

AGENDA
Advisory Committee on Research Computing
11 January 2005
11 AM
720 Crawford Hall

1. Comments from Provost Anderson
2. Announcements
 - a. Set a monthly meeting schedule
 - i. Second Tuesday of each month at 11 AM?
 - b. Research ShowCASE deadline is February 1
 - c. Presidential Research Initiation Grant Program deadline is January 14
3. Committee charge
 - a. In addition to the charge already distributed, the Provost has asked that this committee hear and approve requests for matching funds from the Provost
4. Request from Robert Elston for matching funds. The request is for a \$40K match to a \$40K request to be included in a renewal application, to begin August 1 2006, of a NIH-NCRR resource grant that he has had since 1987. He has asked the Dean of the Medical School for a similar match. These funds would be used to purchase computer cluster equipment in FY 2006-2007. Dr. Elston requests a letter from the Provost stating the availability of these matching funds to be included in his submission prior to the February 1, 2005 deadline.
5. Recommendation for research computing services to be supported centrally
 - a. Central storage and backup service for servers and workstations.
 - i. Underway – must meet researcher needs
 - b. Server and cluster administration services.
 - i. In place. Are the platforms appropriate?
 - c. Very high bandwidth networking.
 - i. Underway with OneCleveland
 - d. Database hosting and administration.
 - i. In place. Are the services appropriate?
 - e. Collaboration software for Case researchers and off-campus collaborators.
 - i. Underway – must meet researcher needs.
 - f. Hoteling services for researcher-owned computer equipment.
 - i. Part of planning for new data centers. 18 month wait?
 - g. IT consultation services.
 - i. Very limited resources at present.
 - h. Organization of a campus grid with connection to larger grids.
 - i. Need collaborators.
 - i. Visualization.

- j. Administration of shared high performance computing systems.
 - k. Web site hosting and administration.
- 6. Form subcommittee on “Grid at Case” with others on campus as appropriate.
 - a. Grid technology conference at LSU in early February
 - b. Present overview at March ACRC meeting
- 7. Form subcommittee on HPC policies with TWG
 - a. Goal for implementation: July 1?
- 8. Form subcommittee on proposal for funding for a core facility in HPC
 - a. Should address collaborative efforts
 - b. Should lay out the required grid and HPC infrastructure