

CURRENT TRENDS IN RESEARCH

- Increased focus on interdisciplinary research by faculty and funders.
- Increased emphasis on multi-campus research programs and projects
- Increased emphasis on research collaborations with industry
- Increased reliance on high-throughput computing
- Increased reliance on high-bandwidth, networked computing capability
- Increased need for sophisticated visualization and simulation and modeling software
- Need to archive, manipulate, and mine increasingly large databases

Sources:

- * Presentation by Vice Chancellor for Research Beth Burnside to the Berkeley IT Architecture Committee (ITAC) about the IT needs of campus researchers (3/1/05)
- * “Research Universities and the Central IT Organization: Rebuilding the Partnership” by Bill Decker.

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