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 when you're 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 a good WiFi citizen is all about.

Choose Your Connection Wisely

- **Use UConnect**
  It is the fastest and most secure wireless network available. UGuest is an unencrypted, limited network. It is for visitors without university credentials. eduroam can be used by visitors from other participating institutions.

- **Wired connections have benefits**
  Wired connections are always faster than WiFi connections and are encouraged for stationary devices. 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's campus WiFi environment. They cause the campus WiFi environment to deteriorate and in some cases can make WiFi unusable by all.

- **Avoid using wireless printers in wireless mode**
  We ask that you not use your printer in wireless mode. Most wireless printers can also be used with a wired connection to your computer. That's ok. But wireless operation leads to interference.

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

- **Need help?**
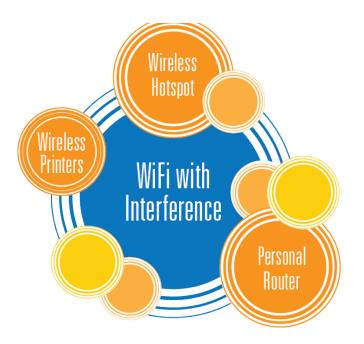 Have a question or need help troubleshooting an issue? Call the UIT Help Desk at 801-581-4000, option 1.

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Device	Impact	Range	Suggested Solution
Microwave Ovens	Very Severe	Short	Keep microwaves away from computers.
Wireless Routers	Severe	Very Long	Use UConnect; 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 (Apple TV, Roku, 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 Hotspot

Wireless Printers

Personal Router

WIFI