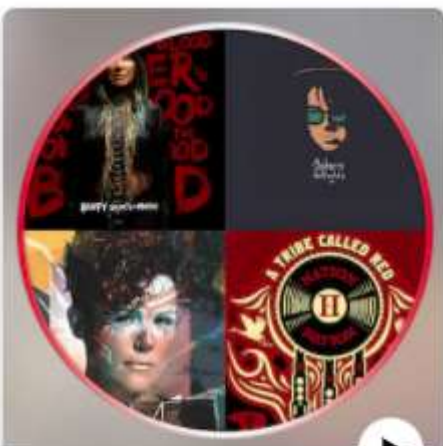
Hot Country



Motown In Love



Gospel



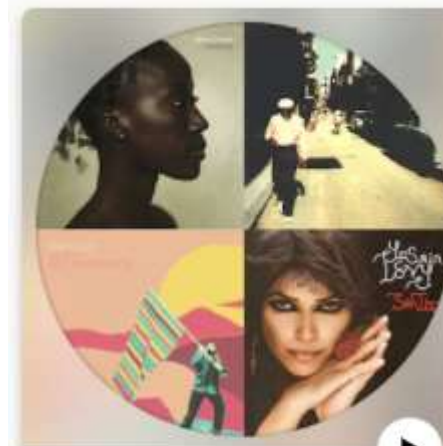
Indigenous Canada



Latin Jazz



Rock Classics



World



AtomicClock – NTP Time (with widget)

T. Partl Tools

★★★★★ 9,488

Everyone

Contains Ads · Offers in-app purchases

⚠ You don't have any devices

Add to Wishlist

Install



<https://play.google.com/store/apps/details?id=partl.atomicclock>

- Use for accurate time
- Used with time.nrc.ca or time.chu.nrc.ca

Network Time Protocol (NTP) servers

<https://nrc.canada.ca/en/certifications-evaluations-standards/canadas-official-time/network-time-protocol-ntp>

- GPS time is OK too...



Sync or Thwim

- Computer clocks drift
- Watches drift
- Here's how to keep them accurate...



Accurate Time Sources

- GPS
- National Research Council
 - 613-745-1576
 - Shortwave - 3.33, 7.85, 14.67 MHz
(US: WWV 2.5, 5, 10, 15, 20 Mhz)
 - Network Time Protocol

Network Time Protocol (NTP)

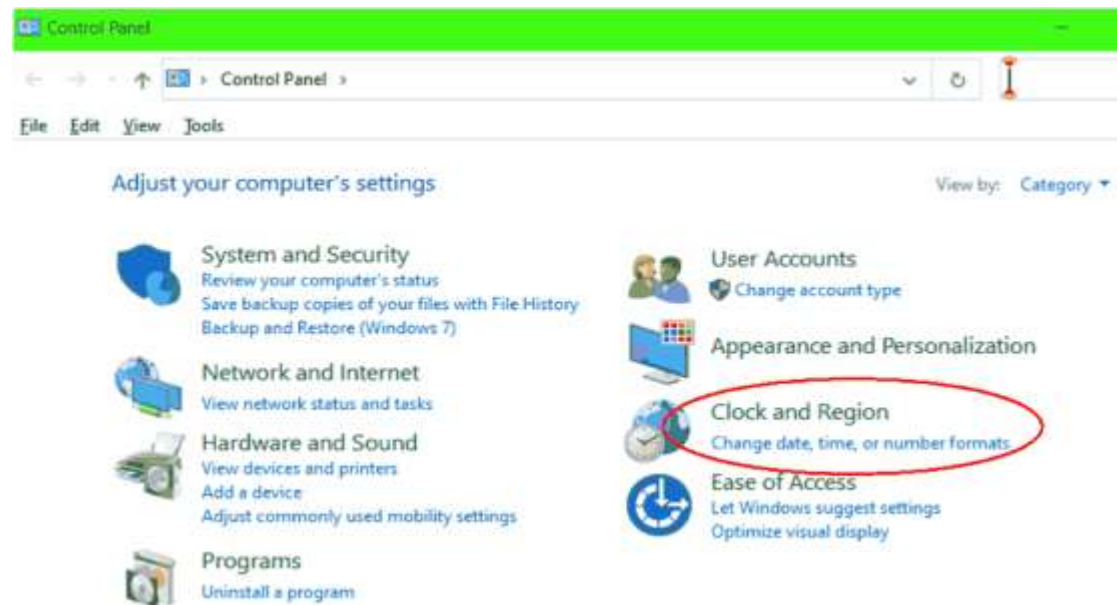
- Client-server RFC7822 - Port 123
- Protocol measures & compensates transmission delays
- 10-20 ms accuracy over Internet
- Can compare multiple sources for best accuracy

