Outline

"University of Washington titled Scientific Advances and Information Technology: Meeting Researchers' Needs in a New Era of Discovery, (ECAR Case Study 3, 2010)"

The order in which the items are listed is based on the frequency with which researchers reported the need.

1. IT and Data Management Expertise
    a. Local technology support
    b. Data management expertise
    c. Information on available technology and technology expertise
2. Data Management Infrastructure
    a. Storage infrastructure
    b. Data Backup
    c. Data Security
3. Computing Power
    a. Severs
    b. Management and housing of computing clusters
    c. Increased network bandwidth
4. Communication and Collaborative Tools
    a. Video conferencing
    b. Web conferencing
    c. Advanced teleconferencing
    d. Basic tools; phone and email are critical, remote desktop access, Wikis, blogs and websites
5. Data Analysis and Collection Assistance
    a. Analysis
    b. Visualization, modeling and simulation
6. Additional Resources
    a. Labs & Equipment
    b. Educational technology
    c. Centralized Research information
    d. Group pricing