



#### **A.4. File Transfer**

A note on File Transfer: your GCMS methods files run about 10-20 kb and should be quite easy to transfer. Your raw data file which will be transferred from Loyola to your home computer will run about 9 Mb which may take a very large amount of time and may or may not hang up if your server crashes. We have set the PCAnywhere server on the GCMS to not encrypt the data so that this process can speed up. We have also set the server to assume that you have low bandwidth to speed up data transfer.

To transfer files

1. in PCAnywhere;
2. left hand side open “file transfer”:
3. screen opens with two lists of folders. Left hand side is files on your home computer.
4. Right hand side should indicate that the computer is BBBB BBBB the GCMS computer.
5. In your home computer page find and Highlight the “methods file” you want to send to Loyola.
6. Highlight the folder you want to send your “methods” file to on the GCMS (BBBBBBB)
7. Far left hand side should now display transfer arrows indicating the direction (left to right to send from your computer to Loyola or right to left to send from Loyola to you).
8. Send your file.
9. When done return to remove “control session” on left hand side of page.

**End session** in reverse order: logoff computer (do not shut down)

End PCAnywhere session

(This allows the computer to be on and accessed by another user)

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#### **B. Mechanics of Setting Up PCAnywhere**

B.A. Installation of PCAnywhere program will allow you to act as a “client” with no further set up.

B.B. To set your computer up to act as a remote server

1. Find out the physical address:  
Go to network connections  
Double left click on LAN  
Click support tab; click properties

Home desktop is ###.###.##  
the gateway (router) is ###.###.##

2. Need to know the external address given (WAN) for public address if you are using a router box
  - c. Go to internet type in the gateway (router) address #####
  - d. admin/password
  - e. Router status:
    - Internet port: IP address: ##.##.###.### (this will change if the router box goes down). This is also known as WAN
  
3. Set up port forwarding so that computer can be accessed by PCAnywhere
  - left hand box in the netgear router page
  - under advanced; click on port forwarding
  - add custom service:
    - set port to TCP start port 5631 end port 5631; server address ###.###.##.
  - add a second custom service
    - set port to UDP start port 5632 end port 5632; server address ###.###.##
  
4. Open pcAnywhere on the desktop
  - double left click: Network, Cable, DSL (This should result in a green screen with check mark display at lower right hand corner of the computer screen)

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B. Call the test Symmantec site to confirm outgoing call possible

In PCAnywhere dial 198.6.46.40, set encryption level to none  
pcatest - pctest for caller i.d. and password  
ok  
repeat the i.d. and password  
on left hand oxk click on "send "ctr+alt+del"  
ok

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