NTP Sources

- Ottawa
 - time.nrc.ca
 - time.chu.nrc.ca
- Google
 - time1.google.com, time2.google.com,
time3.google.com, time4.google.com
- pool.ntp.org

Windows NTP

- Command Line
 - w32tm /config /syncfromflags:manual /manualpeerlist:"0.pool.ntp.org 1.pool.ntp.org 2.pool.ntp.org 3.pool.ntp.org"
- Control Panel



Panel\Clock and Region

Control Panel > Clock and Region

View Tools

Panel Home

and Security

rk and Internet

are and Sound

ms

Date and Time
Set the time and date | Change the time zone | Add clocks

Region

Date and Time | Additional Clocks | Internet Time

This computer is set to automatically synchron

This computer is set to automatically synchron

Internet Time Settings

Configure Internet time settings:

Synchronize with an Internet time server

Server: time.nrc.ca [v] [Update now]

This computer is set to automatically synchronize on a scheduled basis.

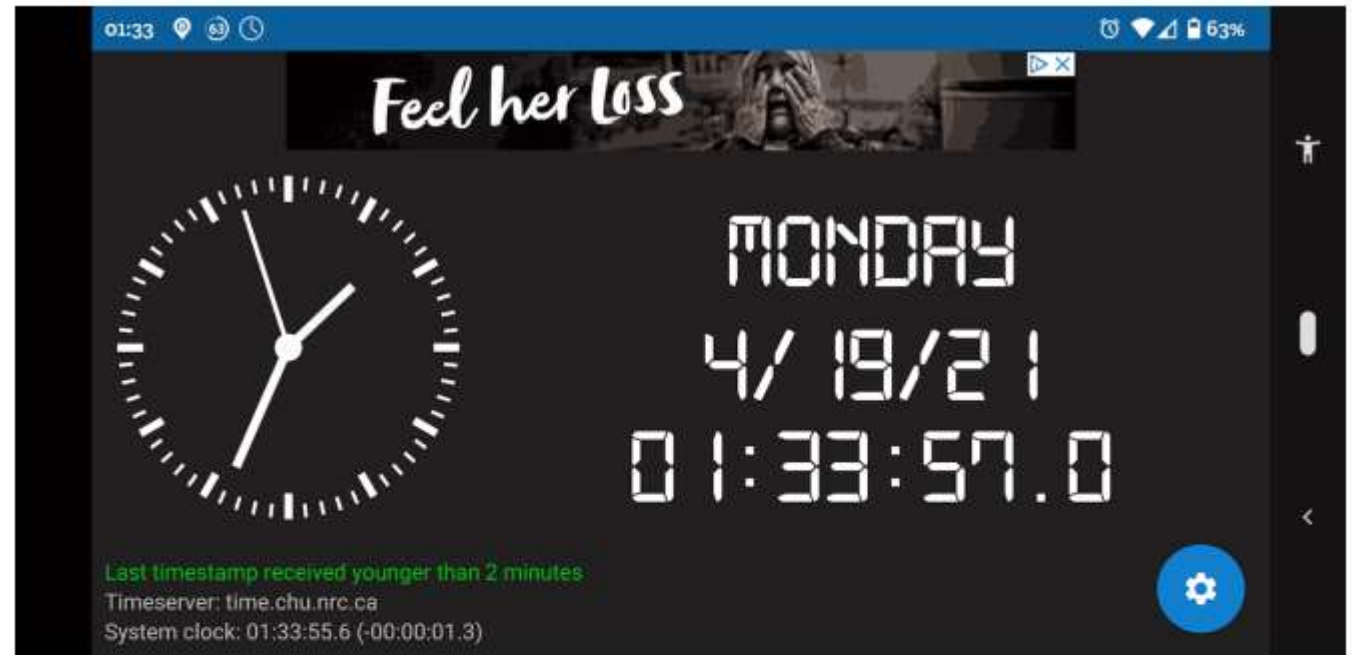
[OK] [Cancel]

[Change settings...]

