



Alan German & Chris Taylor

Ottawa PC Users' Group

May 18, 2022

Follow-up

The laptop from He!!

- Windows 10 is broken (badly!) on a friend's laptop
- The hard drive is encrypted with Bitlocker
- The Bitlocker password is unknown
- Tried to recover the Bitlocker key from the Microsoft account but the password for that doesn't work
- If I blow away all the disk partitions can I install Windows 10 to the unallocated space using the installation media downloaded from MS's website?



Microsoft



Support

Microsoft 365

Office

Windows

Surface

Create installation media for Windows

Windows 10, Windows 8.1, Windows 7



Why is it broke, and how do I fix it?



- Dell XPS 15 laptop
- Windows 10
- Suddenly, no Internet connection

Now known as the Laptop from He!!

Symptoms:

- Settings - Network & Internet - Status - *Not connected*
- Troubleshoot - Couldn't identify the problem
- Change adapter options - Nothing
- Network and Sharing Center - *You are currently not connected to any networks*
- View hardware and connection properties
 - Ethernet - *Not Present*
 - Wi-Fi - *Not Present*
 - Local Area Connection 1 - *Not Present*
 - Local Area Connection 2 - *Not Present*

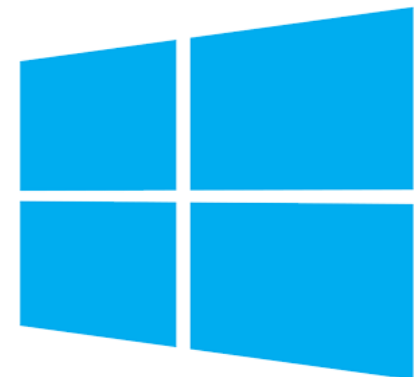
Symptoms:

- Settings - Network & Internet - Status - Not connected
- Troubleshoot - Couldn't identify the problem
- Change adapter options - Nothing
- Network and Sharing Center - *You are currently not connected to any networks*
- View hardware and connection properties
 - Ethernet - *Not Present*
 - Wi-Fi - *Not Present*
 - Local Area Connection 1 - *Not Present*
 - Local Area Connection 2 - *Not Present*
- Asus USB-AC53 Nano Wi-Fi adapter, driver installation of Cisco EAP-FAST never (?) completes



Symptoms (2)

- Start – Left-click – Nothing!
Right-click – Normal context menu
- Start – Right-click – Device Manager –
Unable to create new document
- Settings – Update & Security – Windows Security –
Open Windows Security – Nothing!
- Win-R (Run) mpcmdrun.exe (Windows Defender) –
Windows cannot find mpcmdrun.exe



Next Steps:

- Backup all files in Users folder and OneDrive
- Full disk image using Macrium Reflect Rescue USB
- Chris – Run bootable antivirus scanner
 - Downloaded ClamWin to USB folder
 - Updated virus signatures
 - No malware detected (15 hours)
- Last week, Edward noted that he had no problems installing Windows 10 to a brand new (empty) SSD
- Gparted – Deleted all partitions



A screenshot of the GParted disk partitioning tool. The main window displays a single partition table entry for a 931.51 GB disk. The partition is labeled 'unallocated' with a red exclamation mark icon, indicating it is not formatted. The 'File System' column shows 'unallocated' with a small grey square icon. The 'Used' and 'Unused' columns both show '---'. A mouse cursor is hovering over the 'unallocated' text in the 'File System' column.

Partition	File System	Size	Used	Unused	Flags
unallocated !	unallocated	931.51 GB	---	---	

Next Steps (2)

- Fresh install of Windows 10
 - Download Media Creation Tool to USB
 - Run the tool
 - Download Windows10 installer to USB, creating a bootable USB drive



Your USB flash drive is ready



- Boot laptop from USB drive
- Follow the bouncing ball (prompts)...
(Don't connect to Wi-Fi to avoid MS account!)

Next Steps (3)

- Activation key for Windows 10 **not** requested
- Re-install Office Home & Student 2019
 - Downloading the software requires logging into the associated Microsoft account
 - Recorded password not accepted
 - Reset password; security code sent by SMS
 - Office downloaded and installed
 - Authorization key **was** required to activate
- Restore personal data file (documents, pictures, videos, and downloads) from backup on external USB drive





Share

Bing Wallpaper

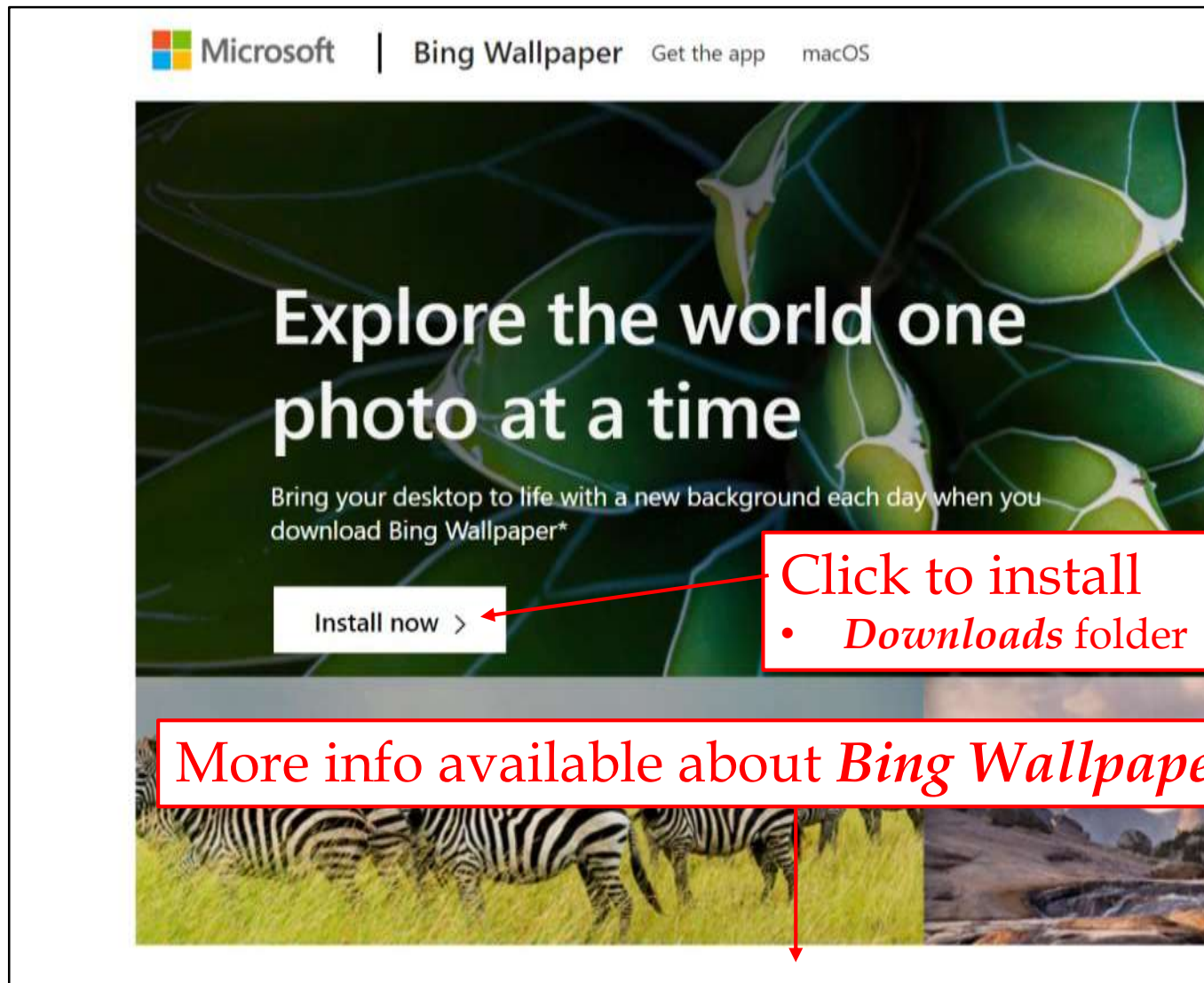
- Daily wallpaper
 - *Explore the world one photo at a time*
 - displays excellent photos from around the world
 - information about the location
 - free

<https://www.microsoft.com/en-ca/bing/bing-wallpaper>

Share

Installation

<https://www.microsoft.com/en-ca/bing/bing-wallpaper>



Click to install

- Downloads folder

More info available about *Bing Wallpaper* below

Share

Sneaky Microsoft

- uncheck boxes

Pretty pictures are just
the beginning

- ☒ Set Microsoft Bing as my homepage
- ☒ Set Microsoft Bing as my default search provider

Applies to:

Internet Explorer, Microsoft Edge, Mozilla Firefox &
Google Chrome

No thanks

Install now

Click

By clicking "Install now" you agree to the [Microsoft service agreement](#) and [Privacy policy](#).

Share

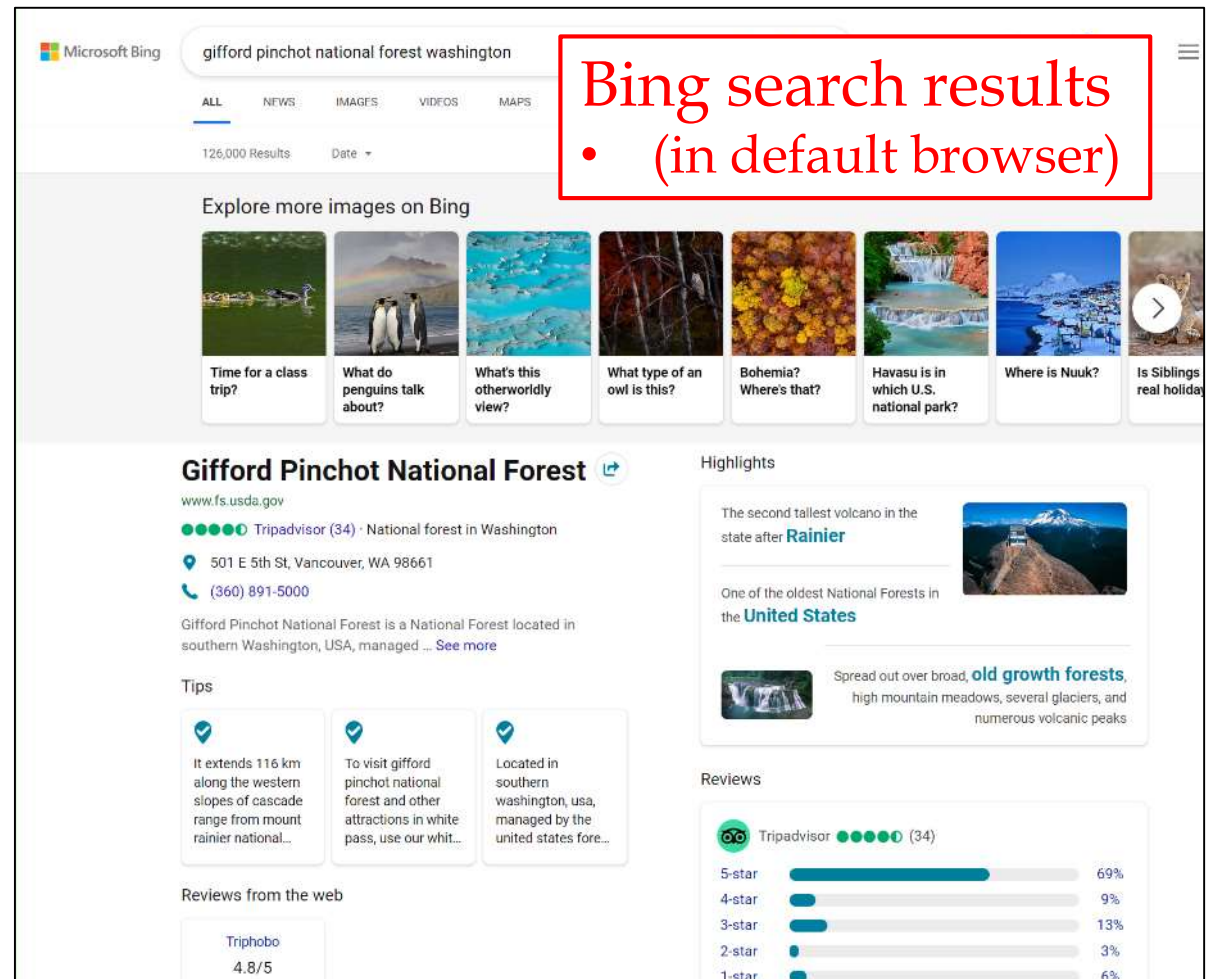
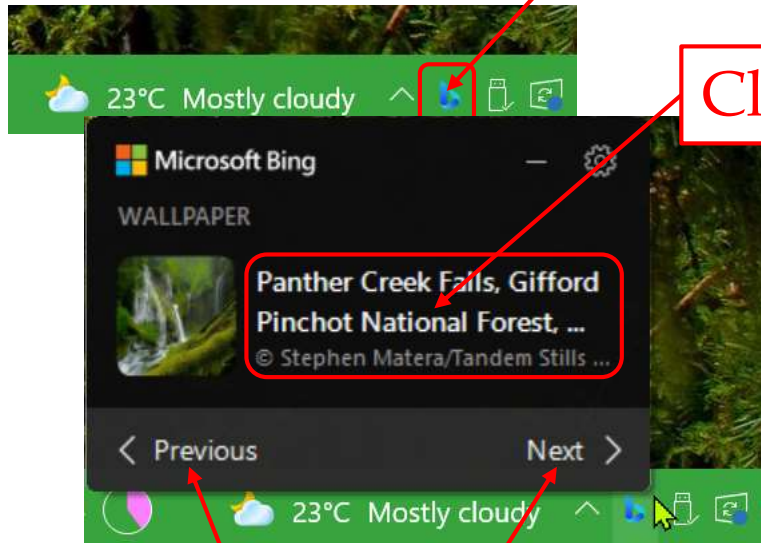
Tray icon

Click tray icon

Click title for more info

Bing search results
• (in default browser)

Browse other
days' images



Share

Cool images





Android Alarms

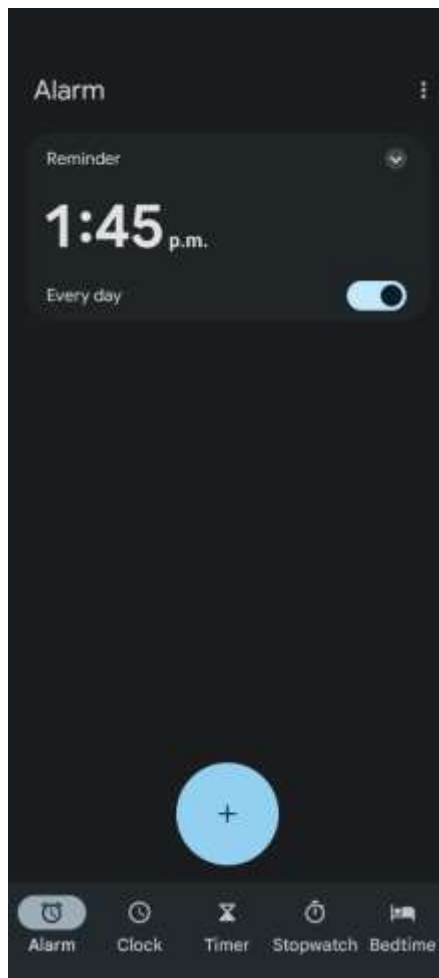
- By default Android alarms ring
 - steady at global setting for *Alarm volume*
 - until you stop alarm or 10 minutes
- I want alarms to
 - slowly raise in volume
 - silence themselves after 1 minute



