Accessing a super-computer

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Log in

Open terminal on a mac or a bash system on the pc like ubuntu
Type$ hostname
And the computer will tell you your computer's name.

Type$ ssh <username>@<computername>

The first time you log in it will ask you:
Are you sure you want to continue. Type$ yes

Super computers will either use a ssh key or will ask you for a password. If you type a password, you will see nothing. That's normal! It's a feature not a bug.

To confirm you are on the super computer
Type$ hostname
And the computer will tell you the super computer's name.

Log out

Type$ logout

Super computers on the Boulder/Anschutz campus

Super computer name	Run by	Who can get on	Security system
fiji	Biofrontiers	Biofrontiers faculty and their labs	You must be on campus or use vpn before login when off campus. Use your identikey and password as login information.
Summit	RC (Resource Computing)	Anyone on the Boulder campus	Duo 2-factor Authentication
Rosalind	TICR High Performance Computing	CU Anschutz faculty and their labs	Must be on campus or use vpn when off campus. Requires a password.

Check which computer you are on

```
 cu-biot-6-10:~ maryallen$ hostname
[cu-biot-6-10.203.150.69.int.colorado.edu                                    ]
```

Log into super computer

```
 cu-biot-6-10:~ maryallen$ ssh allenma@fiji.colorado.edu
[The authenticity of host 'fiji.colorado.edu (128.138.93.105)' can't be established. ]
 ECDSA key fingerprint is SHA256:5HyiwNcswNas+K9fatox+9sJqNlAS9Q816/jHfCX8a4.
 Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
 Warning: Permanently added 'fiji.colorado.edu' (ECDSA) to the list of known hosts.
 allenma@fiji.colorado.edu's password:
```

Check you are logged in and logout

```
 Last login: Wed Jul 14 09:35:15 2021 from cu-biot-6-10.203.150.69.int.colorado.edu
 +----------------------------------------------------------------------+
[|                      *****Warning Notice*****                        |                ]
 |This system is restricted solely to University of Colorado authorized users  |
 |for legitimate business purposes only.  The actual of attempted unauthorized |
 |access, use or modification of this system is strictly prohibited by the     |
 |University of Colorado.                                               |
 |The use of this system is monitored and recorded for administrative and |
 |security reasons.  Anyone accessing this system expressly consents to such |
 |monitoring and is advised that is such monitoring reveals possible evidence |
 |of criminal activity, University officals may provide evidence of such |
 |activity to law enforcement officials.  All users must comply with the |
 |University of Colorado security instructions regarding the protection of the |
 |University of Colorado's information.                                 |
 |                                                                      |
 |Cluster usage information is available at the BioFrontiers IT computing page |
 |https://bit.colorado.edu/biofrontiers-computing/fiji/                 |
 |                                 |                                    |
 |                                                                      |
 |For assistance, please submit a ticket to our ticketing system --     |
 |bit-help@colorado.edu .                                               |
 |                                                                      |
 +----------------------------------------------------------------------+


[-bash-4.2$ hostname                                                         ]
 fiji-2.colorado.edu
 -bash-4.2$ logout
```