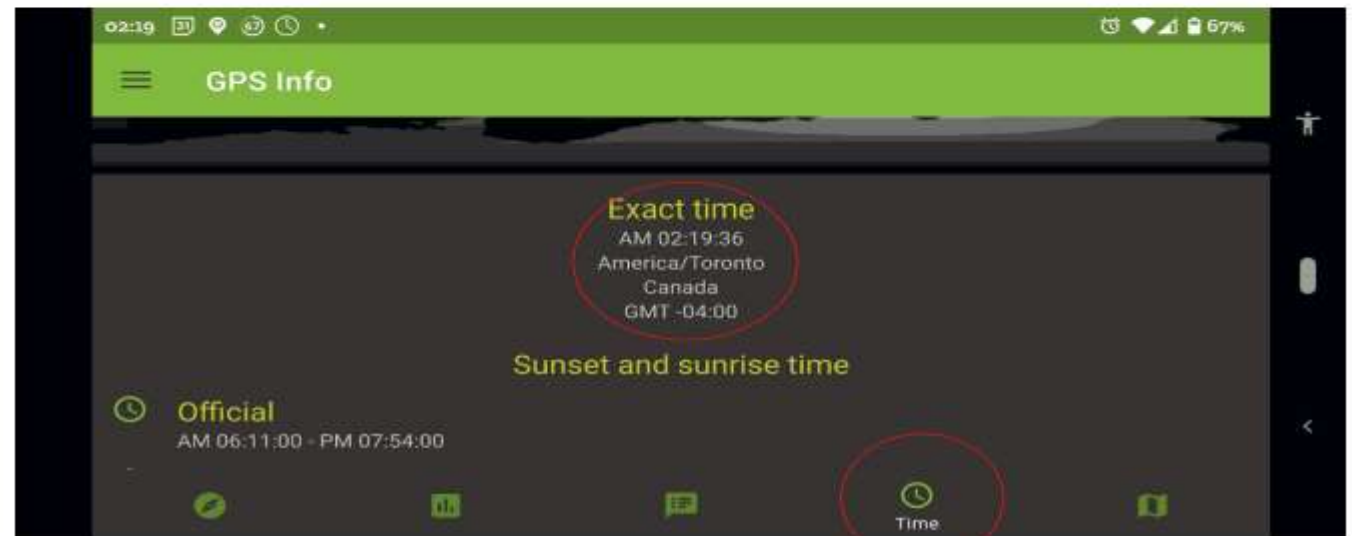
[OK] [Cancel] [Apply]

Android Time

Atomic Clock



GPS



Share

Balancing Music and Voice in Zoom Fitness Classes



Bea Alt



Getting Your COVID Vaccination in Ottawa

**This information was put together on 21 April 2021
and may already be obsolete.**

**This information is superseded by any information
on the City of Ottawa Public Health COVID website.**



A lot of information is available at:

<https://www.ottawapublichealth.ca/en/public-health-topics/novel-coronavirus.aspx>

The site has links to the municipalities surrounding the Ottawa area:

- **[Eastern Ontario Public Health Unit](#)** (Alexandria, Casselman, Cornwall, Hawkesbury, Rockland and Winchester)
- **[Renfrew County and District Health Unit](#)** (Pembroke and Renfrew)
- **[Leeds Grenville & Lanark District Health Unit](#)** (Almonte, Brockville, Carleton Place, Gananoque, Kemptville, Perth and Smiths Falls)
- **[City of Gatineau](#)**

The information I'm giving is for average people. Special considerations exist for:

- Adults 50 years of age and older living in hot spots or high risk communities:
 - **Community clinics** if they live in "hot spots" including postal codes starting with K1T, K1V and K2V
 - **Pop-up clinics in high risk communities**
- **Staff, caregivers and residents in all retirement homes**
- **Staff, caregivers and residents in all long-term care homes**
- **Priority health care workers identified in the Ministry of Health's guidance on Health Care Worker Prioritization, including hospital employees, staff who work or study in hospitals and health care personnel**
- **Non-front-line moderate priority health care workers such as those working remotely or those not requiring personal protective equipment at work**
- **Faith leaders**
- **Adults in First Nations, Métis and Inuit populations**
- **Residents staying in Ottawa shelters**
- **Special Education workers**
- **Clients with highest risk health conditions and their caregivers**

If you are 60 or older in 2021, or are otherwise eligible, and have an Ontario Health Card, you can book a shot at:

<https://covid-19.ontario.ca/book-vaccine/>

- The appointment may be up to three weeks away
- You will likely go to one of the following places:
 - Horticulture Building (Opening soon), 1525 Princess Patricia Way
 - Eva James Memorial Centre, 65 Stonehaven Drive
 - Nepean Sportsplex, 1701 Woodroffe Avenue
 - Ottawa City Hall, 110 Laurier Avenue West
 - St-Laurent Complex, 525 Côté Street
 - The Ottawa Hospital - Civic Campus, 1053 Carling Ave
 - Queensway Carleton Hospital, 3045 Baseline Rd
 - Ruddy Family YMCA-YWCA, 265 Centrum Blvd
- The Vaccines offered: Pfizer-BioNtech and/or Moderna

If you are 60 or older in 2021, or are otherwise eligible, and do* or don't have an Ontario Health Card, you can also book a shot at:

613-691-5505

- Besides the previously mentioned clinic sites, the operators are able to book appointments at temporary clinics in other locations that may be closer to you, especially if you live in Rural Ottawa, but the operators aren't necessarily familiar with the Ottawa area and where the sites may be in relation to where you live.
- The appointment may take up to three weeks, but may be available at a temporary clinic in a much shorter time frame.
- The Vaccines offered: Pfizer-BioNtech and/or Moderna

* - The voicemail may ask you to book on the website if you say you have a card.

If you are 40 or older in 2021, or are otherwise eligible, and have a valid Ontario Health Card, or other form of valid government-issued identification (e.g. drivers license, passport), you can book a shot at a local pharmacy. For more information on this go to:

<https://covid-19.ontario.ca/vaccine-locations>

- The site gives you a list of SOME of the participating pharmacies. You will actually end up booking your appointment with the pharmacy itself, either on their website or by phone.
- If you look at 'Pharmacy locations by city', note that besides Ottawa itself, some specific neighbourhoods in Ottawa (e.g. Nepean, Manotick, etc.) are also listed.
- The lists of pharmacies by postal code may not be anywhere close.
- This list of pharmacies is **NOT** complete. Contact your local pharmacies by their website or phone them for more info.
- You may want to register with several pharmacies and take the first available appointment.
- Appointments are subject to the availability of vaccines.
- SOME doctor's offices also have vaccines available.
- Vaccine available: AstraZeneca

- **The vaccines are 75% to 95% effective at totally preventing COVID infections, and are 100% effective at preventing serious hospitalization and death.**
- **Depending on age, physical condition and medical issues, it takes between one to four weeks for the vaccine to be fully effective after your shot.**
- **Even once the vaccination has become fully effective you can STILL be a COVID carrier for up to two weeks after being exposed. Continue to observe the masking, social distancing and other measures to protect others who have not yet been vaccinated.**

The chances of blood clots with the AstraZeneca vaccine (and with the similar Johnson & Johnson) are between one in a 100,000 and one in a million, depending on the person's sex, age, medical condition, etc.

In comparison, a woman on 'the pill' has better than a one in 2,000 chance of getting blood clots.

Blood clots are normally quite treatable and are rarely fatal.



**Any other:
Questions
Comments
Shares?**

12 MAY
Video conference

WEDNESDAY

Typography

(because...)

type can be

elegant

easy to read

bold

eye-catching

emotive

...and beautiful



Chris Taylor

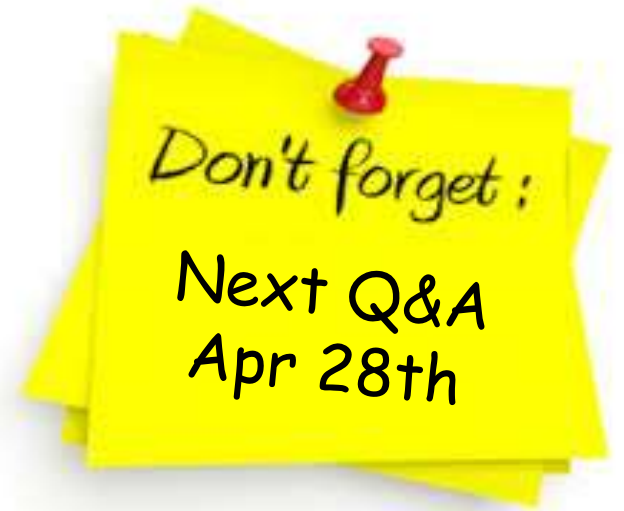
Reduce the Anxiety of Managing Your Passwords Using **#Passwordphrasing**

Monday, June 7, 2021
4:00 pm



Lawrence Patterson

Register at <https://bibliottawalibrary.ca/en/program?text=tech+cafe>



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