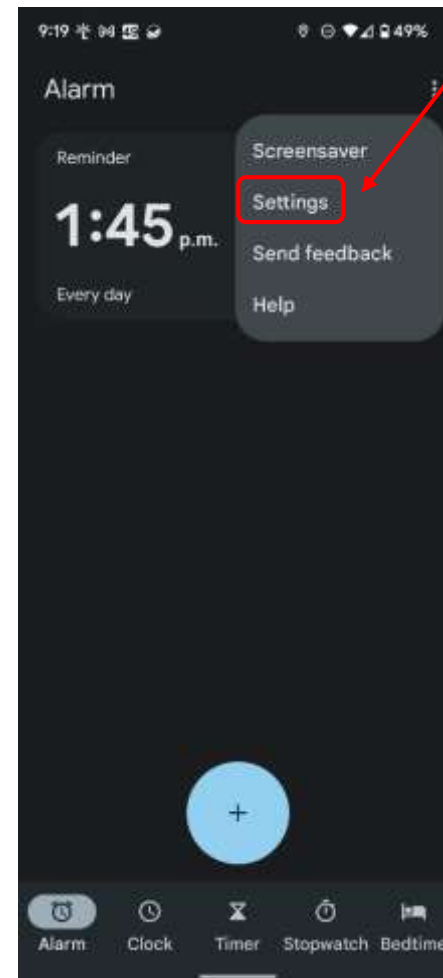


Android Alarms

Run *Clock* app



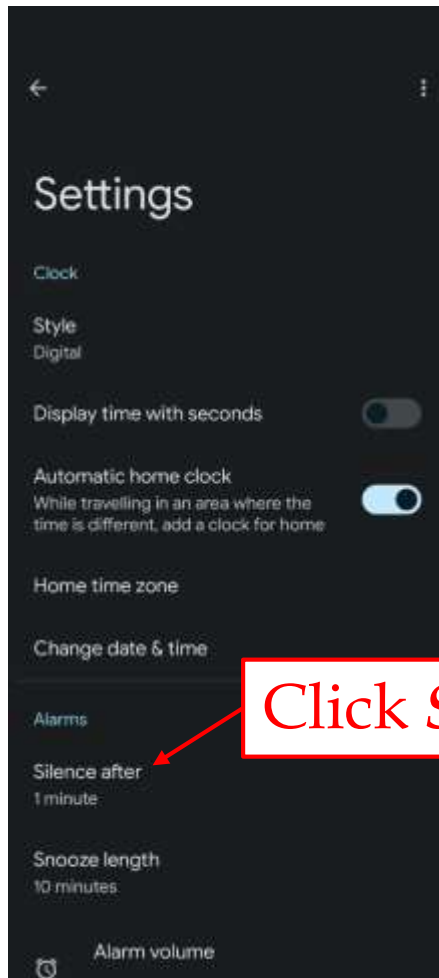
Click 3 dots



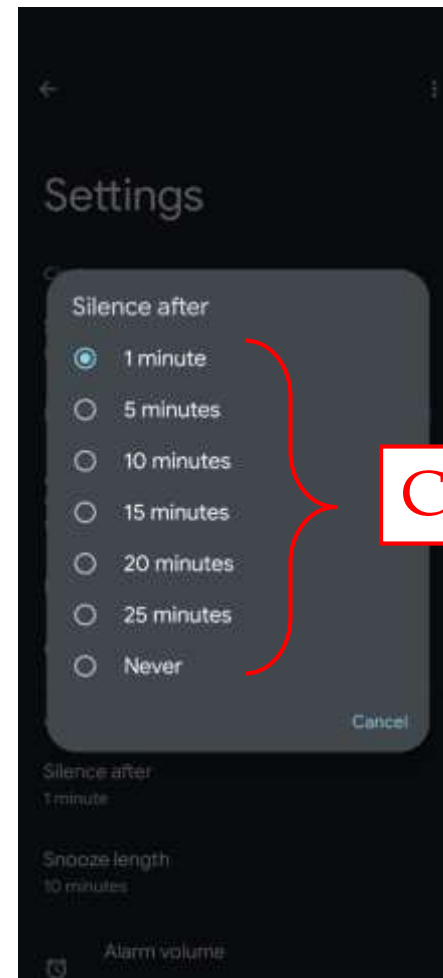
Click *Settings*



Android Alarms



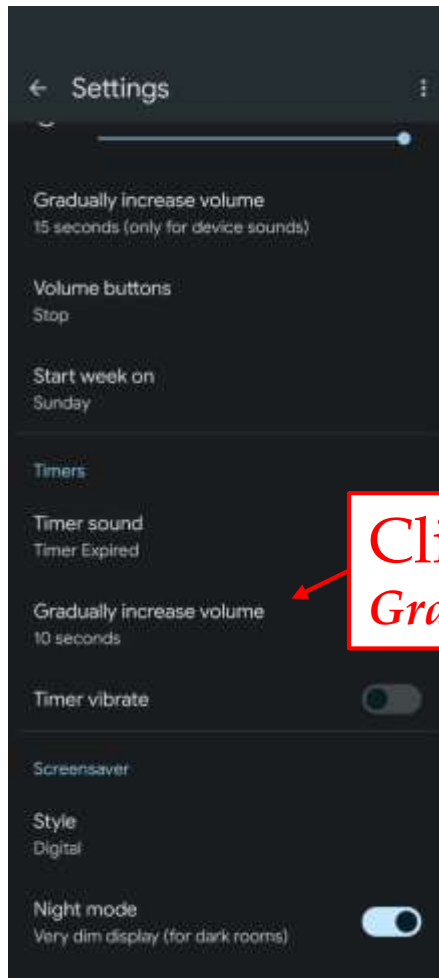
Click *Silence after*



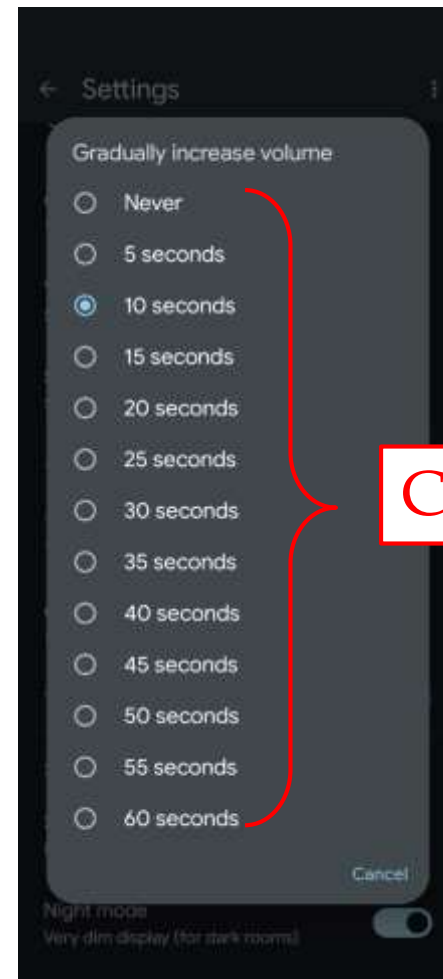
Choose timing



Android Alarms



Click
Gradually increase volume



Choose timing



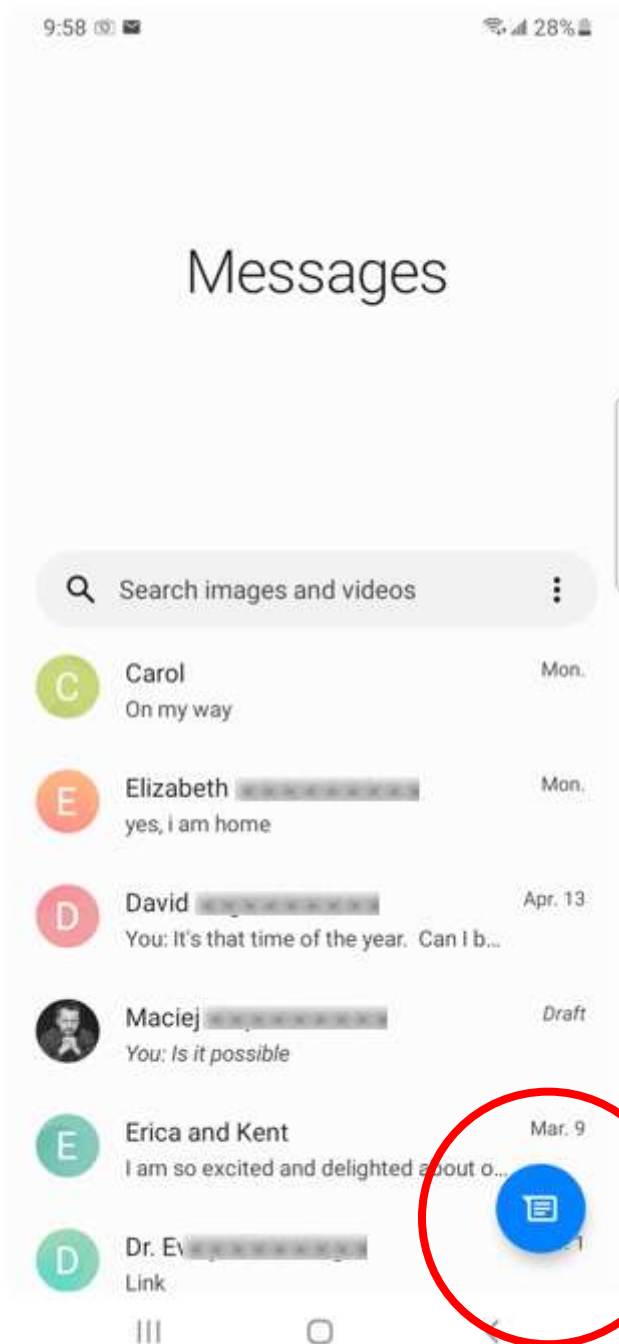
How do I...

12. Send and receive texts (SMS/MMS)?

SMS = Short Message Service

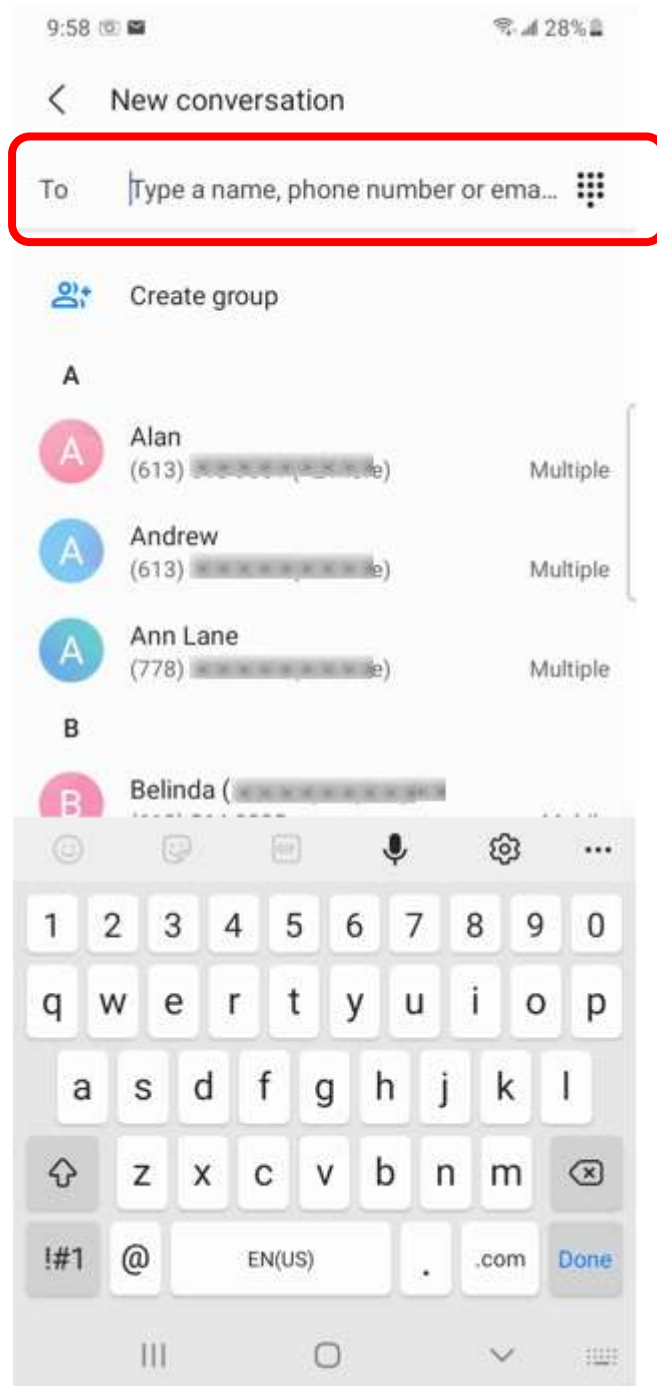
MMS = Multimedia Messaging Service





Create a new message

Two options:

