

# Things that are Different

## Submitting a remote job

Old PBS way

```
qsub -q small yourjobname
```

New SLURM way

```
sbatch yourjobname
```

Submitting is very similar, but the queue is specific in the job header rather than at submission time.

You will receive an email when your job starts and when it concludes.

# More resources

- MSI currently has a whole set of pages devoted to helping you transition your scripts to slurm. See here: <https://www.msi.umn.edu/content/job-submission-and-scheduling-slurm>
- Navigating your file system and the supercomputer file system is an important skill. Learn more about unix navigation here: <http://www.ee.surrey.ac.uk/Teaching/Unix/>
- Learn more about Windows file system navigation here: <https://www.cs.princeton.edu/courses/archive/spr05/cos126/cmd-prompt.html>
- It can be easy to get mixed up switching back and forth between your Windows file system and Unix. See this handy cheat sheet: <https://www.lemoda.net/windows/windows2unix/windows2unix.html>
- “I like computer science and bioinformatics and I want to learn more!,” you say? Start here: <http://rosalind.info/problems/list-view/?location=python-village>
- Download PuTTY: <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>
- Help using sftp: <https://linuxize.com/post/how-to-use-linux-sftp-command-to-transfer-files/>