BE A GOOD WIFI CITIZEN

What Does It Mean To Be A Good WiFi Citizen?

It may not be obvious at first, but what you do in your office, classroom, or walking around campus *CAN* affect WiFi performance for those around you!
Setting up your own wireless hotspot or router will create connectivity issues for those around you.
Cooperation and good etiquette is necessary for everyone to get the connection they need.
This is what being a good WiFi citizen is all about.

Choose Your Connection Wisely

- **Which WiFi should I use?**

Faculty & staff:	**eduroam**	These are the fastest and most secure wireless networks
Students:	**eduroam**	
Visitors:	**Guest@UofL**	Unsecure, limited network for visitors without university credentials
Certain Visitors:	**eduroam**	Can be used by visitors from participating institutions

- **Wired Connections have benefits**

  Wired connections are always faster than WiFi connections. Using a wired connection frees up space on campus WiFi networks for others who need it.

Stop Sending Mixed Signals

Because WiFi networks use a range of radio frequencies that are unregulated and available for public use, many electronic devices and appliances exist which may cause interference and degrade the performance of the WiFi network.

- **Refrain From Using Personal WiFi Routers or Hotspots**
  Personal WiFi (wireless) routers (or rogue access points) significantly and negatively impact the U of L campus WiFi environment. These devices cause the campus WiFi environment to deteriorate and, in some cases, can make WiFi unusable by all.

- **Avoid Using Wireless Printers In Wireless Mode**
  Please do not use your printer in wireless mode as that can lead to interference. Most wireless printers can also be used with a wired connection to your computer and can still be shared with others in your area if needed.

- **Unexpected WiFi Interferences**
  WiFi signals, including **eduroam**, can be negatively affected by a surprising number of regular things; microwave ovens, cordless phones, wireless audio speakers, wireless clocks, projectors, cameras, and gaming console controllers use the same spectrum as the campus WiFi network and can cause the network signal to deteriorate

BE A GOOD WIFI CITIZEN

Devices That Interfere With WiFi

Device	Impact On WiFi	Range	Suggested Solution
Microwave Ovens	Very Severe	Short	Keep microwaves away from computers
Wireless Routers	Severe	Very Long	Use **eduroam** Refrain from using your own router
Wireless Cameras & Projectors	Severe	Very Long	Disable wireless Use wired devices/connections
Apple Time Capsules (Use only for data backup)	Severe	Very Long	Disable wireless Connect via Ethernet cable
Wireless Media Players (AppleTV, Chromecast, etc.)	Severe	Long	Disable device's wireless Connect via cables
Wireless Printers	Severe	Medium	Disable wireless Connect directly via USB cable
Wireless Speakers	Severe	Medium	Use wired speakers.
Wireless Gaming Controllers	Severe	Short	Keep devices powered off when not in use
Bluetooth Devices	Medium	Short	Keep devices powered off when not in use
Certain Computer Displays	Medium	Short	Power off monitor when not in use

Strong WiFi

WiFi With Interference

Wireless Printer

Microwave

Personal Router

University of Lethbridge

FIAT LUX

Information Technology