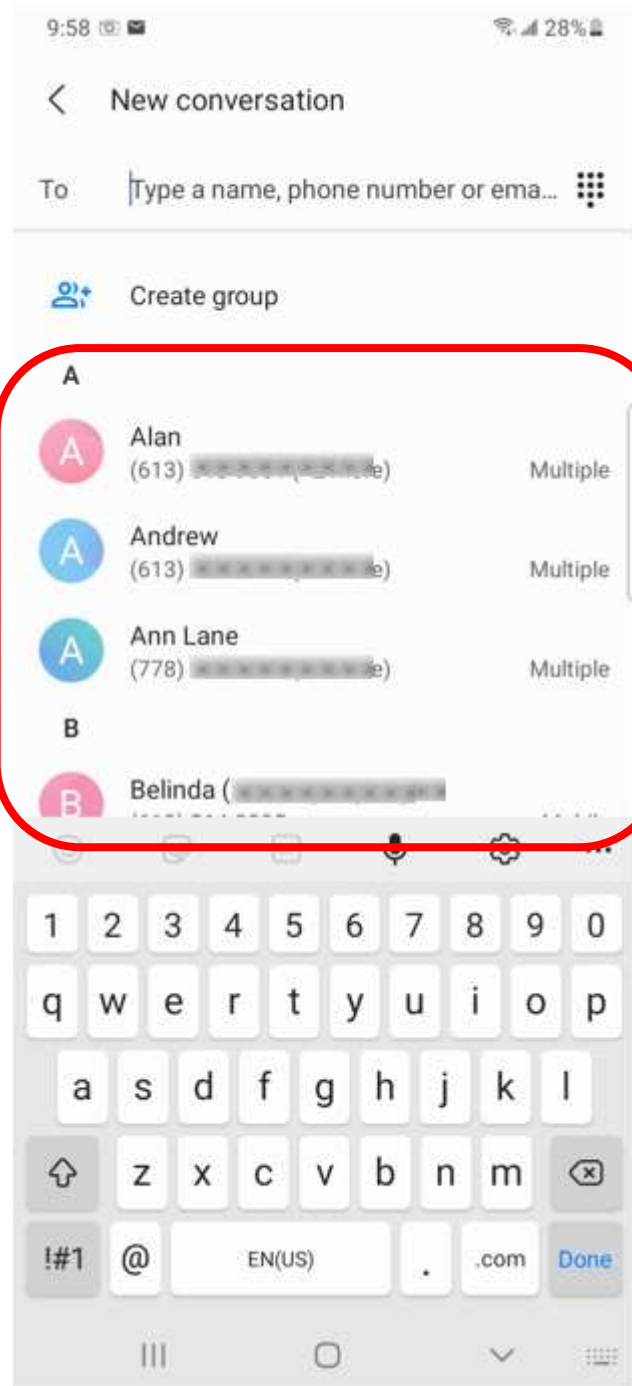


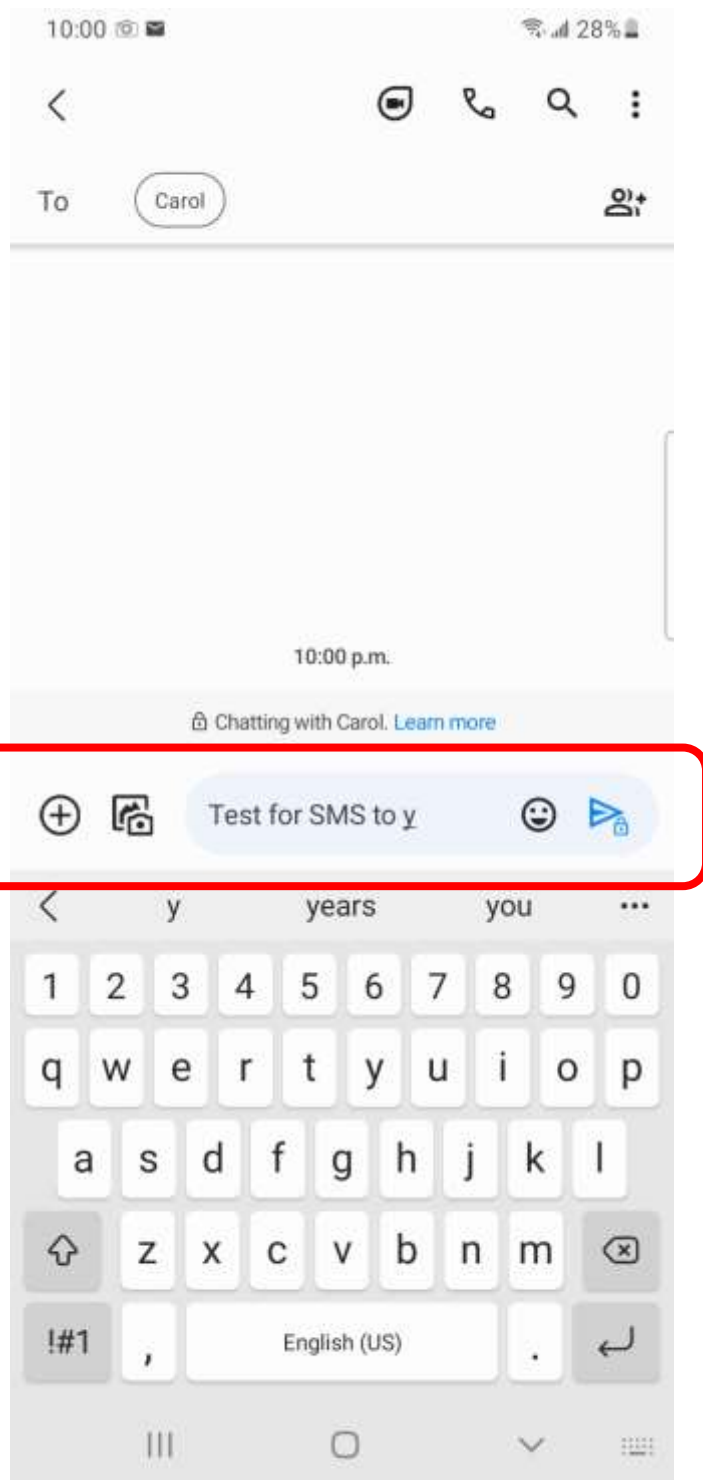
**(1) Usually, enter the number of a smartphone
(Entering a name or an Email address searches Contacts)**

Two options:

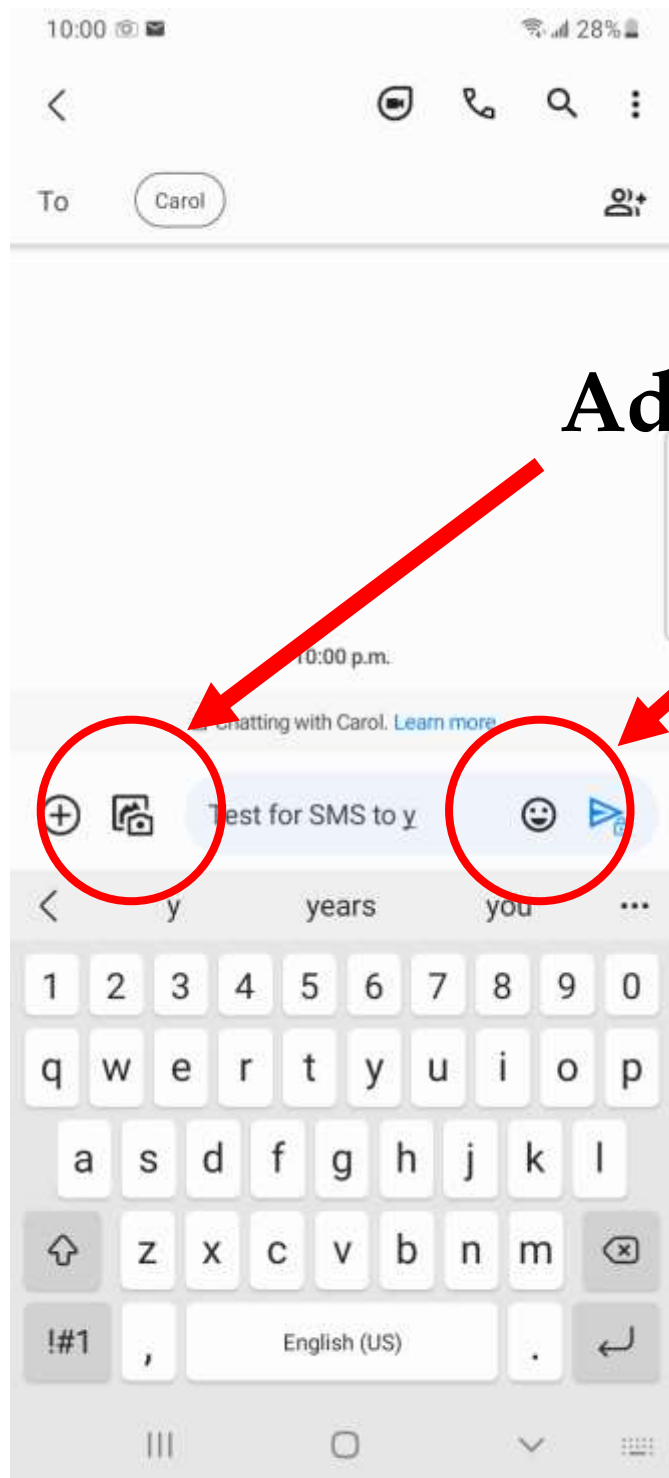
**(1) Usually, enter the number of a smartphone
(Entering a name or an Email address searches Contacts)**

(2) Select a Contact



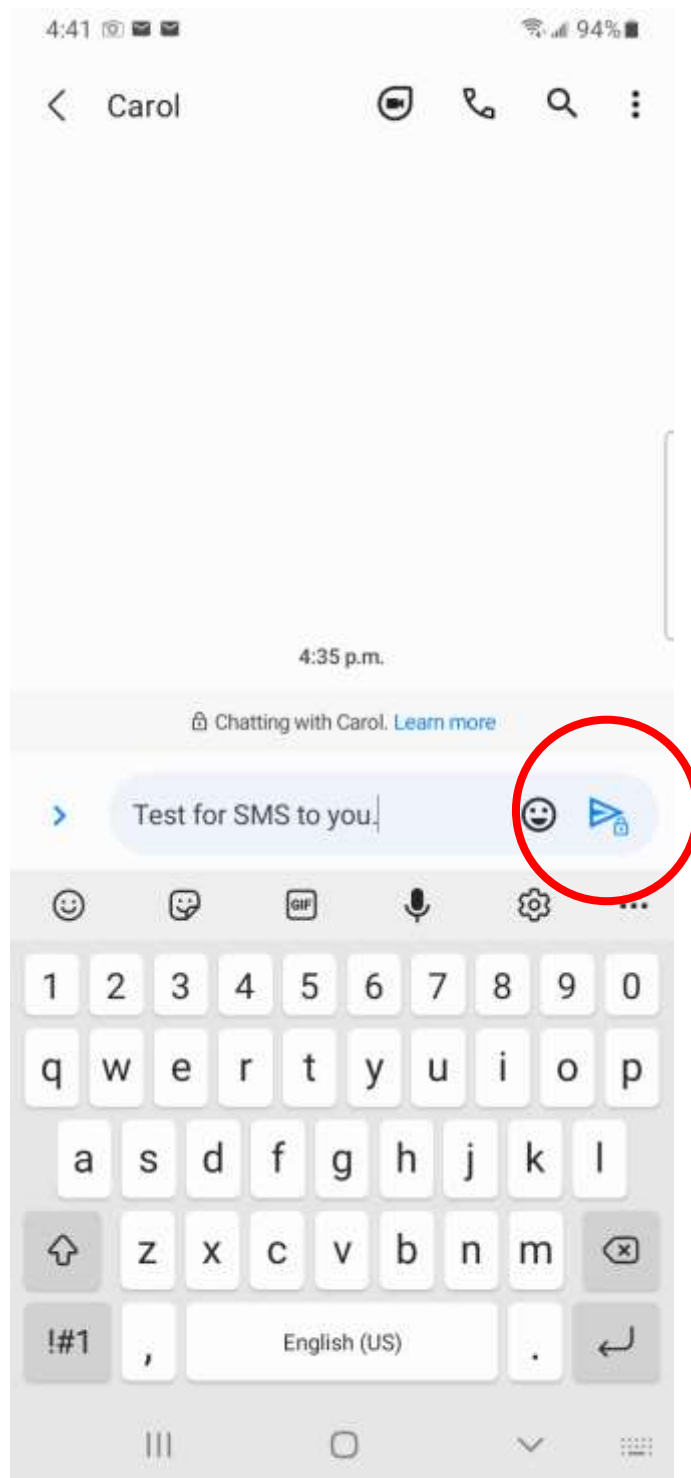


Enter the message text

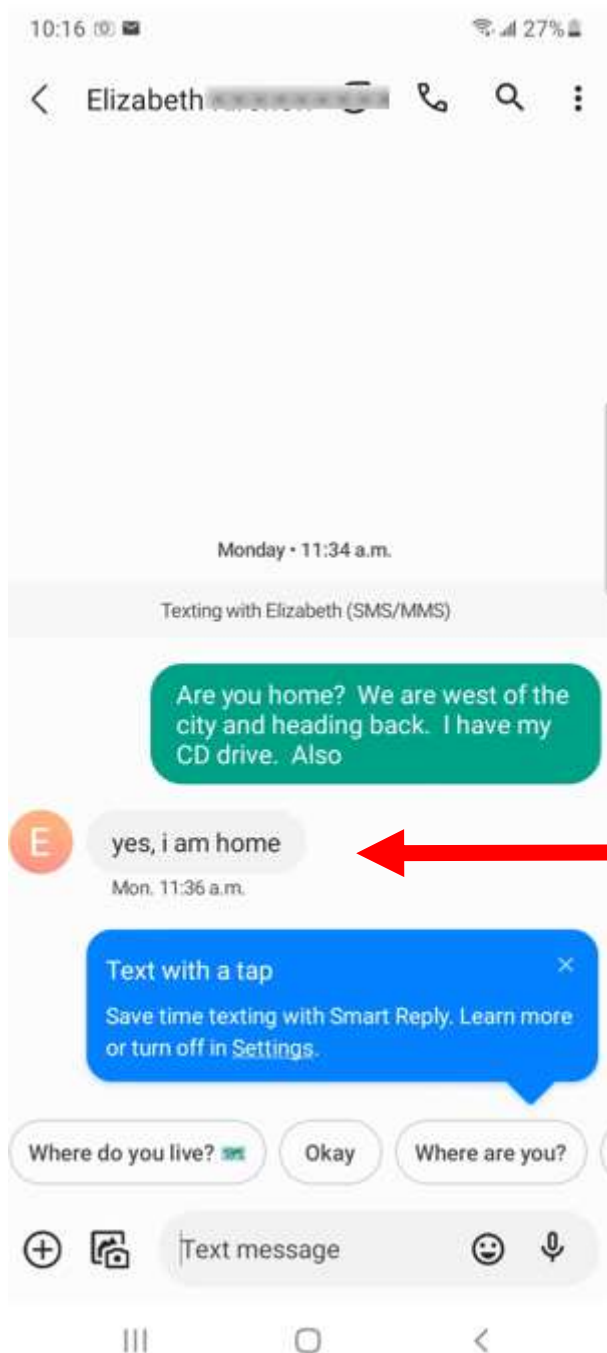


Add digital image (MMS)

Add emoji



Send completed message



← Sent message

← Reply received

Share

Wire transfer frustrations

- Sold used camera lens to MPB in the U.S.
 - pay through direct deposit to a bank account
- Problem
 - SWIFT is used for international money transfers
 - *Society for Worldwide Interbank Financial Telecommunications*
 - my financial institution (Alterna Savings) only operates in Ontario
 - SWIFT transfers have to go through a “correspondent bank”
 - Alterna uses *RBC Royal Bank*



Share

MPB not using SWIFT correctly

- MBP couldn't seem to make it work
- Worked with them for a month
 - transfer kept getting rejected
 - I believe they kept trying:
 - to transfer directly to Alterna, or
 - transfer to RBC as if I had an account at RBC
 - MPB should have;
 - sent payment to *correspondent bank* (RBC Royal Bank)
 - included
 - SWIFT field 57 for *beneficiary bank* (Alterna)
 - SWIFT field 59 for my account at Alterna



Share

Solution

- Opened an account with TD Canada Trust
 - all major banks can accept SWIFT payments directly
 - payments don't go through a *correspondent bank*
- Provided new payment details to MPB
- Payment in TD Canada Trust account < 24 hours
- Lesson learned
 - SWIFT *should* have worked with Alterna
 - international wire transfers are easier with major banks
- Will keep TD Canada Trust account for future international wire transfers



Share

Merlin Bird ID by Cornell Lab



Breeding males are entirely blue with a slightly darker head. Females are plain brown with a whitish throat, bluish tail, and faint streaks on



