

Learning @ Lunch Series

From Data to Visualization: Emerging Tools for Research

Date

Tuesday, October 28, 2008

Time

12:00 p.m. - 1:30 p.m.

Place

Library of Congress
FLICC/FEDLINK Conference
Room, Room 218
Adams Building, 2nd Floor
Washington, DC

Metro/Directions

Capitol South
(Orange/Blue Lines)

Sponsor

FLICC Education Working
Group

Information

Call FLICC (202) 707-4813
TTY (202) 707-4995
Request ADA Accommodations
five business days in advance at
ADA@loc.gov.

Registration

Free, but advanced
registration is required.
Register online at
[http://www.loc.gov/flicc/
feveform.html](http://www.loc.gov/flicc/feveform.html). Limited to 25
attendees.

Cancellations

Please notify FLICC at (202)
707-4813 if you cannot attend
to allow those on the waiting
list an opportunity to register.



Traditionally, data analysis has required extensive expertise in math and statistics combined with training in complex software applications like SAS, Matlab and the R programming language. Recently, however, new technologies and services have emerged that make it possible to work with raw data using Web applications with simple visual interfaces.

These visually compelling tools allow researchers to see and communicate relationships quickly between diverse trends, like the correlation between weather and burglary.

This session will include a brief review of the visualizations built into traditional statistical software packages like R and Matlab followed by a demonstration of three new Web-based tools applied to three real research topics. The session will conclude with a discussion with Richard Landry, CEO of Conquest Systems, a pioneer in creating readily usable data libraries.

Speaker Biography

Jan Johansson serves as the Data Librarian for the Congressional Research Service at the Library of Congress. Johansson joined CRS as a Presidential Management Fellow in 2004. Previously, he worked at JSTOR.org as a user interface designer and before that as a reference librarian at The New York Public Library. Johansson has a Master of Science in Information from the University of Michigan and a BA in political science from Columbia University and is currently studying computational statistics at Georgetown University.