2013 LITA Forum: Concurrent Sessions

Analyzing and Modeling Wait Times for Better Operations and Service
Emily Morton-Owens, Nathan Cosgray

A large public, urban library seeks to analyze changing wait times for items placed on hold as a result of new materials funding and selection rules. The goal is to create a prediction model for wait times with adjustable inputs (like number of copies, delivery time between branches) and to quantify the effect of increased funding. We will discuss queueing theory, data extraction/transformation, privacy issues, and data analysis, and will relate the work to our library's previous project to reduce processing/delivery delays. The work would be applicable to calculating wait times for any limited library resource.

Emily Morton-Owens is Library Applications & Systems Manager for The Seattle Public Library and previously worked at NYU Health Sciences Libraries as Web Services Librarian. She holds an MSLIS from Drexel and an MS in Computer Science from NYU.

Nathan Cosgray is Senior Systems Analyst at The Seattle Public Library.

Assessing ourselves: thoughts on building and using an Assessment Database for Information Literacy
Kara Young, Dana Clark

Libraries are increasingly being called upon to provide information on how our programs and services are moving our institutional strategic goals forward. In support of College and departmental IL learning outcomes, we developed an assessment database to record and report assessment activities.   Library Systems was able to respond to Librarian needs by collaborating to identify what information is necessary to capture, where other assessment tools had fallen short, and ultimately by developing an application written in PHP, data stored in a MySQL database, and presented via browser making extensive use of JQuery and JQuery plug-ins for data collection, manipulation, and presentation.

Brace for Impact: New Means of Measuring Research Metrics
Mary Ellen Sloane

As open access journals and repositories gain a foothold in scholarly communication, researchers are finding that the traditional impact factor and citation count metrics only reflect a portion of the dissemination of scholarly works.

New technology, research, and citation tools aid our ability to measure the influence of research. A matrix of tools and initiatives, like PLoS Article-Level Metrics, BePress' Author Dashboard, Mendeley, Altmetrics, and ImpactStory are providing a more robust picture of scholarly communication today.

This presentation will provide an overview of the impact factor system and new tools for gathering metrics and their relevance for librarians and researchers.

Mary Ellen Pozzebon is the Scholarly Communications Librarian for Basic and Applied Sciences at Middle Tennessee State University in Murfreesboro, TN. She has published and presented on topics such as collection development, electronic resources management, web management, and library consortia.

Bringing Local History to Life
Nathan Flinchum

Patrons with smart devices open up a whole new world of interactivity. By using augmented reality and other social and web-based tools, archives and local history departments can bring primary sources to citizens in their original settings. Find out how to bring your local history collection to life in this session!

Nathan Flinchum is the Virginia Room Librarian at the Roanoke Public Libraries in Roanoke, Va. Prior to running the library's genealogy and local history department, Nathan was the Community Technology Librarian, coordinating technology-related programming and training across the library system.

Creation-based Technology in Children's Programming
Claire Moore

Integrating technology into the modern day children's library is gaining momentum both in services and storytimes. By being a location where many children can experience new technologies for the first time, libraries can also provide opportunities for unstructured learning and collaboration using these tools. In this presentation attendees will be given examples of apps and other tech tools that foster learning and creativity in library programs.

Claire Moore is the Assistant Head of Children's Services at Darien Library in Connecticut. She currently serves on the School Age Programs and Services Committee for ALSC, the Association for Library Service to Children

Digital Creation:In 3D!
Dan Alexander

How can digital creation can be brought into the the tactile world? Explore tools and processes such as material cutters, templates, video projection techniques, papercraft, e-textiles,

circuits/microprocessors, & 3D model creation that brings digital data beyond the virtual. Investigate the techniques, services, and software driving the maker movement.

Dan Alexander is the Technology Coordinator for the Northeast Kansas Library System. As a lifelong maker and artist, Dan is thrilled to see libraries embracing the Maker movement. Over the last year, Dan has become a resource for public libraries and his local community, by helping to foster maker programming in public libraries across the northeast Kansas region and as a founding member of the first community driven makerspace in Lawrence, Kansas: Lawrence Creates.

Discovering Discovery
Annette Bailey, Godmar Back

While there can be no question that the technological innovations of recent years have allowed libraries to find new and innovative ways to serve their communities, many of the recent developments in the field of electronic resources and discovery systems hide the communal act of transaction, once so common at the circulation desk, from the community. This session will introduce a visualization tool that analyzes and displays a discovery system's activities in real time, creating an anchor for public displays that raise awareness of digital collections and promote a sense of community use.

Annette Bailey is the Assistant Director for Electronic Resources and Emerging Technology Services at the Virginia Tech University Libraries

Godmar Back is Associate Professor in the Virginia Tech Department of Computer Science

Andi Ogier is Electronic Resource Management Specialist at the Virginia Tech University Libraries

Getting Buy-In On User-Centricity
Coral Sheldon-Hess

It isn't a new argument: "The library website is for patrons." "But the people who use it the most are staff! What about our needs?"

