- 1. Click Start menu
- 2. Select Settings
  - Network & Internet
- 3. Click "Network and Sharing Center"





Network & Internet Wi-Fi, airplane mode, VPN

Related settings Change adapter options Change advanced sharing options Network and Sharing Center Windows Firewall

- Select "Set up a new connection or network"
- 2. Select "Manually connect to a wireless network"

View your active networks	
<b>ad.lakeheadu.ca</b> Domain network	Access type: Internet Connections: Wi-Fi
Change your networking settings Set up a new connection or net Set up a broadband, dial-up, o	twork Ir VPN connection; or set up a router or access point.
Choose a connection opt	tion



- 1. Enter the following information:
  - Network name: eduroam
  - □ Security type: WPA2-Enterprise
  - □ Encryption Type: **AES**
- 2. Click Next
- 3. Click "Change connection settings"

- 1. Select the **Security** Tab
- 2. Click Settings

Wireless Network Properties ×			×
Connection Security			
Security type:	WPA2-Enterprise	$\sim$	
Encryption type:	AES	$\sim$	
Choose a network au	thentication method:		
Microsoft: Protected	EAP (PEAP) $\vee$	Settings	
Remember my cro time I'm logged o	edentials for this conne	ction each	
Advanced settings			

- 1. Remove tick from "Verify the server's identity by validating the certificate"
- 2. Click Configure...

Protected EAP Properties X
When connecting:
Verify the server's identity by validating the certificate
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):
Trusted Root Certification Authorities:
AAA Certificate Services
ad-CA ad-EDUROAMRADIUS-CA
Baltimore CyberTrust Root
Certum CA
Certum Trusted Network CA
Class 3 Public Primary Certification Authority
Notifications before connecting:
Tell user if the server name or root certificate isn't specified $ \  \   \sim$
Select Authentication Method:
Secured password (EAP-MSCHAP v2)  V Configure
Enable Fast Reconnect
Disconnect if server does not present cryptobinding TLV
Enable Identity Privacy
OK Cancel

- 1. Remove tick from "Automatically use my Windows logon name and password (and domain, if any)"
- 2. Click OK
- 3. Click OK again

EAP MSCHAPv2 Properties	$\times$
When connecting:	
password (and domain if any).	
OK Cancel	

