

# HCC SCIENCE

- CMS [8.8M cpu hr last yr] and other friends [30.2M]
- Non-HCC engagement: TotalJobs: 472675 TotalWallTime: 1.2M]

Derrick Stolee UNL Math Graph Theory Existence	7.4M cpu hrs	Cluster & Grid course	Condor File Transfer
Bob Powers UNL Chemistry Protein Active Site Structures	126880 jobs; 68k hrs	Adam Caprez, Ashu Guru, Derek Weitzel	http (wget) LVS
Shi-Jian Ding UNMC OMSSA (Nuclear Matrix Proteomics)	160k hrs 1 wkend	Ashu Guru	SRM 100 MB db



# HCC ARTS & SCIENCE

Steven Kolbe UNL Theatre (Film) Rendering	Under Development	Adam Caprez, Ashu Guru	drqueue to python
Jeff Thompson UNL Fine Arts Nokia Ring Permutations	70k cpu-hrs ~9TB	Adam Caprez	SRM, bzip!
Brian Pytlik-Zilig UNL Libraries Corpus analysis	Under Development	Adam Caprez, Ashu Guru	map/reduce to Condor
Robert Norgren UNMC Genome Comparisons	>300 GB working set	Adam Caprez, Tom Harvill	output small





# WISH LIST

- VM support (UNMC brittle commercial XP-SP2 code)
- HTPC (MPI-BLAST and other SMP codes)
  - currently brute force with Maui
  - all or nothing doesn't fit our usage case

