

# Research Community Update

*From Jefferson's Academic Pillar and Information Services & Technology*

The Provost's Office and Information Services & Technology partner to provide tools and infrastructure for Jefferson's research community. A diverse leadership group meets several times monthly to address current and future needs. This update summarizes the scope, progress, and outcomes for some of our recent projects. We look forward to expanding these work efforts to include other new technologies.



## Total Investment: \$3.5M

- **Upgraded Research Areas**
  - Completed audit of research computers and hardware
  - Updated PCs to Windows 10 in more than 100 areas
  - Replaced aging Apple computers
  - Upgraded legacy devices and associated equipment
- **Enhanced Storage, Security, and Disaster Recovery**
  - Research data is now stored across two geographically dispersed data centers, providing backup and recovery options in the event of a critical failure.
  - Migrating research data to sanctioned solutions including Box, OneDrive, and Isilon (on-premise)
  - Expanded on-premise storage capacity to 4 PB (1 PB = 500 billion pages of typed text)
  - Globus service will soon be available for research faculty to move, share, and discover data using a single interface.
- **Automated Requests for Research Tools**
  - Automated and simplified processes through ServiceNow to request storage, software, and more in support of research activities
- **Improved Support Resources**
  - IS&T's Confluence Knowledge Base will soon provide the Jefferson research community with access to high performance computing resources and documentation.
- **LabArchives Research Notebook**
  - Partnership between IS&T and the Provost's Office provides the Jefferson research community with a state-of-the-practice electronic research notebook – LabArchive – to store, share, and manage data when collaborating.
- **Governance Charter**
  - Three levels of research data governance have been established to provide guidance and a framework for ongoing improvements, expansion, and access to research storage environment.

Through these and other ongoing initiatives, we are continuously improving our responsiveness to the research community's needs. We remain focused on making solid investments in four key areas to support research activities – (i) Financial, (ii) Human Capital, (iii) Technology, and (iv) Leadership.

Moving forward, we will continue to optimize, innovate, and build on the solid foundation that is currently in place. If you have questions or feedback, or if you would like more details about the information in this update, please contact Theodore Taraschi, Sr., Ph.D., Associate Provost for Research Compliance (Theodore.Taraschi@jefferson.edu) or Jeff Cepull, VP for Information Resources, IS&T (Jeff.Cepull@jefferson.edu).