

Outreach to Chinese Graduate Students

A colleague had occasion to meet with some Chinese graduate students and realized we were not reaching them in terms of letting them know about our library services. Through her personal connections and through the department secretary we set up a series of informal lunches with Chinese graduate students to find out their information needs and to get ideas on how to reach them. The lunches were very effective and we gained a great deal of insight into how they work and what they need to be successful.

Alison Bersani, University of Rochester

Literature Research Guidance Process (LRGP)

To increase the quality and quantity of my student research engagement, I began co-teaching several senior engineering design project classes and independent research projects with a method I call the Literature Research Guidance Process (LRGP). After presenting students with a benchmark of design project literature research best practices, I demanded senior design teams to invite me to multiple meetings where I facilitated literature discussions based on assigned readings. This process increased me advanced information literacy instruction from 3 projects and 8 students to 25 projects and 150 students.

Jim Clarke, Miami University

Trailer for TRAIL, the Technical Report Archive and Image Library

Take a look at the current release of TRAIL, plus a sneak peek at its coming attractions. While the following preview is approved for all audiences, TRAIL itself is rated R for reports of a technical nature.

Mel DeSart, University of Washington

Apps in the Stacks: QR Codes at the Point of Need

This talk will showcase how the Sexton Library applies the use of QR code signage in the stacks at the point of need for the user. QR codes are posted within the Standards and Journals collections and scan to mobile versions of "How-To" help guides.

Sarah Jane Dooley, Dalhousie University

A Guide to Engineering Standards

To design a library guide for standards really well, you really have to know what the users need to know. To paraphrase Robert. A. Heinlein and Steve Jobs, a library guide should educate the user well enough so that they are able to grok what standards are all about. How does this library guide do that?

Kevin Drees, Oklahoma State University

Google Patents: Promise and Problems

Google introduced its Patents database in December 2006 with United States Issued Patents. Pre-Grant Publications have been added recently. The best feature of Google Patents are the PDF versions of these documents. This talk focuses on problems with inaccurate and incomplete retrieval results for searches by inventor, assignee, and classification.

Charlotte Erdmann, Purdue University

Library Data for Student Success

During the 2011-12 academic year, a few of us set up some mechanisms to track every kind of library use we could associate with an individual. With the help of our Office of Institutional Research, we matched up library use with ACT scores, semester grades, and overall GPAs. Even controlling for many factors that might affect GPA, the results are...convincing.

Jan Fransen, University of Minnesota

Library Instruction for the Engineering Freshmen Academies at USC

The USC Viterbi School of Engineering has enhanced the Freshmen Academies Program to include all major disciplines in the Engineering curricula. This is focused toward making the "Freshmen" first year less stressful and to increase retention of the freshmen students in engineering and technology.

Najwa Hanel, University of Southern California

Introduction to the Data Information Literacy Project

An overview of the Data Information Literacy Project funded by IMLS currently being worked on by Purdue University, University of Minnesota, University of Oregon and Cornell. The talk will provide an introduction to the work we're doing, the approach that we're taking and what we're hoping to accomplish by the end of the grant period. As well as information about how interested librarians can follow the project's development.

Jon Jeffryes, University of Minnesota

Engineering South of the Border: A Librarian's Experience in Nicaragua

I will spend the first half of May'12 in Esteli, Nicaragua, as a volunteer member of a project to teach product innovation and development skills to students and faculty of the Nicaraguan national university system. The two leaders, Engineering and Business faculty members from GVSU, require no special expertise or language skills for volunteers, but are excited at the prospect of having a library professional among the support group in this year's eight annual iteration of the program. I look forward to sharing what I learn about engineering and academics in a culture eager to develop.

Debbie Morrow, Grand Valley State University

New Interface Design for Engineering Village

The Engineering Village interface is being redesigned to improve usability and save users time. In the new design, we aimed to more logically structure the pages, based upon user's needs. Users will recognize a new "add search field on the Quick Search tab, easier to scan results page to find an article quicker, view more facets on the results page without scrolling down and more results on a page viewing.

Steve Petric, Elsevier

Utilizing Lecture Capture to Enhance, Promote and Preserve Library Instruction at Michigan Tech

The Van Pelt and Opie Library at Michigan Tech received an internal grant to install an Echo360 lecture capture system in one of its classrooms. The system is being beta tested this summer to embed captured sessions into course LMS sites, market library instruction to new faculty members and train new librarians.

Margaret Phillips, Michigan Technological University

Data Education Working Group

This year I have been chairing a group of volunteer libraries faculty who are charged with assessing the current level of knowledge of the libraries faculty members regarding data. We are then planning educational interventions for the faculty. The goal of the group is to get all library faculty members up to speed on data to the point where they are willing to commence data work in their liaison departments, as needed.

Megan Sapp Nelson, Purdue University

Library Collaboration with an international Energy Research Institute

We would talk about the I2CNER (International Institute for Carbon-Neutral Energy Research) collaboration between the University of Illinois, Kyushu University in Fukuoka, Japan, and other research institutes, including Sandia National Laboratories, in which the Grainger Engineering Library is playing a key role. We are providing tools and services for research support, data stewardship, and database services for I2CNER.

Mary Schlembach, University of Illinois

Research, collaboration and outreach: PPD325

Students learn real life problem solving with team projects in Introduction to Personal and Professional Development, a one hour undergraduate class taught by an Assistant Dean of Engineering. I assist students with their team project research and join members of industry from across the state in evaluating the presentations.

Alice Trussell, Kansas State University

Launching an iPad Project: Lessons Learned

This past winter, my library launched a pilot project to loan iPads, containing a carefully-selected set of apps, to our patrons. Our goal for this project was to see whether and how students and faculty might use these tablets and whether we should tailor our collections accordingly. This lightning talk would summarize the process for launching the pilot and the initial findings from its first semester.

Karen Vagts, Tufts University

“Show and Tell”: Using Screencasting to Enhance Your Library Services

Screencasting using software such Jing and Screenr can be used to add video to email and chat reference services and to embed video in course guides.

Tom Volkening, Michigan State University

Information Literacy and Faculty Collaboration: A new Model for Student Learning Success

This talk will include these recent initiatives:

1. Re-purposing Library space – To accommodate ERAU's new URI (Undergraduate Research Institute) in the Hazy Library; collaborate with Director of the URI and faculty, helping imbed research and information literacy into the curriculum in support of our QEP: ignite: CREATE * RESEARCH * CHANGE
2. Library collaboration - With faculty in the creation of ERAU's QEP (Quality Enhancement Plan) for SACS re-accreditation (including librarian-authored white papers used in early brainstorming sessions for the QEP topic)
3. Trials & tribulations – Creating a Hazy Library Strategic Plan to help implement change in support of new university and library initiatives.

Watkins, Patricia, Embry-Riddle Aeronautical University – Prescott

Collaboration with High School Librarians: An Educational and Outreach Experience

Librarians at Vanderbilt developed a series of workshops to enhance the ability of high school Librarians/Media Specialists in Metropolitan Nashville Public Schools (MNPS) to support STEM education. The workshop content has been developed by a planning committee made up of librarians from Meharry Medical College, Peabody College of Education and Vanderbilt University as well as Meharry Medical School faculty and MNPS. Funding for this activity comes from a Science Education Partnership Award (SEPA) grant (#1R25RR026031) from the National Center for Research Resources (NCRR) a part of the National Institutes of Health (NIH).

Tracy Primich, Vanderbilt University