# Tutorial 2: HPC at NYU

**Accessing software with Environment Modules**

Job scripts and how to reserve resources
- Introduction to job scheduling
- Submitting a job with `qsub`
- Requesting resources
  - Requesting GPUs
- Using compute nodes interactively
- Advanced queuing options

**Monitoring batch jobs**
- Monitoring batch jobs - `qstat`
- What is running on the cluster, and where? Interpreting `pbstop`
- When will my job start?
- Why won't my job start?
- Where did my output go?

**Canceling batch jobs**

**Pulling it all together - an example job**
- Pulling it all together - an R example

**Summary**