HSLI 2018 Conference

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1.   Instructor and Librarian Collaboration on a Course Without a Textbook

Stacey Knight-Davis, Lauri J. DeRuiter-Willems, Eastern Illinois University

Abstract
We describe collaboration between a health promotion professor and librarian to design a course in the learning management system D2L that does not use a textbook. Instead of a textbook, materials from professional and governmental organizations, supplemented with library materials are used. This approach encourages critical thinking to integrate information from multiple sources. Students also become familiar with information sources they will use after graduation.

2.   Improve ILL Workflows with this OA Search Tool

Kirstin Duffin, Booth Library, Eastern Illinois University

Abstract
A growing number of web tools are available for discovering cost-free, open access, full-text scholarly articles. These tools are attractive to both ILL staff, who are interested in retrieving materials quickly for their patrons, and library and hospital or university administrators, who want to minimize operational costs. With so many tools available, which are most effective for the task at hand? This poster compares the services of Directory of Open Access Journals, Google, Google Scholar, Jurn, OAIster, OpenDOAR, and Open Access Button in their ability to locate full-text scholarly articles that are freely available online. While most of these tools offer metasearch functionality, one comes out on top with regard to quantity of successful results and ease of use. Findings have implications for optimizing the efficiencies of ILL departments; staff will feel empowered to conduct a sufficient search for open access materials prior to submitting ILL requests.

3.   Building an Assistive Technology Workspace

JJ Pionke, University of Illinois at Urbana-Champaign

Abstract
The University of Illinois at Urbana-Champaign Main Library is in the midst of creating a first floor service point. It was decided to add in an assistive technology working space for patrons. This poster focuses largely on a survey that was done to assess what potential users might want to see in the space. There is also a brief discussion of the current status of the project.

4.   **Creating a Consortium Task Force to Assess E-Resource Accessibility**

JJ Pionke, University of Illinois at Urbana-Champaign; with E. Sosnowska, Rutgers University and H. Schroeder, Michigan State University

Abstract
This poster examines the creation of a library task force within the Big Ten Academic Alliance to test e-resources for accessibility. The task force took two roads for this project. One was to hire two companies to do actual accessibility testing of e-resources and then to make those results public. The other path was to create boilerplate licensing language regarding accessibility for use in contract negotiations with vendors.

5. Finding clinical research in PubMed

Jennifer C. Westrick, Library of Rush University Medical Center

Abstract

Locating clinical studies in PubMed is a critical component of a systematic review. However, the categorization used by MEDLINE is not intuitive and can result in entire categories of trials being missed by librarians and other researchers. This poster will use images from PubMed to illustrate the classification schema used by MEDLINE.

PubMed uses MeSH terms to define clinical studies. Using the MeSH tree, this poster will define various types of clinical trials and demonstrate where to find them. Clinical trials can be found in many categories, including Article Types, Study Characteristics and Epidemiologic Studies. The filter that PubMed makes visible on its main search screen (Clinical Trials) identifies only a fraction of available clinical research. This poster will examine the various types of clinical research and illustrate where to find them in PubMed.

6. Assessing data management support needs of bioengineering and biomedical research faculty

Margaret H. Burnette, Christie A. Wiley, University of Illinois at Urbana-Champaign

Abstract

Numerous academic libraries worldwide are engaged in robust initiatives to help researchers manage research data form beginning to end of the research life cycle. These initiatives reveal a variety of small and full scale research data management services and programs. University of Illinois at Urbana-Champaign librarians are actively engaged in efforts to assess researcher needs regarding data management across disciplines. Some examples of engagement include but are not limited to environmental scans, analysis of data management plans, exploration of atmospheric and engineering researcher's perspectives of NSF-funded projects, focus group studies with graduate students and post-docs, promotion of institutional repositories, creation of a data repository and other data consultation and instructional endeavors. This study highlights Bioengineering and biomedical researcher's attitudes and perspectives toward research data management in the context of NIH funded research projects. We used semi-structured interviews to assess faculty research data needs and level of awareness of campus data services. Researchers were asked about their research projects, external collaborations, types of data collected, formats of data files, data management plans, data documentation, data storage, data sharing and deposit intentions.
The overall goals of this study were to gain a better understanding of researchers' data practices and to assess of their knowledge and use of campus data services. We sought to use the results to inform the future development of programs and services to support researchers, and to create and develop a health information focused research data management instruction program. The findings have direct bearing on the challenges in biomedical and bioengineering research that impacts health.

7.   Communicating and Visualizing Publication Data for Departments, Institutes, and Centers

Karen Gutzman, Patty Smith, Pamela Shaw, Matt Carson, Kristi Holmes, Northwestern University, Feinberg School of Medicine, Galter Health Sciences Library & Learning Center

Abstract

Introduction: One common aspect of bibliometric services in biomedical libraries is to communicate and visualize publication data for groups, such as departments, institutes, or centers. While these groups may have access to bibliometric data through library subscriptions to Scopus or Web of Science, or through open tools, such as Publish or Perish, they may need assistance in finding meaningful ways to communicate or display this data in reports, presentations, websites, or through other mediums. Objectives: The primary objective of this project is to identify communication strategies and visualization options for the bibliometric data of departments, institutes, and centers. Methods: We identify a few visualization options for biographic, bibliometric, and alternative metric data available in Scopus, Web of Science, or through other tools, such as iCite, or Publish or Perish. Additionally, we supply communication strategies for each of these visualizations, so that the information in the visualization is conveyed efficiently and effectively to the intended audience. The tools we use for creating the visualizations may include Excel, VOSViewer, Sci2Tool, InCites, Google Maps, Adobe Illustrator, Taxedo, Tableau Public, and more. Results: We will display each visualization on the poster accompanied by statements that further support the information being conveyed in the visualization. Our hope is to turn these visualizations into a larger catalog of visualizations for our users to choose from based on their needs and preferences. Conclusions: We will ask viewers of our poster to provide feedback on which visualizations and communications strategies they prefer. In our work, we track feedback on various types of charts or graphs, and we have our preferences and standards on what constitutes an appropriate visualization. However, we emphasize the importance of feedback from our users and consumers, creating a helpful conversation around their visualization and communication needs.

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8.   Navigating the Waters: Information Literacy at DePauw University - Science First Year Seminars and Global Health Courses

Caroline L. Gilson, DePauw University. Prevo Science Library, Julian Science & Mathematics Center

Abstract

As the science librarian at DePauw University (a private liberal arts university in Greencastle, IN, 2200 undergraduates), I meet with a wide range of science courses to talk about library resources and services. This poster will review library instruction strategies for two distinct groups of science students at DePauw: the DePauw Global Health courses and the science First Year Seminars. Through application of the ACRL Framework for Information Literacy and practices learned through Camp RIO, I will discuss how I navigate the waters when teaching information literary concepts in these specific programs at DePauw.

 (Camp RIO is a biennial retreat for reference and instruction librarians, sponsored by PALNI, the Private Academic Library Network of Indiana.)