When connecting:         Verify the server's identity by validating the certificate         Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):         Trusted Root Certification Authorities:         AAA Certificate Services         ad-Ca         ad-EDUROAMRADIUS-CA         Balimore CyberTrust Root         Certum Trusted Network CA         Cleass 3 Fublic Primary Certification Authority         Votifications before connecting:         Tell user if the server name or root certificate isn't specified         Select Authentication Method:         Secured password (EAP-MSCHAP v2)       Configure         Enable Fast Reconnect         jusconnect if server does not present cryptobinding TLV         Enable Identity Privacy	Protected EAP Properties	×
Verify the server's identity by validating the certificate Connect to these servers (examples:srv1;srv2;,*\.srv3\.com): Trusted Root Certification Authorities: Ad-CA ad-EDUROAMRADIUS-CA ad-EDUROAMRADIUS-CA ad-EDUROAMRADIUS-CA certum CA certum Trusted Network CA certum Trusted Network CA certum Trusted Network CA cass 3 Fublic Primary Certification Authority Corturn CA certum Trusted Network CA certuan Trusted Network CA content of the server name or root certificate isn't specified	When connecting:	
Connect to these servers (examples:srv1;srv2;,*srv3\.com):         Trusted Root Certification Authorities:         AA Certificate Services         ad-CA         ad-DUROAMRADIUS-CA         Balimore CyberTrust Root         Certum CA         Certum CA         Certum Totsted Network CA         Case 3 Public Primary Certification Authority         Votifications before connecting:         Tell user if the server name or root certificate isn't specified         Select Authentication Method:         Secured password (EAP-MSCHAP v2)       Configure         Enable Fast Reconnect         Disconnect if server does not present cryptobinding TLV         Enable Identity Privacy	Verify the server's identity by validating the certification	te
Trusted Root Certification Authorities:	Connect to these servers (examples:srv1;srv2;.*),	srv3\.com):
AvA Certificate Services     ad-CA     ad-EDUROAMRADUS-CA     Baltimore CyberTrust Root     Certum CA     Calses 3 Public Primary Certification Authority     Certum Trusted Network CA     Calses 3 Public Primary Certification Authority     Configure     Notifications before connecting:     Tell user if the server name or root certificate isn't specified     Select Authentication Method:     Secured password (EAP-MSCHAP v2) Configure     Disconnect if server does not present cryptobinding TLV     Enable Identity Privacy     OK Cancel	Trusted Root Certification Authorities:	
Baltimore CyberTrust Root     Certum CA     Certum CA     Certum Trusted Network CA     Class 3 Public Primary Certification Authority     Configure     Notifications before connecting:     Tell user if the server name or root certificate isn't specified     Select Authentication Method:     Secured password (EAP-MSCHAP V2)      Configure     Enable Fast Reconnect     Disconnect if server does not present cryptobinding TLV     Enable Identity Privacy     OK Cancel	AAA Certificate Services ad-CA ad-EDUROAMRADIUS-CA	^
Certum CA Certum Tusked Network CA Cancel Cass 3 Public Primary Certification Authority Case 4 Public Public Public Public Public Public Public Public Public P	Baltimore CyberTrust Root	
Class 3 Fublic Primary Certification Authority Class 3 Fublic Primary Certification Authority Class 3 Fublic Primary Certificate isn't specified  Notifications before connecting: Tell user if the server name or root certificate isn't specified  Select Authentication Method: Secured password (EAP-MSCHAP v2) Configure Enable Fast Reconnect Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK Cancel	Certum CA	
Notifications before connecting: Tell user if the server name or root certificate isn't specified Select Authentication Method: Secured password (EAP-MSCHAP v2) Configure Pinable Fast Reconnect Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK Cancel	Class 3 Public Primary Certification Authority	<b>`</b>
Tell user if the server name or root certificate isn't specified          Select Authentication Method:          Secured password (EAP-MSCHAP V2)       Configure         PEnable Fast Reconnect          Disconnect if server does not present cryptobinding TLV       Enable Identity Privacy         OK       Cancel	Notifications before connecting:	
Select Authentication Method: Secured password (EAP-MSCHAP v2) Configure Canfigure Enable Fast Reconnect Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK Cancel	Tell user if the server name or root certificate isn't spe	ecified $\sim$
Secured password (EAP-MSCHAP v2) Configure  Enable Fast Reconnect  Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK Cancel	Select Authentication Method:	
Enable Fast Reconnect  Disconnect if server does not present cryptobinding TLV Enable Identity Privacy  OK Cancel	Secured password (EAP-MSCHAP v2) $\qquad \qquad \lor$	Configure
Disconnect if server does not present cryptobinding TLV     Enable Identity Privacy      OK     Cancel	Enable Fast Reconnect	
Cancel	Disconnect if server does not present cryptobinding T	LV
OK Cancel	Enable Identity Privacy	
OK Cancel		
OK Cancel		
	ок	Cancel

- 1. Click Advanced settings
- 2. Tick "Specify Authentication Mode"
- Select "User Authentication" from drop down list
- 4. Click OK to close any other network configuration windows

802.1X settings	802.11 settings		
Specify a	uthentication mode: —		
User or	computer authentication	$\sim$	Save credentials
User or Compute	computer authenticatior er authentication	·	
User aut	thentication		
Guest au	uthentication		
Enable single sign on for this network			

- 1. The wireless should now be configured
- 2. Log into the Eduroam network from the wifi icon (located at the bottom right) using your full Lakehead email address and password

Windows Security			
Sign in			
User name			
Password			
Domain:			
OK	Cancel		