

Here is some guidance on how to use the sabine cluster at UH

First open a terminal and login to sabine using:

```
ssh cougernetid@sabine.rcdc.uh.edu
```

Then you should change directory to:

```
cd /brazos/advisor_id/
```

Save all your data and work to this directory since it has 10 TB space

available. You can create a folder with your name and save your work in it so that it does not become confused with others work.

Here is some info on how to use sabine cluster:

To submit a job:

```
sbatch script_name.sh
```

To check the available and used devices on each node. This command is very helpful because it gives an idea of what resources are available at the time you submit a job:

```
scontrol show node compute-4-[0-3]|grep TRES
```

To check the status of all jobs:

```
squeue
```

To check the status of jobs on volta nodes:

```
squeue -p volta
```

To check the status of your jobs:

```
squeue -u cougernet_id
```

To check the logfile of a job:

```
cat name.ojob_id
```

To cancel a job:

```
scancel job_id
```

There is a link to a basic version of a bash script you can use to submit a job.

[This instruction list was prepared by Kazem Safari on 3/25/2020]