Merlin Bird ID by Cornell Lab

Cornell Lab of Ornithology Books & Reference

★★★★★ 19,196

Everyone

<https://play.google.com/store/apps/details?id=com.labs.merlinbirdid.app>

2:13

54%



ID Help: 8,500+ Species



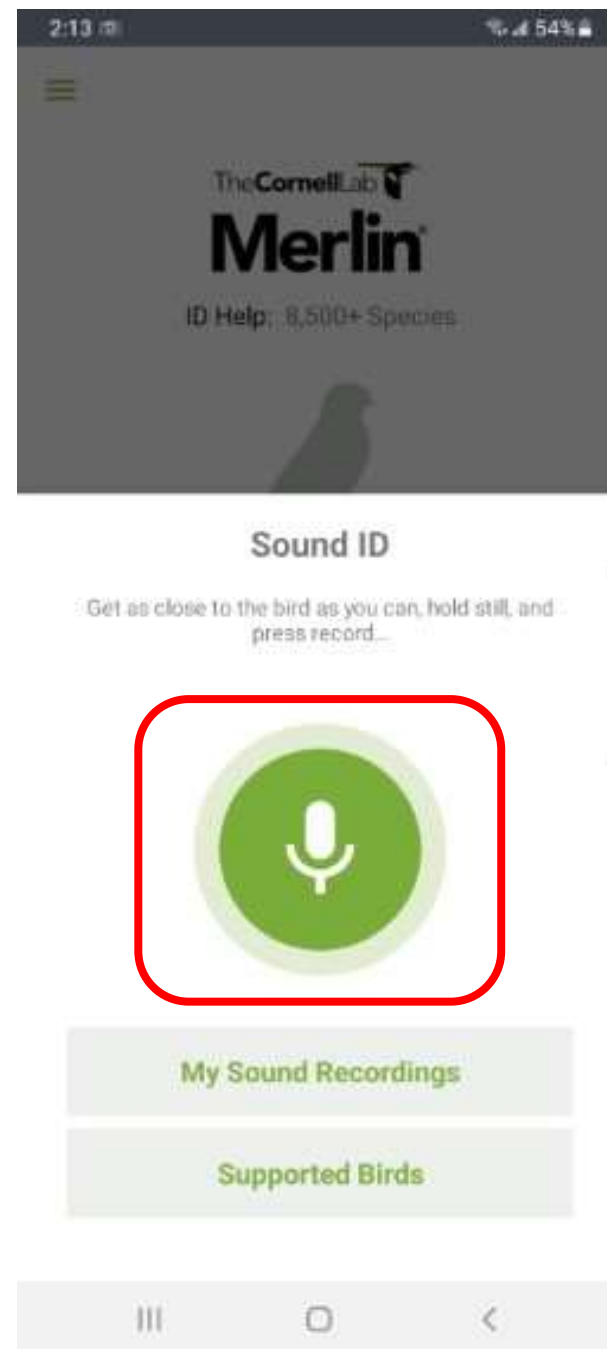
Start Bird ID

Get Photo ID

Sound ID

Explore Birds





2:15

53%

18 May -



BEST MATCHES



American Crow



American Robin



Black-capped Chickadee



Common Loon



01:46.5



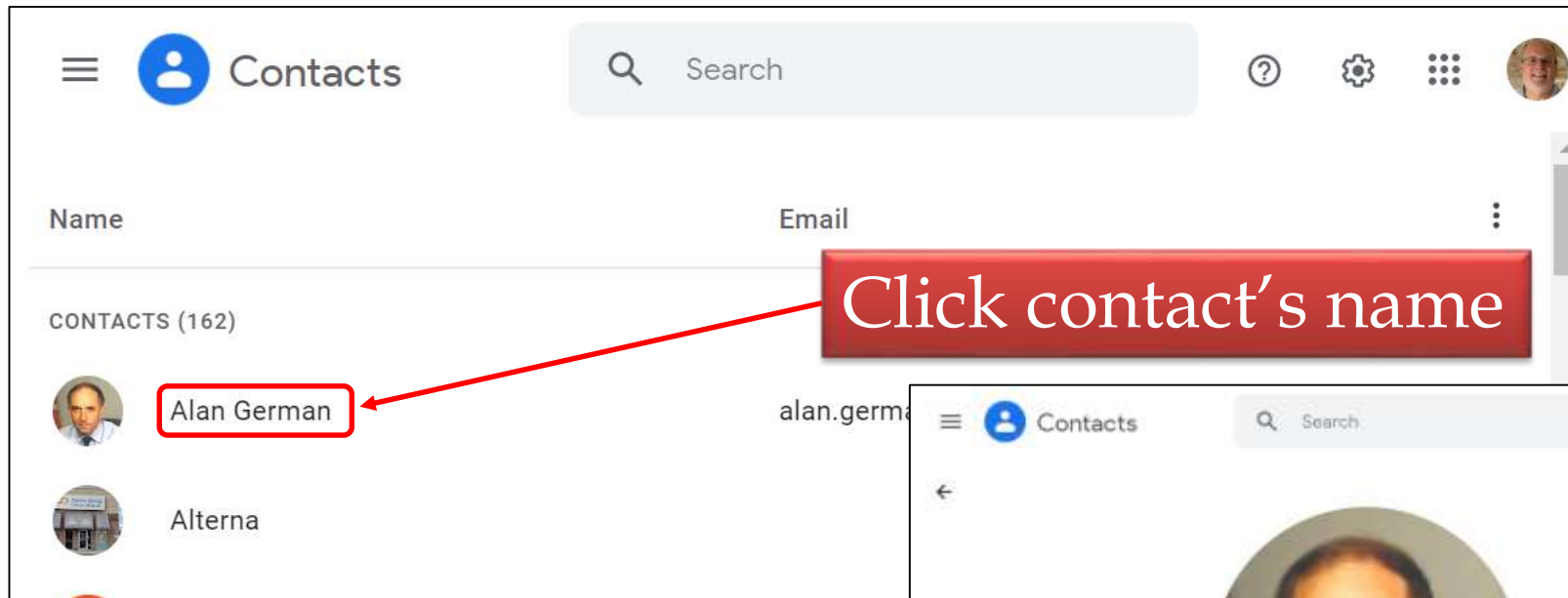


Can I remove a contact picture?

- Trying to get rid of a creepy photo attached to one of my Google contacts
- Tried
 - deleted creepy picture
 - it reappeared soon afterwards
 - deleted contact
 - made a new entry for that person
 - same photo appeared
- How can I get rid of creepy photo attached to the contact?

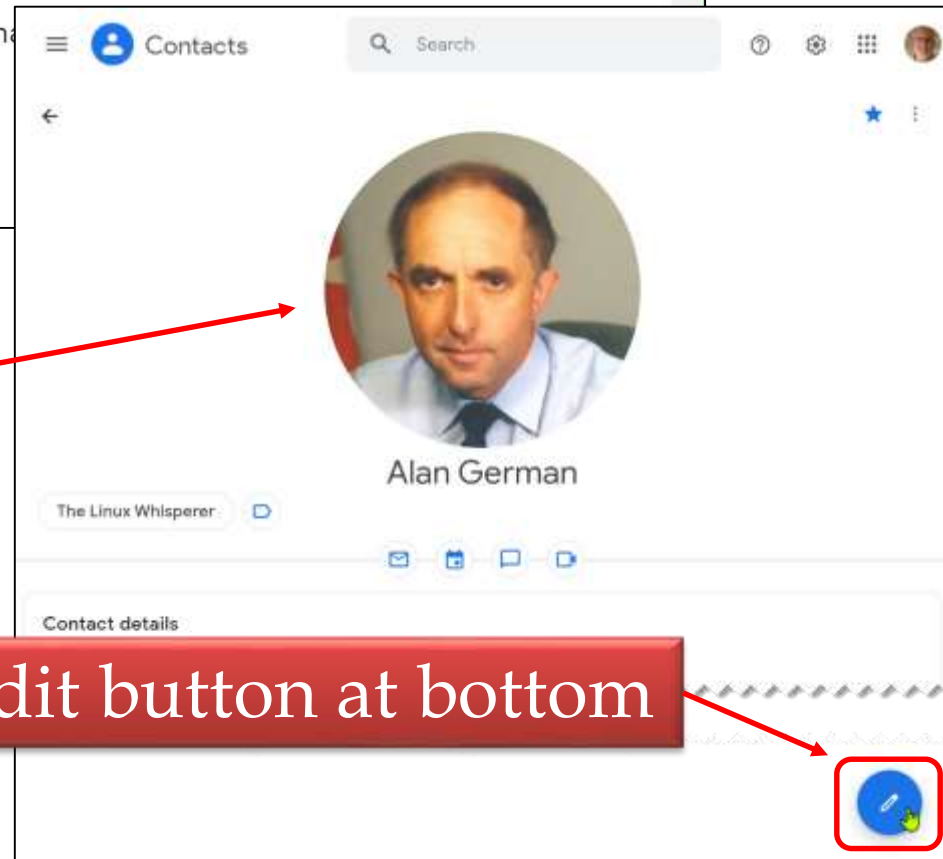
A

Browse to <https://contacts.google.com>



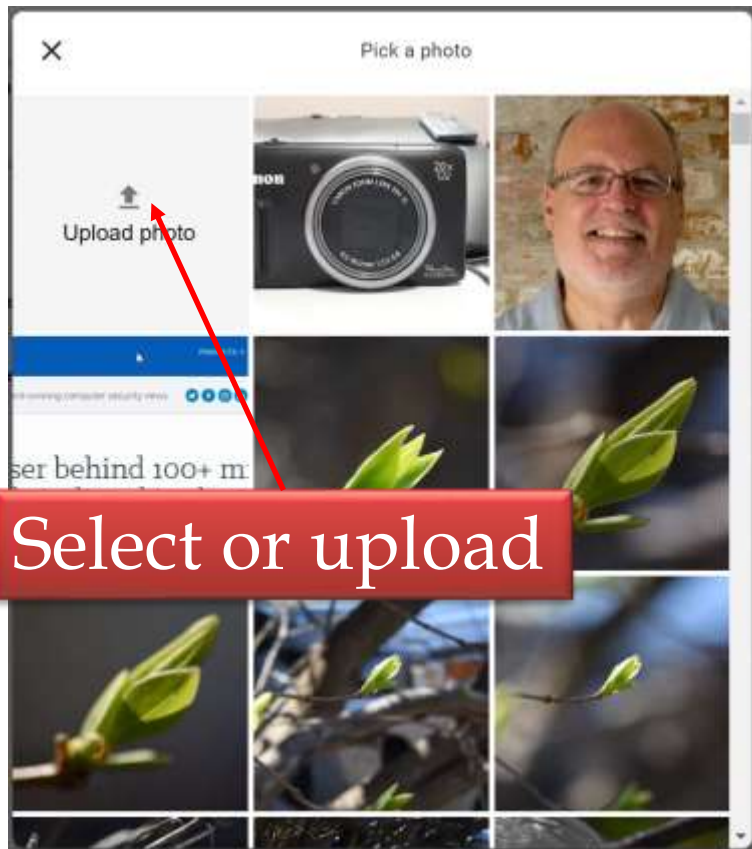
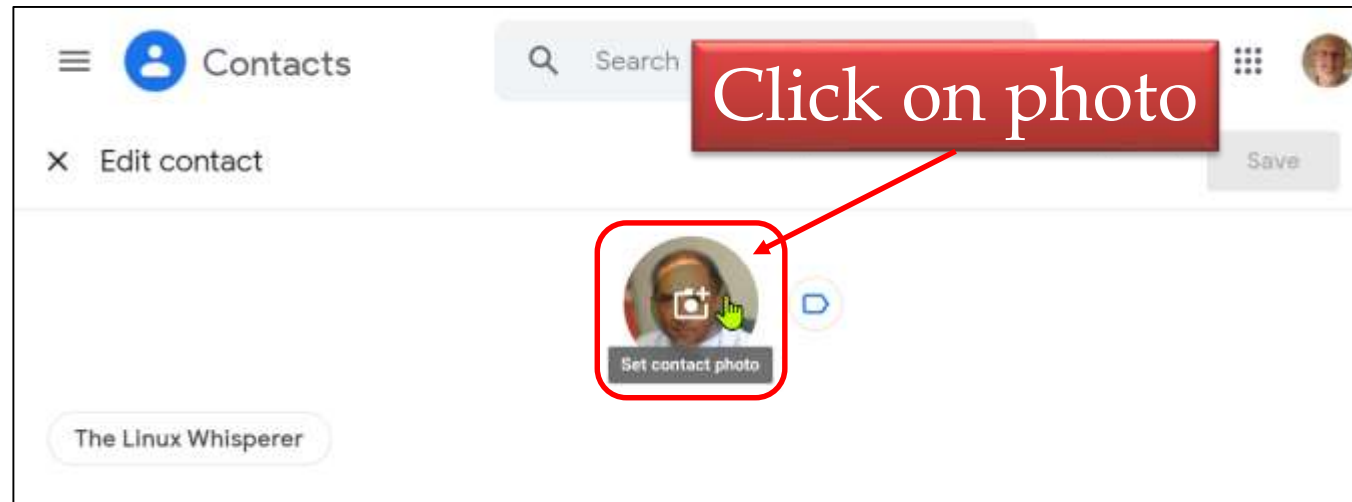
Click contact's name

Creepy photo!

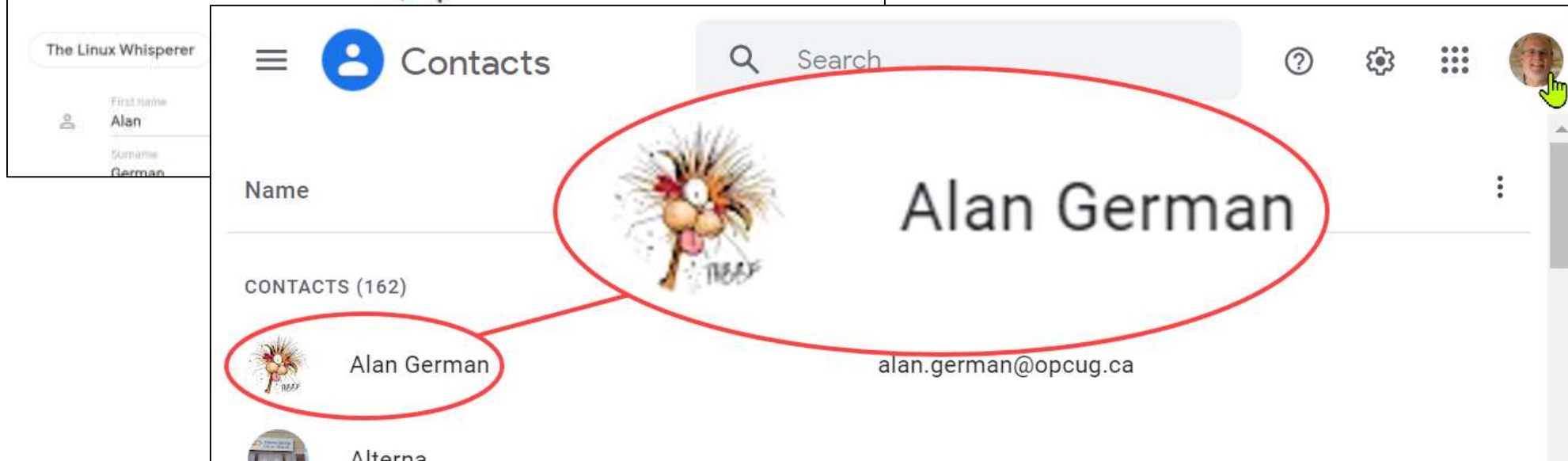


Click edit button at bottom

A

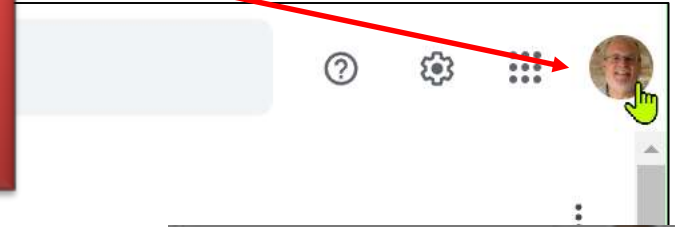


A



A To change your own profile pic

- Click your profile pic in top-right
- or browse to <https://myaccount.google.com/>



Name

Email

CONTACTS (162)

erman

alan.german@opcug.ca



Chris Taylor

christopher.john.taylor@gmail.com

Manage your Google Account

- Click camera on profile pic
 - may need to select *Manage your Google Account*

×

⋮

Profile picture

A picture helps people to recognise you and lets you know when you're signed in to your account

👤 Visible across Google services. [Learn more](#)



Click *Change*

✎ Change

🗑 Remove

Privacy policy • Terms of service

Video and Audio Tools Series

- How to download videos and audio from YouTube using Video DownloadHelper
- ➔ • How to download or capture videos using Debut Video Capture and Screen Recorder Software
- How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- How to edit the tags (metadata) for your MP3's

Last session we looked at Video DownloadHelper, which enables you to download complete videos, or just the audio portions of videos, from YouTube and sites using similar technology.

This session we'll look at NCH Debut Video Capture and Screen Recorder Software, which enables you to record pretty much any video that shows on your screen.

NCH Debut Video Capture and Screen Recording Software

Among other things, NCH's Debut can:

- Record the video from your entire screen or a selected portion of your screen.**
- Allow you to adjust color settings & add video effects.**
- Record your webcam or act as a webcam overlay.**
- Add captions, timestamps and text overlays to your video.**
- Capture from several sources including network IP cameras and other devices.**
- Schedule recordings for automatic video capturing.**

Debut Features & Functionality



Record
webcam



Record
external devices



Record
computer screen



Record
streaming video



Record
gameplay



Download Debut Video Recorder Software for Windows

Video Capture Features

- ▶ Record videos as **avi, wmv, flv, mpg, mp4, mov** and more video formats
- ▶ Capture video from a webcam, network IP camera or video input device (e.g., VHS recorder)
- ▶ Screen capture software records the entire screen, a single window or any selected portion
- ▶ **Mouse highlighting** spotlights the location of the cursor when using screen recorder
- ▶ Ability to show keystrokes in screen recordings
- ▶ Record audio from your microphone and speakers with your video; ideal for recording video conferences and webinars
- ▶ Laptop camera recording and video capture
- ▶ Replace background with image, video or solid color using Green Screen tool
- ▶ Record video alone or video and audio simultaneously
- ▶ Add your own text captions or time stamp your video
- ▶ Add logo or watermark on your video capture
- ▶ Change color settings and video effects before recording
- ▶ Adjust the video resolution, size and frame rate for capture
- ▶ Use video overlay to **record your screen and webcam** simultaneously
- ▶ Upload videos directly to YouTube, Vimeo or Flickr
- ▶ Burn recordings directly to DVD with [Express Burn Disc Burner](#)
- ▶ Time lapse video recording
- ▶ Create photo snapshots of a video at any time
- ▶ Create screencast videos easily
- ▶ Edit your recorded video with [VideoPad Video Editor Software](#)

Info from <https://www.nchsoftware.com/capture/index.html>

Debut Video Capture and Screen Recording Software

Debut can do many things.

