



Show me the data!

Partnering with instructors to teach data literacy

UNIVERSITY LIBRARY
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Survey results: teaching

- Most instructors who responded use data in class demonstrations and course assignments,
but
- Over half the instructors are frustrated by finding data, technical difficulties with classroom equipment and software, or their own and their students software skills

Survey results: training

- 75% of respondents think training in finding and obtaining data would be helpful to their students
- Workshops and online guides, rather than in-class instruction, were the preferred modes for training

What comes next?

- Support use in the classroom
- Organize data for the classroom
- Encourage faculty to refer students
- *Develop partnerships*

Support use in the classroom

- Workshops as part of broader program
 - Finding and obtaining data (Census, ICPSR)
 - Statistical analysis software (SAS, SPSS, Stata)
 - Geographic concepts and software
- Deemphasize in-class instruction



Organize data for the classroom

- A new web portal

<http://www.library.illinois.edu/datagis/index.html>

- Records in catalog for data sets
- Inventory data holdings on campus
- Subject portal to data about Illinois

Encourage faculty to refer students

- Have a physical space
- Develop a marketing plan
- Use existing connections
 - Subject Librarians
 - GIS listserv

Develop partnerships

- Who else on campus is providing support to teaching and learning with data?
- Work on joint projects other than library services
 - More exposure to teaching faculty
 - Benefit to non-library partners

How can an individual subject specialist implement these findings?

- Partnering with:
 - Market Information Lab
 - Experiential courses and programs
- Encouraging referrals
- Organizing resources
- Supporting students' data use for projects



Thank You

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