

TACC CHEAT SHEET (on Frontera)

Command	What it does	Example usage
<code>cdh, cds, cdw2</code>	Change d irectory to home, scratch, or work2 directories	<code>cds</code> <i>^ moves you into your scratch directory</i>
<code>ll (TACC)</code>	Lists all files within <code>pwd</code> , but also includes file type, date, and size	<code>ll *.phylip</code> <i>^ list details of all phylip files within your pwd</i>
<code>ssh [address]</code>	Open a secure shell (to log on to TACC). Syntax is: ssh username@supercomputer.tacc.utexas.edu	<code>ssh eac3496@frontera.tacc.utexas.edu</code> <i>^ Anne's login for frontera</i>
<code>scp [from] [to]</code>	Move a file from or to TACC (secure copy). Syntax is: scp from to; -r recursive flag is for copying folders	<code>scp ./Ltriangulum.phylip eac3496@frontera.tacc.utexas.edu:/work2/03123/eac3496/</code> <i>^ copying a phylip file from personal computer to Anne's work2 directory in her frontera account</i> <code>scp -r Lampropeltis_project eac3496@frontera.tacc.utexas.edu:/scratch1/03123/eac3496/</code> <i>^ copying a directory from personal computer to Anne's scratch directory frontera account</i>
<code>sbatch [slurm file]</code>	Submit a job (within slurm file) to TACC	<code>sbatch lampro_ipyrad.slurm</code> <i>^ submits the ipyrad slurm file to TACC</i>
<code>squeue [TACC ID]</code>	View the jobs that have been submitted (are in queue) for TACC. -u flag is user	<code>squeue -u eac3496</code> <i>^ view all jobs submitted by Anne</i>
<code>idev [time] [allocation]</code>	Open a development node. Need to specify -t time (max 2:00:00) and -A project (if you have more than one)	<code>idev -t 1:30:00 -A Phylogenomics</code> <i>^ opens a development node that'll last 1.5 hours and be within the Phylogenomics project</i>