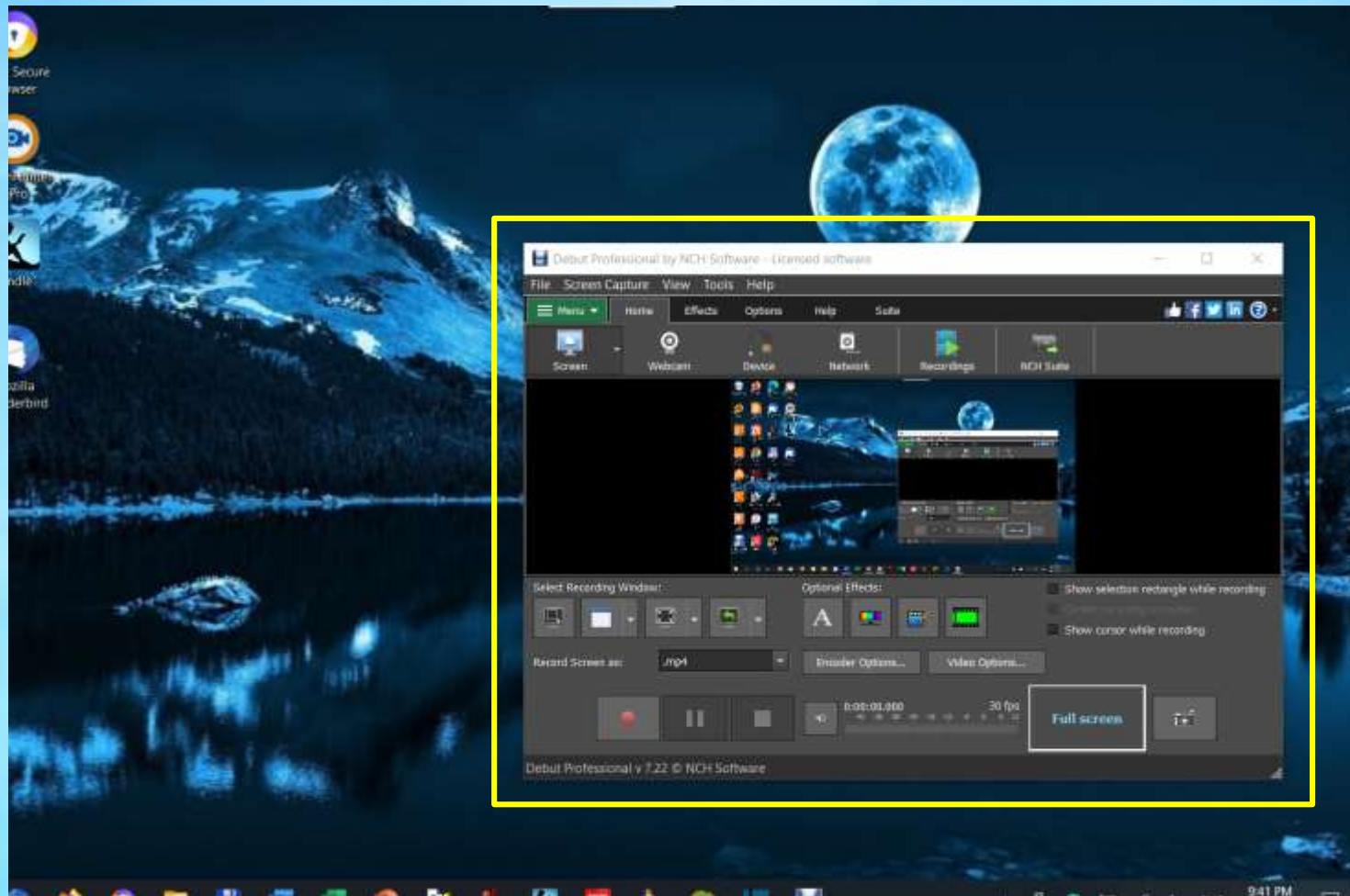
We'll focus on the basics of using Debut to record the video from your entire screen or just a portion of it.

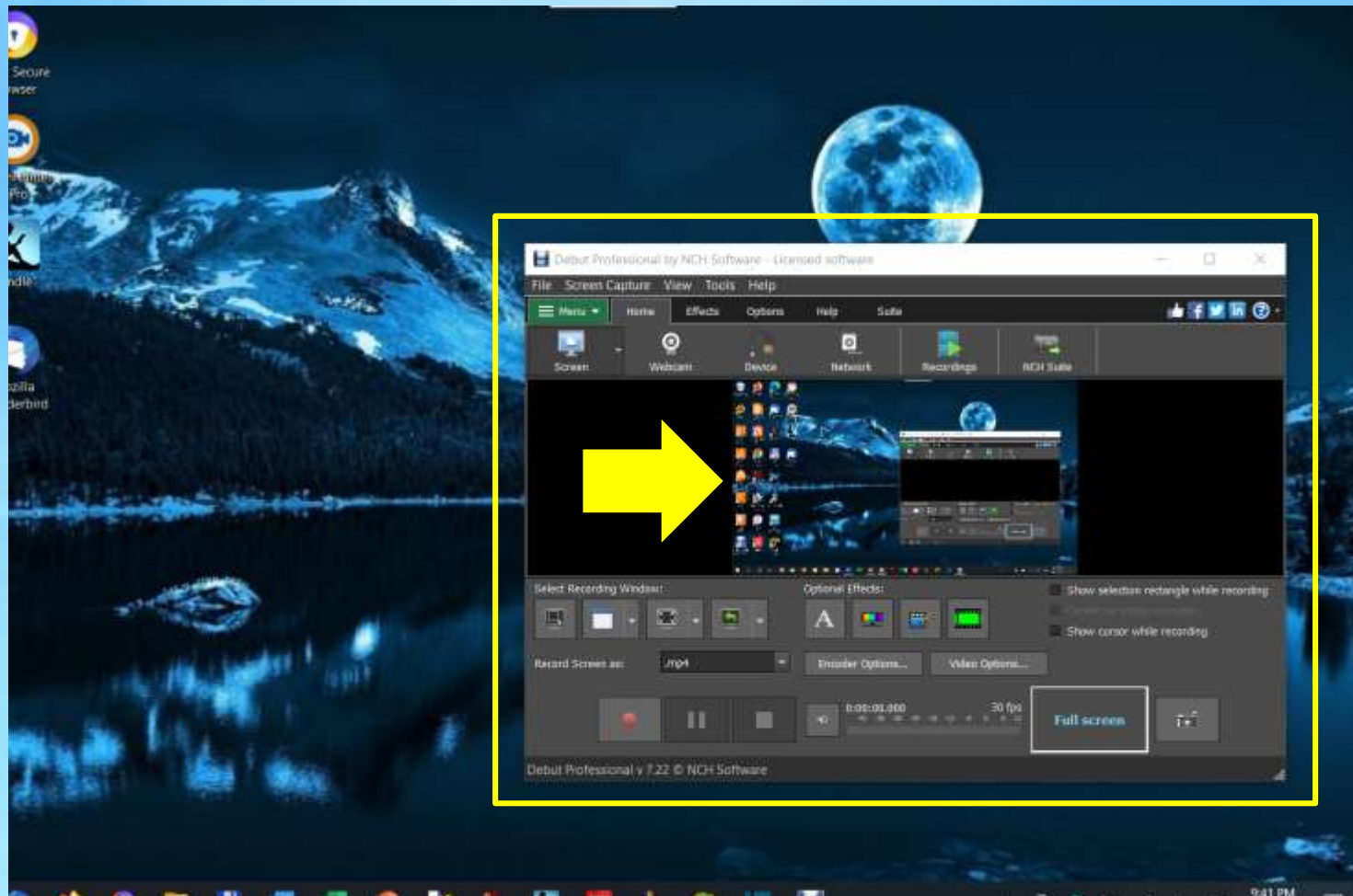
Before you start, right click on the video you want to capture and see if there is an option to *'Copy Video URL'*.

If there is, click on it, then paste the URL into a text editor, word processor, your browser's URL bar or other suitable place to view the URL.

If it is a YouTube URL, then Video DownloadHelper might be a more appropriate way to get the video.

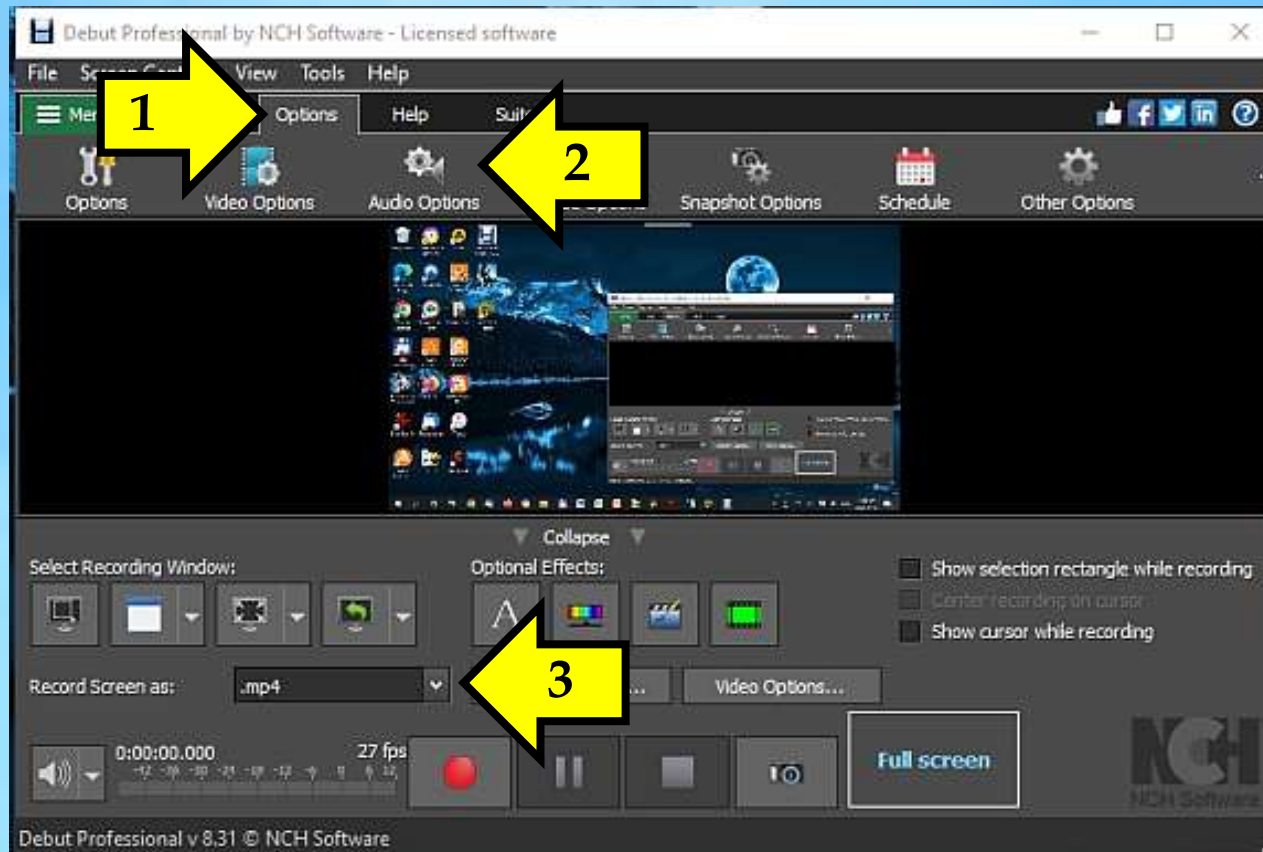
The Debut User Interface





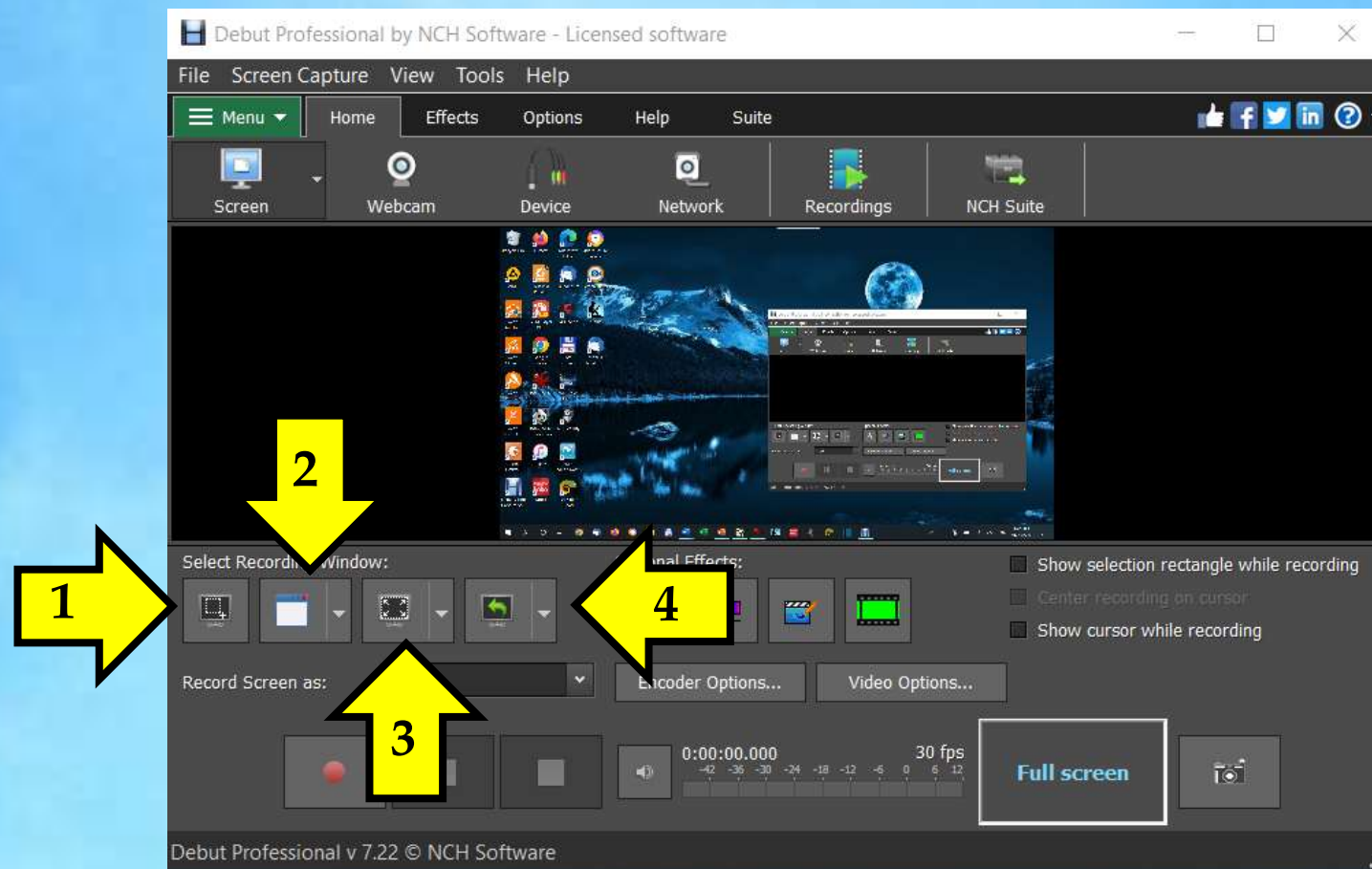
- Start Debut from the start menu, desktop or taskbar. This will place an active icon on the taskbar.
- If it starts fullscreen or minimized, resize to part screen. Since most videos are to the left of the screen, move the Debut window to the right of the screen so you can see part of the video window.

