Instructions for compiling MPI code (streamlined version compared to version in 3/3/15 lecture):

Use openmpi-1.6.5 for EECS 739.

Here is the recommended way of making sure all processors on which you run your parallel jobs know to run this version of MPI.

1. To do this, add the following lines to the bottom of your .bash_profile:

Load default environment
module load openmpi/1.6.5

2. Compile your MPI code on a cluster node through the interactive queue as follows:

$ qlogin 1 1:sled
$ which mpicxx
$ mpicxx –o executable mpi_program.cpp (where executable is replaced with the desired executable name and mpi_program.cpp is replaced with the filename of your MPI + C++ program).