C123-04 - Parallel Processing with SGE / CUDA

Initialize your account to use SGE
Add this to your .cshrc
if ( -f /opt/local/bin/setup.sge.csh && -d /opt/sge ) then
  source /opt/local/bin/setup.sge.csh
end

Set up library paths to use the correct CUDA library
Add this to your .cshrc
setenv LD_LIBRARY_PATH /opt/local/cuda-6.5/lib64:/opt/local/cuda-5.5/lib64

Submit your jobs to a GPU queue
Choose the queue that best matches your job’s needs.
gpu630.q - Queue with Nvidia GeForce GT630, 2Gb, 384 Cuda cores (atlas1-4)
gpu980.q - Queue with Nvidia GeForce GTX980, 4Gb, 2048 Cuda cores (atlas9)

For example:
echo "./myscript.sh" | qsub -cwd -q gpu630.q

Check your jobs
qstat
qstat -f