The yellow arrow shows what Debut 'sees' when in fullscreen record mode



Initial App Setup

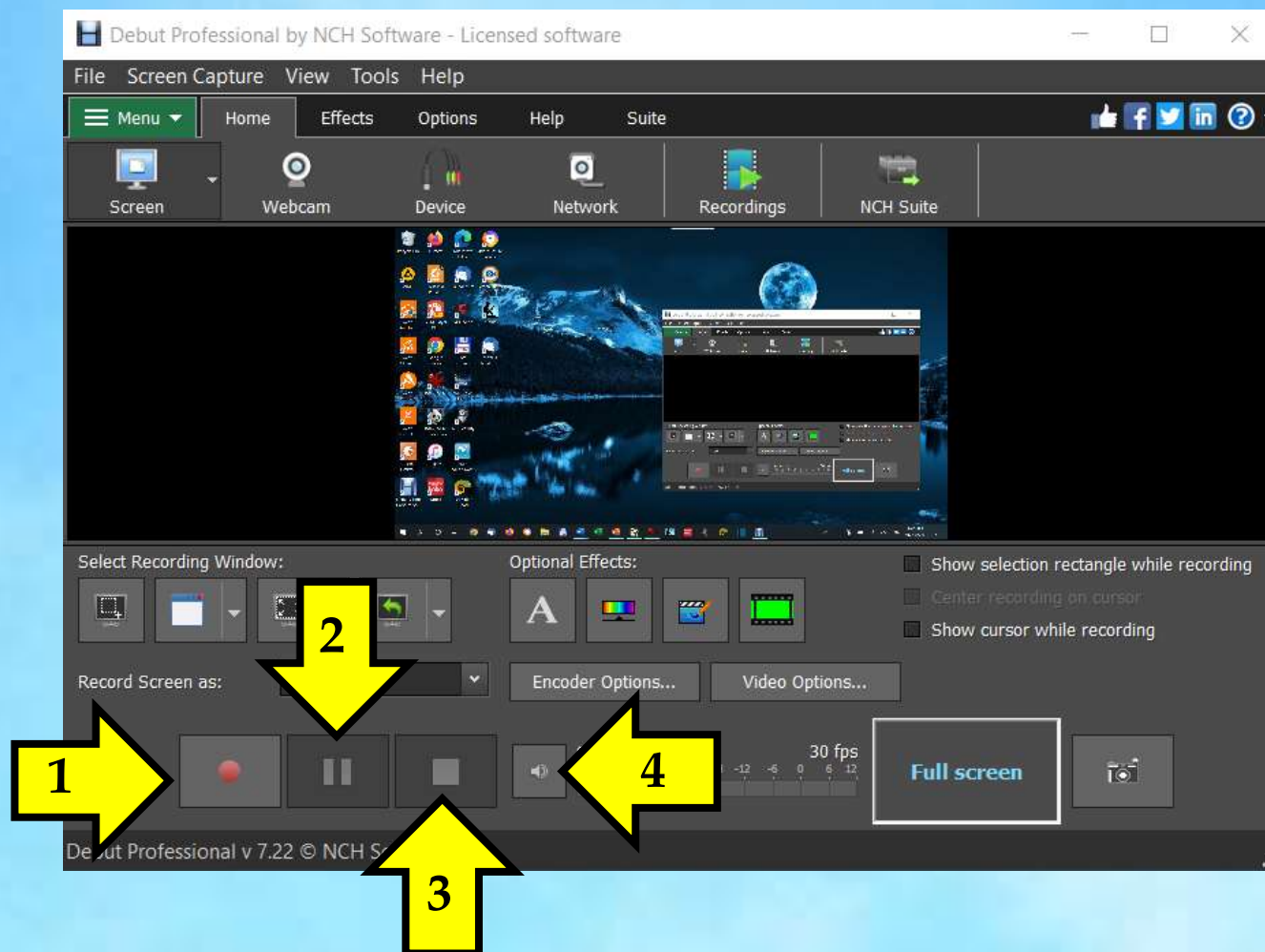
- Click on (1) Options, then (2) Audio Options. De-select 'Microphone', make sure 'Speakers' is selected.
- Click on the (3) menu arrow in the 'Record Screen As' box, and select the video output format you want (MP4 is best to start).



Setup Buttons for Recording

1. 'Draw a selection rectangle using mouse'
2. 'Selects the window under the mouse cursor'
3. 'Select the entire virtual desktop'
4. 'Select previous window area selections'

We'll be using 1 and 3.

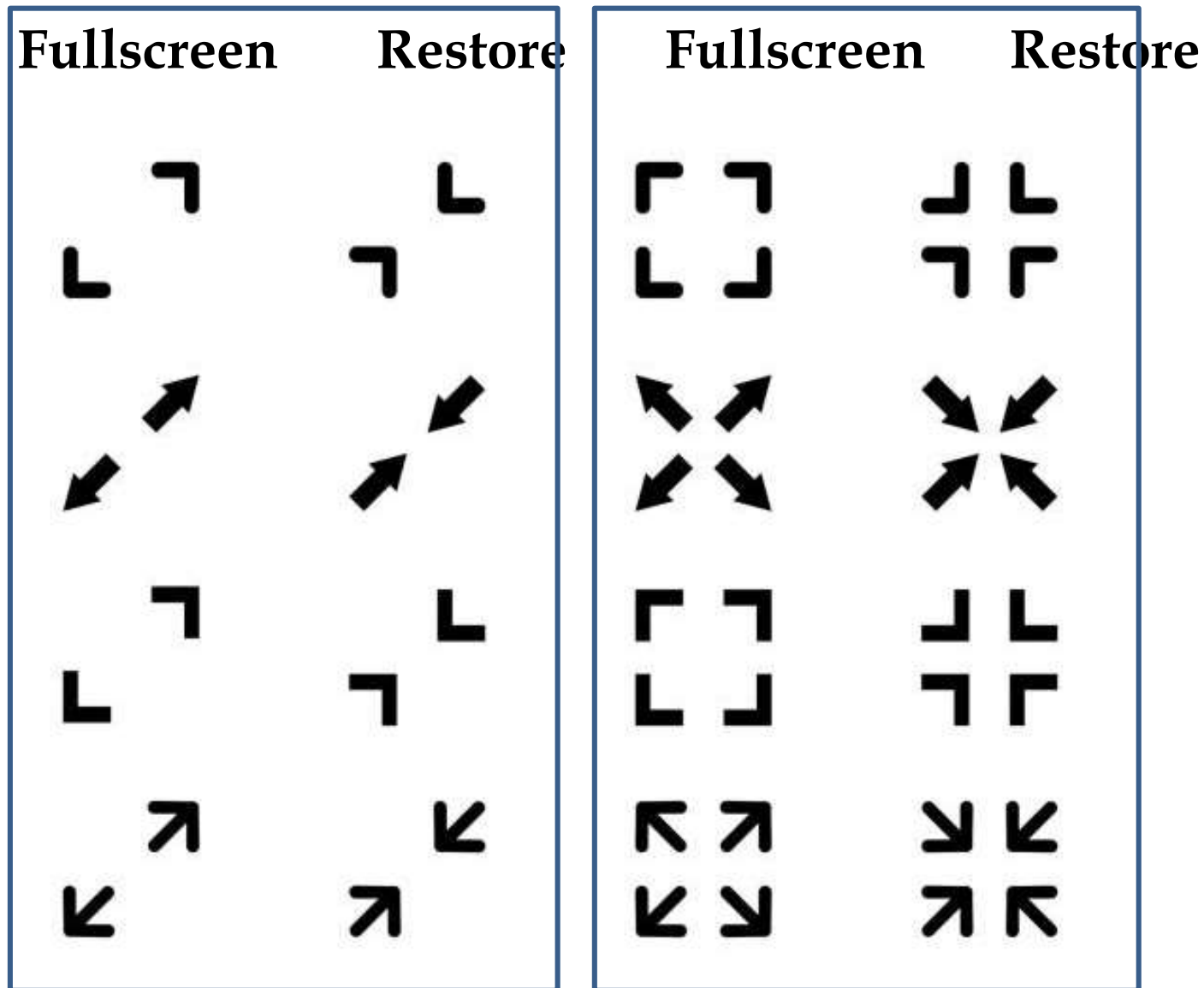


Action Buttons for Recording

1. 'Record' (F5 or Ctrl-F9*)
2. 'Pause Recording' (F6*)
3. 'Stop Recording' (F7*)
4. 'Capture a Snapshot' (F8 or Ctrl-F12*)

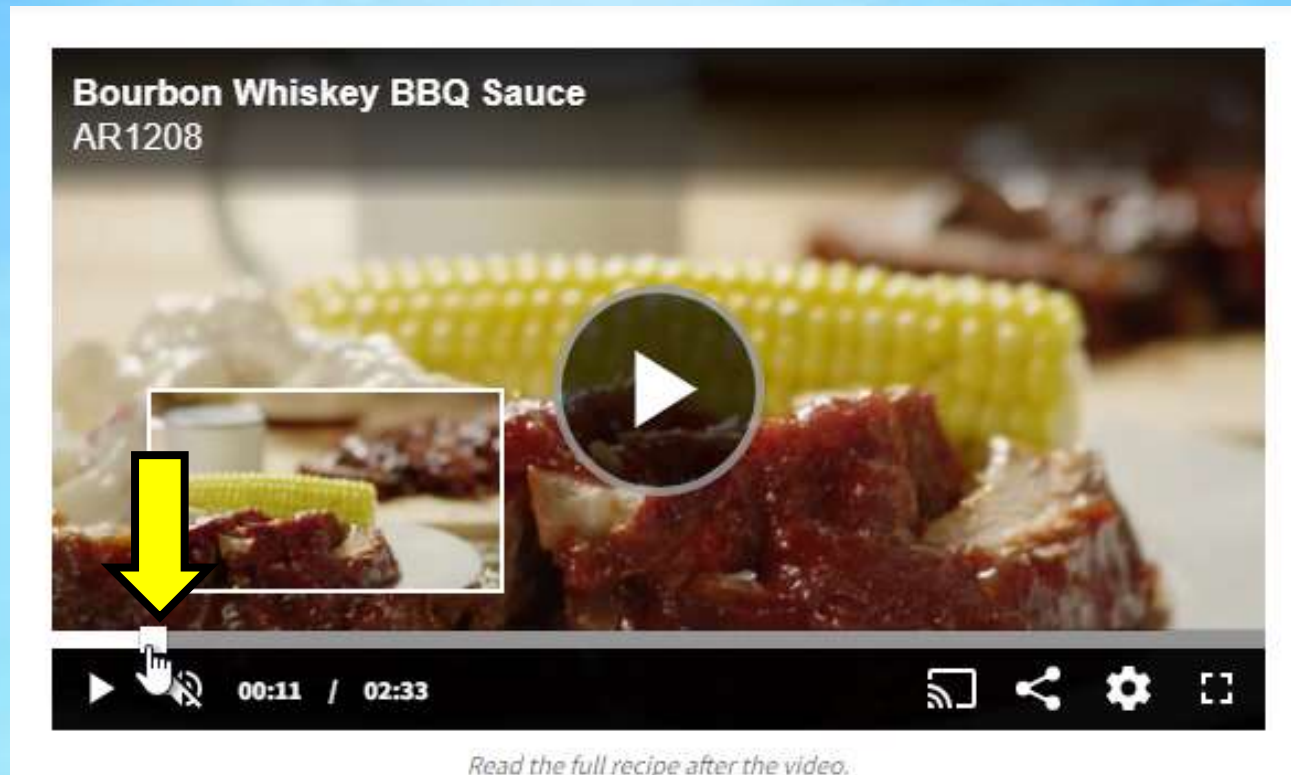
* - Note: Keyboard shortcuts can sometimes conflict with shortcuts for other active

Fullscreen/Restore Icons

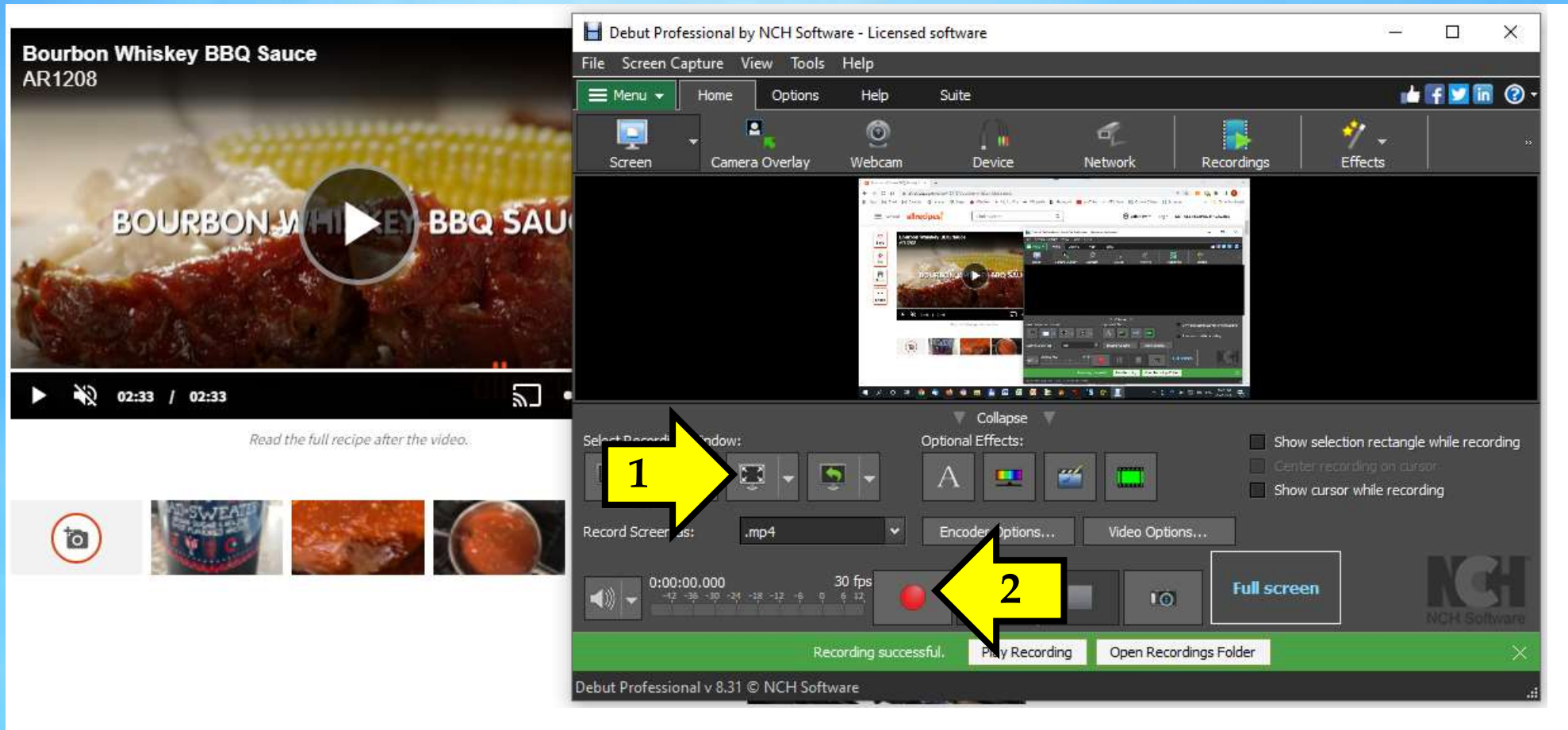


Most videos will have a 'Fullscreen' icon, usually in the lower right corner. Once you make the video Fullscreen, the icon becomes a 'Restore' icon

