Electronic Lab Notebooks @ Pitt

Internet2 Global Summit
Research and Education Lightning Talk
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“Rolling out a Research Data Management Solution success; Using an ELN in the lab and the classroom”

Electronic Lab Notebooks
Share data within your lab or with collaborators around the globe.
Access your data securely from any device, even while traveling.
Learn more: technology.pitt.edu/ELN
At a Glance

The University of Pittsburgh is a state-related research university, founded as the Pittsburgh Academy in 1787. Pitt is a member of the Association of American Universities (AAU), which comprises 62 preeminent doctorate-granting research institutions in North America.

The following statistics include the Pittsburgh campus as well as Pitt’s regional campuses in Bradford, Greensburg, Johnstown, and Titusville.

Undergraduates

25,209 full time
1,278 part time

Graduate/Doctoral Students

7,441 full time
2,100 part time

Faculty

4,522 full time
835 part time

Student/Faculty Ratio

14:1

Living Alumni

324,207

Staff

6,954 full time
335 part time
A secure, cloud-based collaborative platform for the storage, organization, communication, sharing of scientific data – each version is date/time stamped & stored permanently to protect each lab’s IP and comply with data requirements.

*Research productivity tool* for scientific data – search years worth of work or view experimental data in real-time, from any computer or mobile device.

A “living repository” – a cross between a data repository and Lab Notebook combining the features of collaboration software, wikis, search engines, data storage and software tools.
RDM @ Pitt is evolving...
LabArchives Company History

2009 LabArchives founded
2011 Classroom Edition commercially released
2013 Mobile Apps released (both iOS and Android)
2014 Approved Internet2 NET+ Provider
2015 Site Licenses Barts Cancer Center, MIT, Monash, Tufts, Univ. of Pittsburgh, UMass Medical School, etc.

2010 Professional Edition commercially released
2012 Site License at CalTech
2013 Site Licenses at Yale and Cornell
2014 Site Licenses S.R. Noble Foundation, UT Southwestern, University of Wisconsin, University of Sydney

Headquartered in: Carlsbad, CA
- 2,773 Users Per Month
- 9,047 Total Sessions Per Month
- 88,287 Total Activities Per Month
- 3,000+ notebooks
- 300+ GB
Things we are working on...

- Re-assess our current posture and guidance on regulated data in ELNs
- Continue working with University Library System and Health Sciences Library System on training, on-boarding, promotion – drive deeper into programs and engagements
- Promote use of library/institute-based RDM instructional modules and human expertise in:
  - Characterizing research data
  - Finding, citing, meta-data tagging etc… within notebooks
  - Promote skill development and awareness of research data recording and data retention
- Clinical trials? One project underway will use ELN for FDA submission
- Widget development – example: HSLS InfoBooster
- Continue to provide input to LabArchives for new features
InfoBoosters Single Categories

Search InfoBoosters

What is it?

An "InfoBooster" is a "one-click" tool saved as a bookmark in a Web browser. It connects digital text to databases and retrieves relevant information on demand. For example, by highlighting a term while browsing a website and then clicking on the "Wikipedia" InfoBooster, a pop-up window will appear displaying information for that term retrieved directly from Wikipedia. More Info

How to Install:

Drag any of the InfoBoosters below and drop into your browser favorites/bookmark toolbar. If you don’t see the bookmark bar underneath the browser search box, please follow these instructions.
Thank You!

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