



"We made a decision to invest in this state-of-the-art research data storage system for two reasons. First, this 'big data' era, in research no less than other endeavors, makes a resource like the Research Data Depot essential to Purdue's research enterprise. Second, we have heard from faculty a growing chorus of requests for a central place to store research data securely and reliably, access and move it rapidly in the course of doing their research and share it easily with colleagues and collaborators."

Gerry McCartney, Purdue system chief information officer, vice president for information technology and Olga Oesterle England Professor of Information Technology

RESEARCH DATA DEPOT

More information:

rcac.purdue.edu/storage/depot

rcac-help@purdue.edu

Preston Smith, manager of research support,
ITaP Research Computing (RCAC),
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765-494-9729

RESEARCH DATA DEPOT



"We often hear from faculty that they like the Community Cluster Program because it offers no-hassle computation with professional support. All they have to do is run their codes and do their research. We're bringing the same sensibility to research data storage and sharing with the Research Data Depot."

Donna Cumberland, executive director,
ITaP Research Computing (RCAC)



Since 2008, hundreds of faculty members and their students have come to rely on Purdue's Community Cluster Program to meet computational needs in their research. The highly reliable, cost effective partnership between ITaP and faculty researchers has garnered national and international attention in higher education and high-performance computing circles and also has built the nation's most powerful campus supercomputer for Purdue researchers two years running.

Now, the people who brought Purdue the community clusters are bringing campus researchers a state-of-the-art research data storage solution.

RESEARCH DATA DEPOT

Features >>>

- > Over 2 petabytes of initial capacity, room to grow.
- > Space available in 1-terabyte increments for \$150 per terabyte annually.
- > Trial spaces available to any research lab on campus free of charge.
- > All data protected from accidental deletion and mirrored at two sites on different ends of campus to ensure rapid access, reliability and recoverability.
- > Data moves over an upgraded high-speed campus research network — 58 times faster — whether to the community clusters, office and lab computers for computation and analysis, or from high-performance instruments that generate large data streams.
- > Share data across campus, the nation or the world over Purdue's 100-gigabit connection to Internet2. Integrated Globus transfer service makes moving data across the world fast and painless.
- > Easy-to-use Web interface to configure space, set permissions and more for use on a project or research group basis and in on-campus and off-campus collaborations.
- > Easy expansion of space through the "Purchase" link atop the ITaP Research Computing (RCAC) website, <http://www.rcac.purdue.edu>.

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