

## Remote Connection to Your Campus Computer

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(Written for the PC, but something similar should work on a Mac)

First, it is important to determine whether your campus computer is an Atlas or non-Atlas computer.

- Look up the credentials of your campus computer
  - Find “This PC” or “This Computer” and right click on it
  - Left click on “Properties”
  - Make a note of the “Full computer name”. You will need this name for your off-campus computer.
    - Example for Atlas computer: atlasc-name.ad.uillinois.edu
    - Example for Non-Atlas computer: name-pc

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### Setting Up Your Campus Atlas Computer

1. Configure your campus computer power and sleep setting.
  - In the search box, type “sleep”
  - In the search results, click on “Power & sleep settings”
  - Set “Screen” to something reasonable, but not “Never”
  - Set “Sleep” to “Never”
  - Click “X” and close the window
2. Configure your campus computer to allow remote connections.
  - Remote Desktop:
    - In the search box, type “remote desktop settings”
    - In the search results, click on “Remote Desktop settings”
    - Enable Remote Desktop should be set to “On”
    - Click “X” and close the window
  - Remote Access:
    - In the search box, type “remote access”
    - In the search results, click on “Allow remote access to your computer”
    - In the System Properties box that appears, in the Remote tab, in the Remote Assistance section toward the top
      - Check the box that says “Allow Remote Assistance connections ...”
    - In that same System Properties box that appeared, in the Remote tab, in the Remote Desktop section toward the bottom
      - Click on “Allow remote access to your computer”
      - Check the box that says, “Allow connections only from ...”
    - Click “X” and close the window

Setting up Your Off-Campus Computer to Connect to Your Campus Atlas Computer:

- Configure your off-campus computer to securely connect to the campus network by downloading and setting up the Virtual Private Networking (VPN) Client. You can check this link for instructions: <https://techservices.illinois.edu/services/virtual-private-networking-vpn/download-and-set-up-the-vpn-client>
  - Follow the on-line instructions via the link above
- To ensure your success, be sure you can create a VPN connection from home, and still get to Google from home with the VPN connection in place.
  - Try this before proceeding with the steps to connect to your campus computer.
  - When you successfully establish a VPN connection, and a Cisco logo should appear indicating that the connection is complete
  - The very first time you do this, you may need to respond to some question boxes.

### Connecting to Your Campus Atlas Computer from Your Off-Campus Computer:

- In the search box, type “remote desktop connection”
- Click on the “Remote Desktop Connection” app
- Click on “Show Options”
- Enter the name of the campus (remote) computer
  - Computer: Type the “Full computer name” you noted earlier
  - User name: Type “UOFI\userid” (*Replace netID with your actual NetID*)
  - Click “Connect”
  - Enter your NetID password and click “OK”
  - The image of your campus desktop computer should appear, and you can use it normally

### VPN Note

- When you are done with your remote log-on session to your campus computer, close the VPN connection. Hit its icon, and then click “Disconnect”. To use it later, just reconnect.

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### Setting Up Your Campus Non-Atlas Computer

1. Make a note of your campus computer credentials:
  - Hostname
    - Click on the link <https://myhostname.net/>
    - Note your computer’s hostname
  - Local Name
    - In the search box, type-in “account settings”
    - In the search results, click on “Your account info”
    - Note your Local Name (the one in all caps and bold letters)
2. Configure your campus computer power and sleep settings.
  - In the search box, type “sleep”
  - In the search results, click on “Power & sleep settings”
  - Set “Screen” to “Never”
  - Set “Sleep” to “Never”
  - Click “X” and close the window
3. Configure your campus computer to allow remote connections.
  - Remote Desktop:
    - In the search box, type “remote desktop settings”
    - In the search results, click on “Remote Desktop settings”
    - Enable Remote Desktop should be set to “On”
    - Click “X” and close the window
  - Remote Access:
    - In the search box, type “remote access”
    - In the search results, click on “Allow remote access to your computer”
    - Under “Remote Desktop” section, “Allow remote connections to this computer” should be selected/checked.
    - Click “X” and close the window

### Setting up Your Off-Campus Computer to Connect to Your Campus Non-Atlas Computer:

- Configure your off-campus computer to securely connect to the campus network by downloading and setting up the Virtual Private Networking (VPN) Client. You can check this link for instructions: <https://techservices.illinois.edu/services/virtual-private-networking-vpn/download-and-set-up-the-vpn-client>
  - Follow the on-line instructions via the link above

- To ensure your success, be sure you can create a VPN connection from home, and still get to Google from home with the VPN connection in place.
  - Try this before proceeding with the steps to connect to your campus computer.
  - When you successfully establish a VPN connection, a Cisco logo should appear indicating that the connection is complete
  - The very first time you do this, you may need to respond to some question boxes.

#### Connecting to Your Campus Non-Atlas Computer from Your Off-Campus Computer:

- In the search box type “remote desktop connection”
- Click on the “Remote Desktop Connection” app
- Click on “Show Options”
- Enter the name of the campus (remote) computer
  - ◆ Computer: Type “Hostname” (as noted earlier)
  - ◆ User name: Type “Local Name” (as noted earlier)
  - ◆ Click “Connect”
  - ◆ Enter your “Local Password” and click “OK”
  - ◆ The image of your campus desktop computer should appear, and you can use it normally

#### VPN Note

- When you are done with your remote log-on session to your campus computer, close the VPN connection. Hit its icon, and then click “Disconnect”. To use it later, just reconnect.

#### Special Note for Samba Users

Samba is the NMR data server, the place where all NMR data is automatically stored. For those interested, it can be accessed from off campus, but only via a computer on campus that is already connected to Samba in the usual manner (see NMR Staff about how). Here is a diagram of how this scheme works.