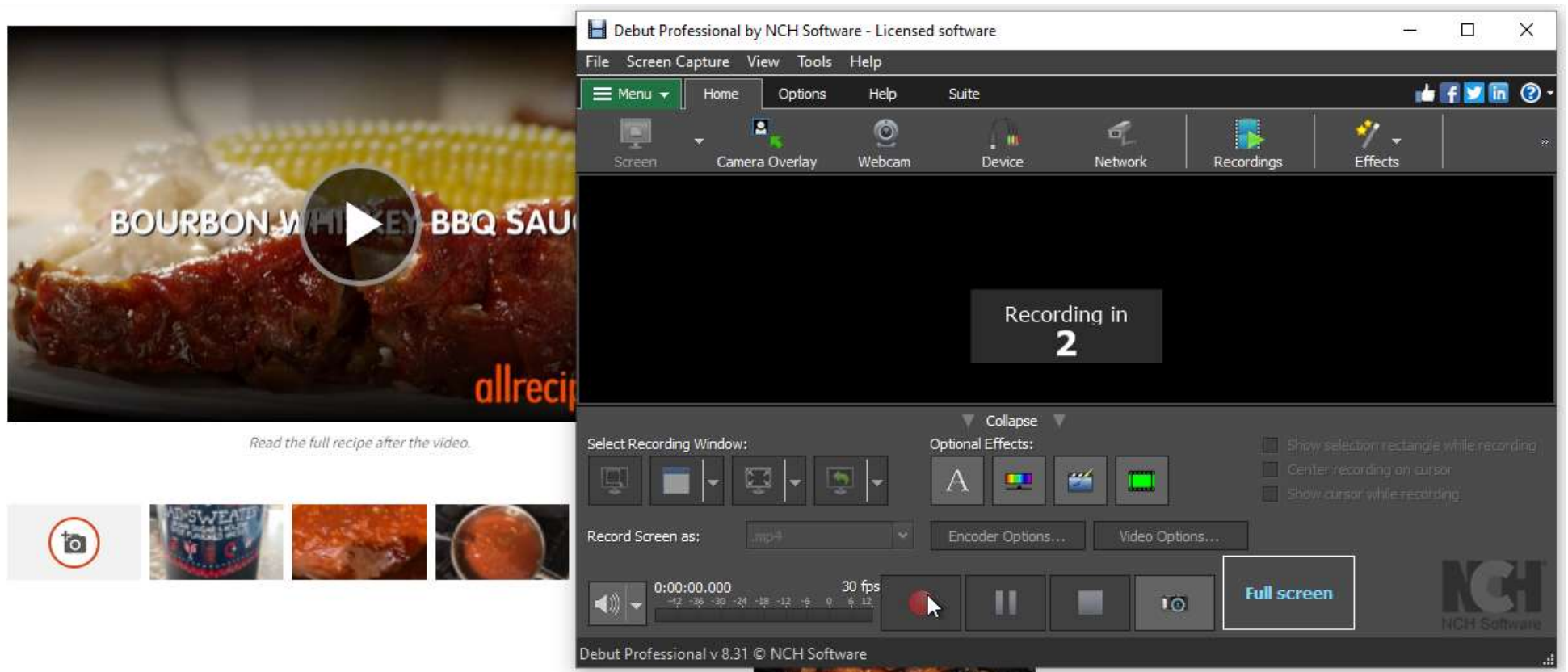
To Record a Video (Fullscreen)



- Go to the video you want. If it is already playing, click on the video's pause icon, then drag the current location marker back to the beginning (note: on some videos once you drag the marker back to the beginning, the video will start to play again so you'll need to hit pause again immediately) (you can also reset to the start right **AFTER** you start recording).

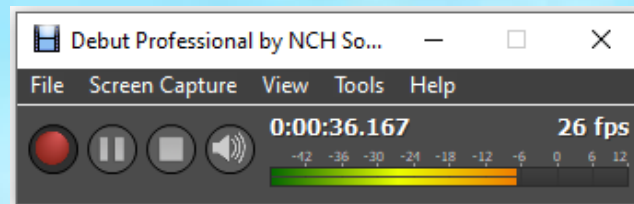


- Bring up the Debut window and click on the ‘Select the entire virtual desktop’ button (you only need to do this once at the beginning of a capture session).
- Click on the ‘Record’ button (or hit F5 or Ctrl-F9).



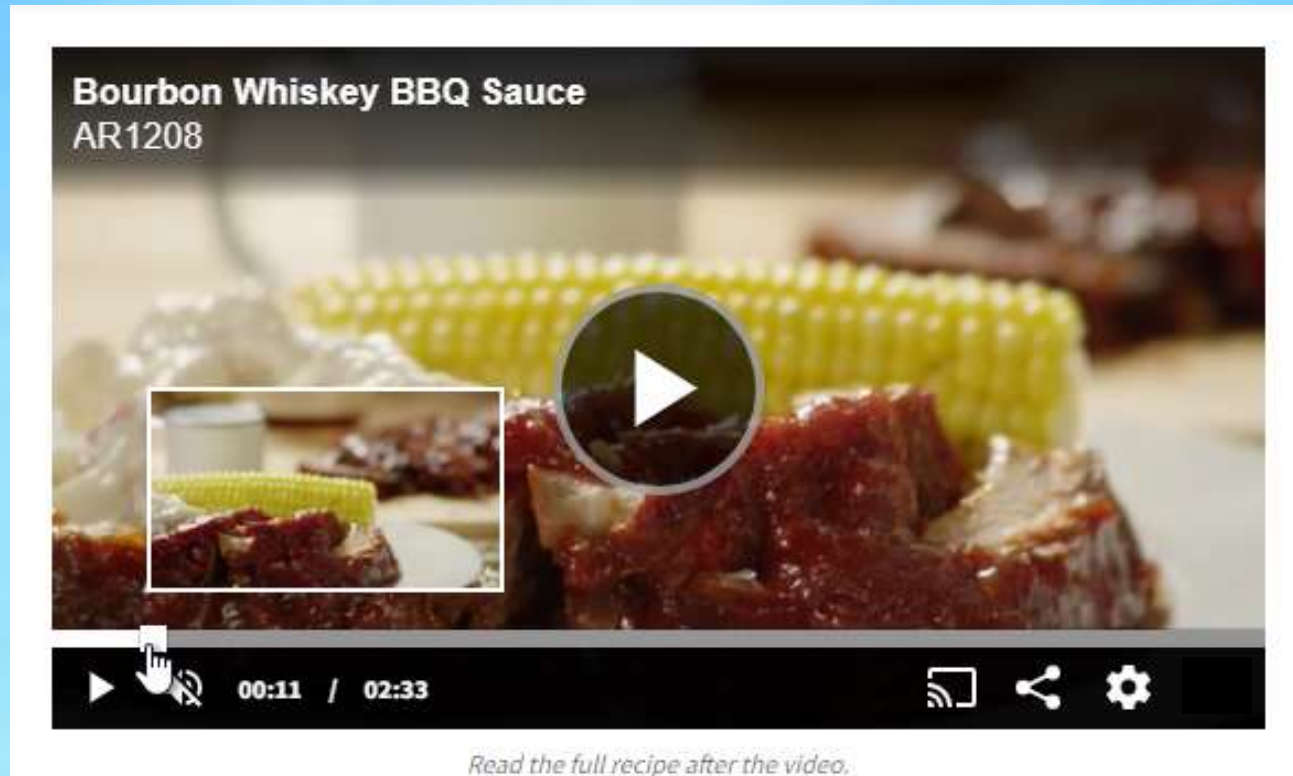
- A 'Recording in ...' countdown timer will pop up. When it gets to '0', the Debut window will disappear and the recording will start.
- Click on the 'Fullscreen' icon in the video window, then start the video (if the video is already playing, drag the current location marker back to the beginning).

- Move the mouse cursor off of the screen to the right or left to make the action ribbon at the bottom disappear (it may take a few seconds to disappear). Note that some web video players have their own action ribbon which will remain through the whole video.
- When the video finishes, it will sometimes go from 'Fullscreen' to 'Restore' size on its own. If it doesn't, click on the 'Restore' icon.
- Bring up the Debut window (on recent versions of Debut, a mini-menu window may pop up instead) and click on the 'Stop Recording' button (or hit F7). If you click on the 'Stop Recording' button in the mini-menu window, the full Debut window will appear.



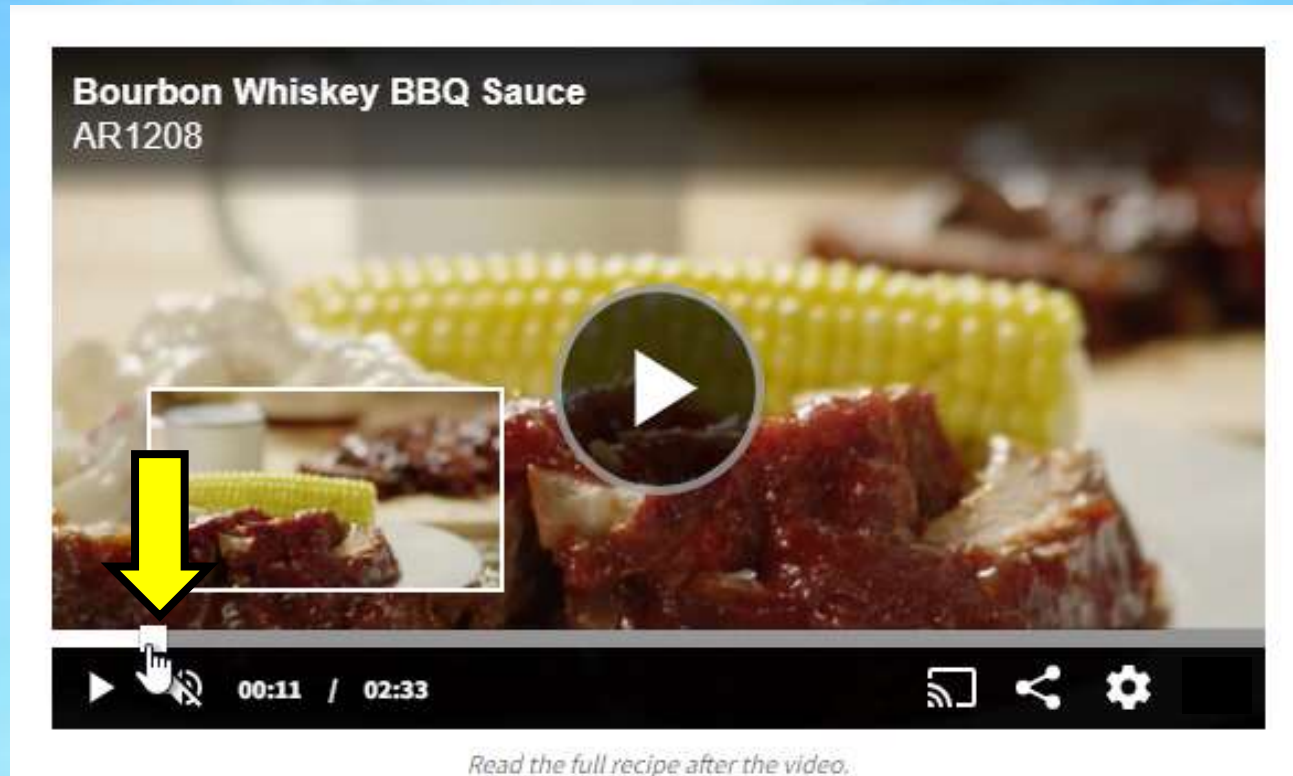
- The captured video will be in the 'c:\Users\Username\Videos\Debut\' directory with a 'Debut #.mp4' filename. This would be a good time to rename the file to a proper filename that describes the video (e.g. *"Making Bourbon Whiskey BBQ Sauce.mp4"*)

To Record a Video (Partial Screen)

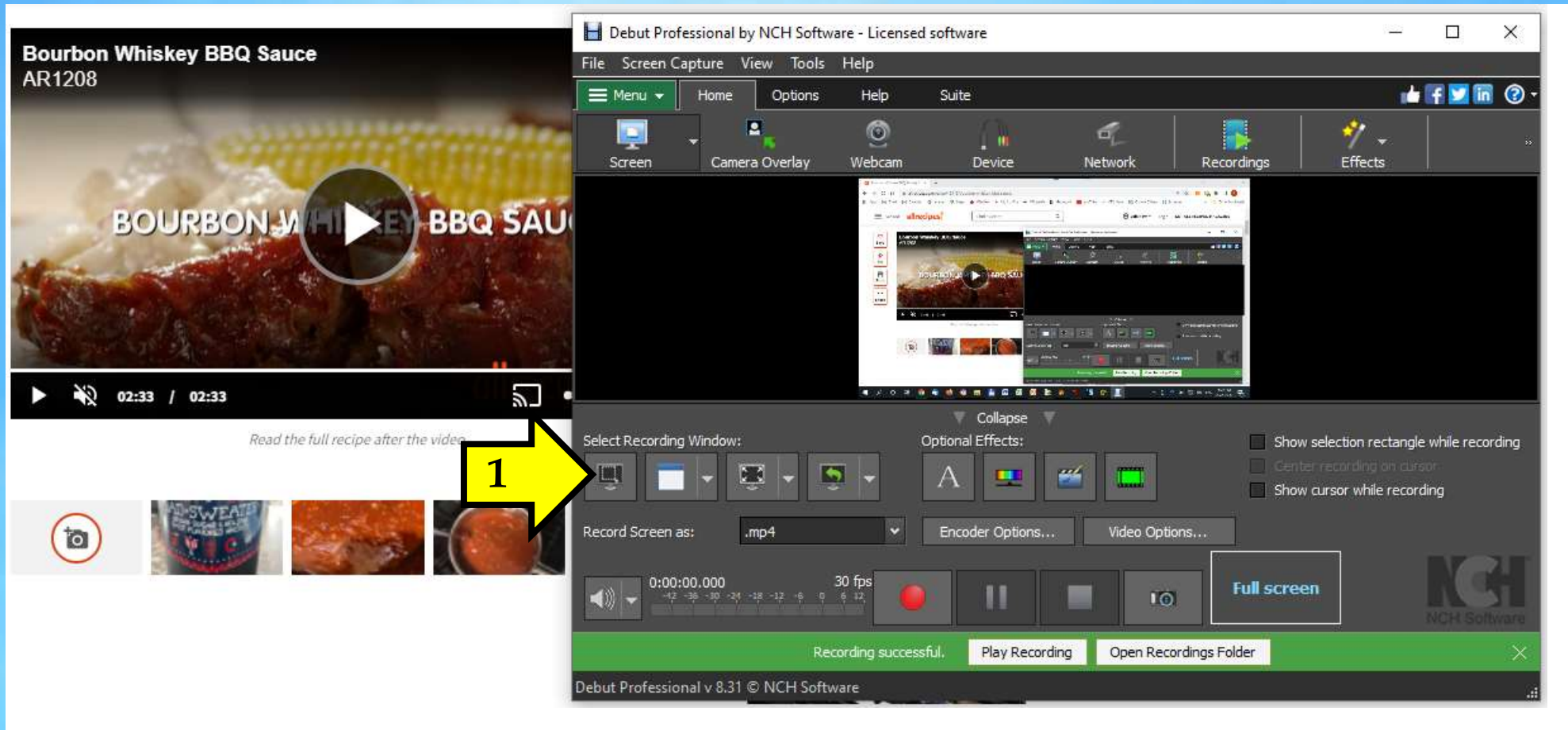


Normally you would want to record a video Fullscreen, but if the video doesn't have the ability to go Fullscreen for recording, then you can record a video that only takes up part of your screen. Recording partial screen will also reduce the capture file's size compared to Fullscreen.

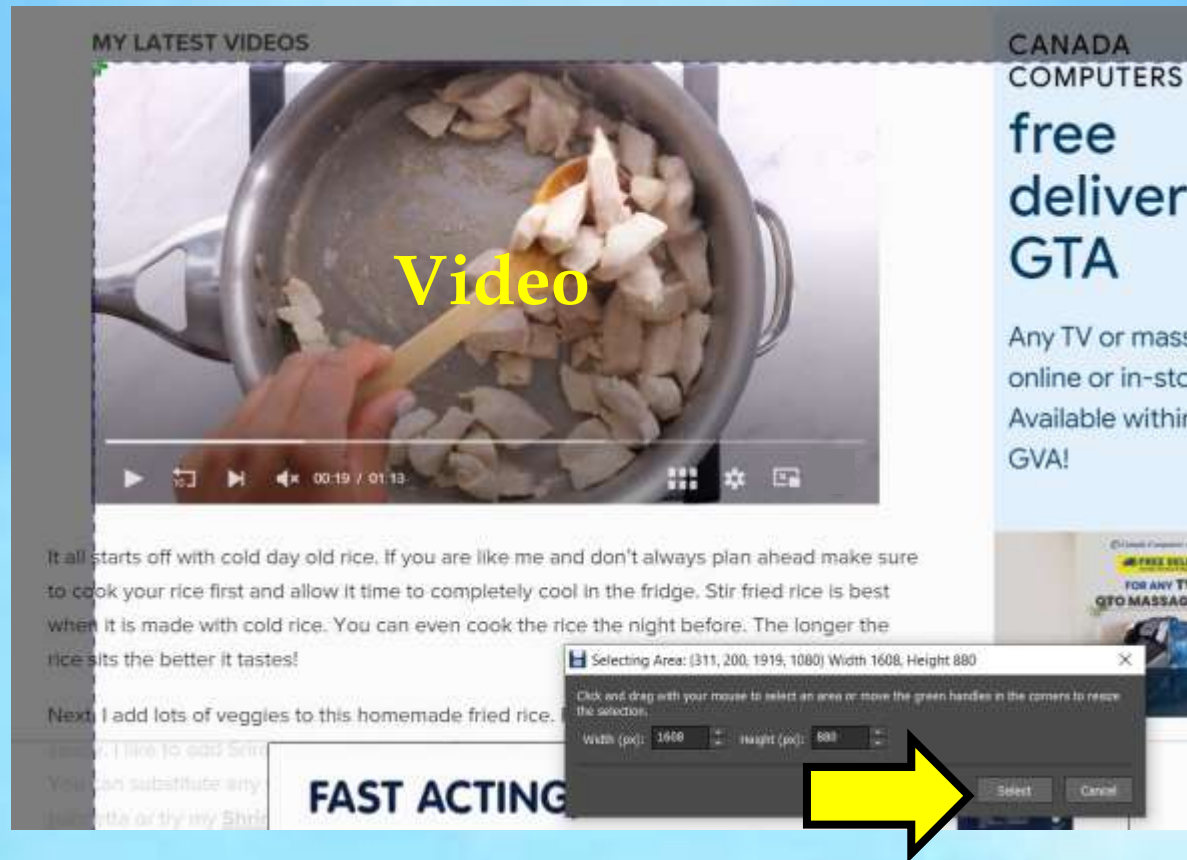
To Record a Video (Partial Screen)



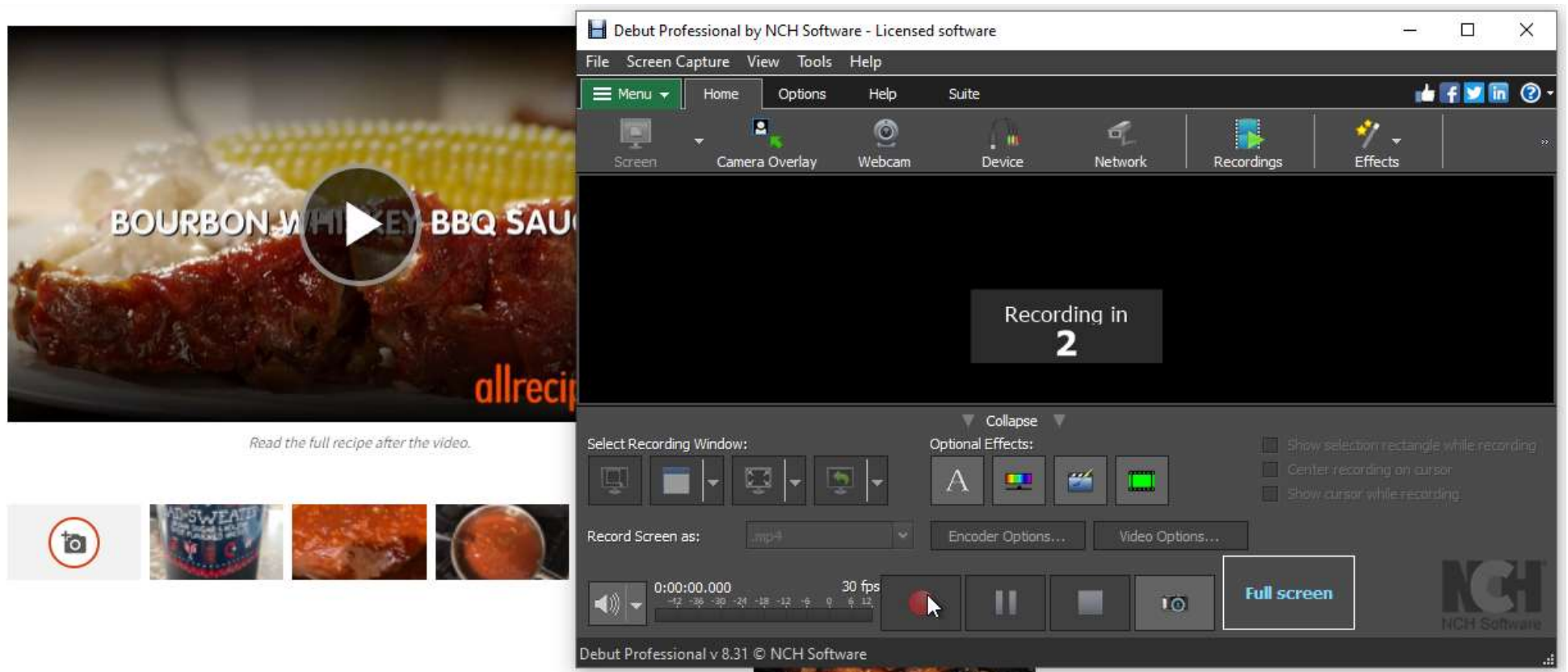
- Go to the video you want. If it is already playing, click on the video's pause icon, then drag the current location marker back to the beginning (note: on some videos once you drag the marker back to the beginning the video will start to play again so you'll need to hit pause again immediately) (you can also reset to the start right AFTER you start recording).



- Bring up the Debut window and click on the ‘Draw a selection rectangle using mouse’ button.
- The Debut window will disappear, showing the full screen the video is on, along with a dialog box.

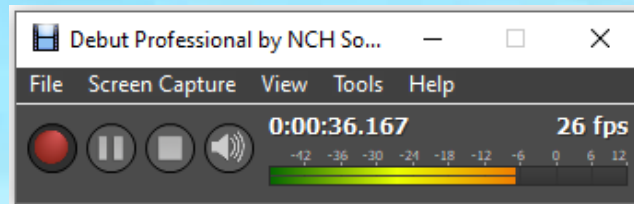


- Drag the border lines from the edges of the screen to the edges of the video (the above example shows the top and the left borders dragged).
- When the four borders are positioned, click on the 'Select' button in the dialog box. The Debut window will re-appear.
- Click on the 'Record' button (or hit F5 or Ctrl-F9).



- A 'Recording in ...' countdown timer will pop up. When it gets to '0', the Debut window will disappear and the recording will start.
- Start the video (if the video is already playing, drag the current location marker back to the beginning).

- Move the cursor off the screen to the right or left to make the action ribbon at the bottom disappear (note that some web video players have their own action ribbon which will remain through the whole video).
- When the video finishes, bring up the Debut window (on recent versions of Debut, and mini-menu window will pop up instead) and click on the 'Stop Recording' button (or hit F7). If you click on the 'Stop Recording' button in the mini-menu window, the full Debut window will appear.



- The captured video will be in the 'c:\Users\Username\Videos\Debut\' directory with a Debut # filename. This would be a good time to rename the file to a proper filename that describes the video (e.g. "Making Bourbon Whiskey BBQ Sauce.mp4")

With Video DownloadHelper, you download the full video and only the video. With Debut, you will get a few seconds of garbage before the beginning and after the end. If this is a problem, you can use a video editor like Shotcut* to edit the garbage out.

*** - https://opcug.ca/qa_recordings/20220323_PowerPoint.pdf**

Debut Pricing

- A free version of Debut is available for non-commercial use only. If you will be using Debut at home, you can download the free version at <https://www.nchsoftware.com/capture/download-now.html>
- Otherwise, you can download a free *trial* edition of Debut that is good for 30 days. After that you have to pay for it.
- Purchase includes all updates and upgrades for six months.
- Current version is 8, versions 4 and above work just fine. There is no reason to upgrade regularly as it does what you need it to do.

	Normal Price	Discount Price
Debut Video Capture Software Pro Edition Fully featured, single installation license	\$50	\$34.99*
Debut Video Capture Software Home Edition Unlimited use but only licensed for non-business use	\$40	\$29.99*
Debut Video Capture Software Pro Edition Quarterly Plan Unlimited ongoing use of all professional version features and all upgrades billed \$8.31 quarterly Full Pro Edition for only 10 cents per day!		\$2.77/mo*

Prices are US dollars. NCH has regular 'deals' for its software.



About NCH



- NCH Software (nchsoftware.com) is an Australian software company headquartered in Canberra, Australia. They primarily sell to individuals via their website.
- NCH Software provides software programs for audio, video, business, dictation and transcription, graphics, telephony and other utilities.
- Their products include WavePad sound-editing program, MixPad sound-mixing program, PhotoPad photo and image editor, Prism video format converter, Express Burn disc burning software, Express Rip CD to MP3 converter, Switch audio format converter, Express Scribe transcription software and Debut screen recorder and video capture software.
- I have used WavePad, Prism and Switch, and have/will be featuring Debut and Express Rip in presentations.

Video Capture Software to Consider

1. **Movavi Screen Recorder Studio: Best video capture software overall**

Personal Edition: US\$59.95, Pro Edition Quarterly Plan: US\$3.33/month

REASONS TO BUY

- Optimize video for mobile devices
- Export video to 11 video formats

REASONS TO AVOID

- Manually upload to social media
- Slow customer support

Full review at <https://www.toptenreviews.com/best-video-capture-software>

Video Capture Software to Consider

2. Camtasia Studio: Best screen capture for professionals

CDN\$374

REASONS TO BUY

- Full array of capturing and editing tools
- Easy enough to use

REASONS TO AVOID

- Scheduling an automatic recording is tricky
- It's very expensive

Full review at <https://www.toptenreviews.com/best-video-capture-software>

Video Capture Software to Consider

3. Snagit: Best for occasional use

CDN\$78.80 (older versions may be available for as low as CDN\$12)

REASONS TO BUY

- Excellent screen shot abilities, including taking scrolling screenshots of websites

REASONS TO AVOID

- Limited video editing abilities

Full review at <https://www.toptenreviews.com/best-video-capture-software>

Video Capture Software to Consider

4. Debut Video Capture Pro: Good value screen capture software

Home Edition: US\$34.99, Pro Edition: US\$39.95, Pro Edition Quarterly Plan: US\$3.33/month, Free personal use edition at

<https://www.nchsoftware.com/capture/download-now.html>

REASONS TO BUY

- Very easy to use
- It is inexpensive
- The software lets you schedule recordings

REASONS TO AVOID

- No editing functions

Full review at <https://www.toptenreviews.com/best-video-capture-software>

Video Capture Software to Consider

Also look at

[https://www.techradar.com/news/t
he-best-free-screen-recorder](https://www.techradar.com/news/the-best-free-screen-recorder)

for FREE video capture software.

Coming Up Next Time

- How to download videos and audio from YouTube using Video DownloadHelper
- How to download or capture videos using Debut Video Capture and Screen Recorder Software
-  • **How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software**
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- How to edit the tags (metadata) for your MP3's

URL's

Debut Website

<https://www.nchsoftware.com/capture/index.html>

Free version of Debut

<https://www.nchsoftware.com/capture/download-now.html>

NCH Software Website

<https://www.nchsoftware.com>

Article on Best Video Capture Software

<https://www.toptenreviews.com/best-video-capture-software>

Article on FREE Video Capture Software

<https://www.techradar.com/news/the-best-free-screen-recorder>

OPCUG Shotcut Presentation

https://opcug.ca/qa_recordings/20220323_PowerPoint.pdf

How to Make Bourbon Whiskey BBQ Sauce

<https://www.allrecipes.com/recipe/16115/bourbon-whiskey-bbq-sauce>



**Any other:
Questions
Comments
Shares?**

Scam avoidance and trust

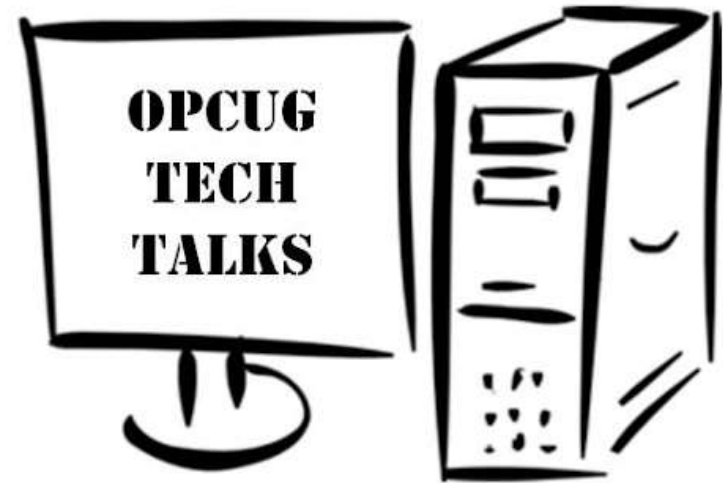
June 6th, 7:00 pm

Protect yourself from the many computer-based scammers who are always trying to steal your money or your identity.

Lawrence Patterson will review the significant difference between blind and wise trust, sources of scams, tips to be aware of, details common to all scams and, most importantly, how to take control.

Full details at:

<https://opcug.ca/events/photoediting/>



Lawrence Patterson

Registration required

*Free for OPCUG members
\$20.00 for non-members
(including one-year membership)*

June Meeting

Pizza-Q

Vincent Massey Park
(Heron at Riverside)
Picnic Shelter S2

June 8, 2022

Pizza arrives at 6:30 pm



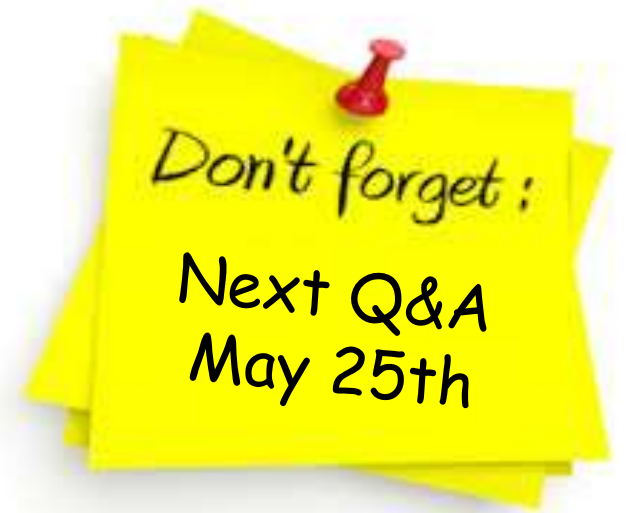
Members' Favourites

September 14, 2022

- Any computer-related topic (neat application, awesome hardware, operating system tweak...)
- 10-20 minute presentation

*Reserve your presentation slot:
SuggestionBox@opcug.ca*





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

SuggestionBox@opcug.ca