This session will start with a presentation, outlining my experience building trust within my library, getting buy-in from (most of) the library's staff, and ultimately developing a plan for the library's web presence--a plan in which website analytics and usability testing with patrons are given primary importance.

The remainder of the session will be a discussion, allowing attendees the chance to share their successes and challenges and to get ideas from one another.

Coral Sheldon-Hess is the Web Services Librarian at the University of Alaska Anchorage. She was a 2012 ALA Emerging Leader and a 2010 participant in PNLA's Leadership Institute. She holds an MLIS from the University of Pittsburgh and an M.S. in Electrical & Computer Engineering from Carnegie Mellon. In her

spare time she co-founded and now co-manages a programming workshop for women, crochets, geeks out, bicycles (poorly), and evangelizes on behalf of the Oxford comma. You can find her blog at sheldon-hess.org/coral, or follow her on Twitter at @web_librarian.

Here Comes the Sunburst: Measuring and Visualizing Scholarly Impact
John Barnett, Jennifer Chan

Our ARL institution partnered with a new service to track, measure, and visualize faculty scholarly impact. In a pilot project, both traditional and emerging measures of scholarly impact were collected for 32 researchers. The presenters will chronicle the data management and enhancements applied, including utilizing content from our institutional repository, importing and enriching metadata, and using an intranet to organize work and collaborate with colleagues. Results will assist faculty and those who work with them to identify strengths and weaknesses of scholarly impact and where to focus efforts to increase research visibility.

John Barnett is Scholarly Communications Librarian with the Office of Scholarly Communication and Publishing, University Library System, University of Pittsburgh.

Jennifer Chan is Assistant Scholarly Communications Librarian with the Office of Scholarly Communication and Publishing, University Library System, University of Pittsburgh. She is a 2012 graduate of the iSchool at the University of Pittsburgh.

Improving user engagement in a data repository using web analytics
Summer Durrant, Heather Coates

A goal of data curation activities is to enable discovery and reuse of valuable data sets. How well repositories facilitate these activities is difficult to measure with existing metrics. In this presentation we will discuss how to utilize usage statistics from DSpace (Apache SOLR) and Google Analytics to better understand how researchers discover, access, and use datasets archived in an institutional repository. Our focus will be on data analysis to explore the information seeking needs and behavior of data repository users. Ultimately, this analytic approach will inform the outreach, marketing, and impact evaluation of data repositories.

Summer Durrant is Data & Geographical Information Librarian at the University of Virginia. She is also Google Analytics Individual Qualification (GAIQ) certified.

Heather Coates is the Digital Scholarship & Data Management Librarian at Indiana University-Purdue University Indianapolis (IUPUI) University Library and serves as liaison to the Fairbanks School of Public Health. Prior to becoming a librarian, she worked as a research coordinator for clinical and behavioral psychology research teams.

Integrated Discovery: Students' Cross-platform Search Practices
Andrew Asher

Using ethnographic data from six universities, this presentation examines how students utilize various search and discovery systems (including Ebsco Discovery Service, Summon, Worldcat Local, Google, and Google Scholar) to identify and locate information for academic assignments. Moving beyond user needs analysis, this presentation focuses on how students switch between search systems and the processes by which they integrate results across platforms. Based on these conclusions, this presentation will also explore data mining techniques that can be used in conjunction with qualitative methodologies to verify results, and will make recommendations for modifying search tools to respond to students' research practices.

Andrew Asher is the Assessment Librarian at Indiana University Bloomington, where he leads the libraries' qualitative and quantitative assessment programs and conducts research on the information practices of students and faculty. Asher's most recent projects have examined how "discovery" search tools influence undergraduates' research processes, and how university researchers manage, utilize, and preserve their research data.

Prior to joining Indiana University, Asher was the Digital Initiatives Coordinator and Scholarly Communications Officer at Bucknell University, where he managed the library's open access and scholarly communication initiatives, including the passage of an institutional open access mandate.

From 2008-2010, Asher was the Lead Research Anthropologist for the Ethnographic Research in Illinois Academic Libraries (ERIAL) project, a two-year study of student research processes at five Illinois universities and the largest ethnographic study of libraries undertaken to date.

An ethnographer and anthropologist by vocation, Asher holds a PhD in sociocultural anthropology from the University of Illinois at Urbana-Champaign, and has written and presented widely on using ethnography in academic libraries, including the co-edited volume, College Libraries and Student Cultures (ALA Editions, 2012).

Into the Data Mine: Practical Applications of Hadoop Map/Reduce and Challenges of Working With Large Community Data Sets
Jeremy Browning, Lynn Silipigni Connaway, Ph.D.

Map/Reduce programming has been around for many years. However, with the recent creation of the Hadoop architecture this technology has become more accessible to the larger community. A growing community of developers, engineers and scientists now rely on this technology to process large community data sets. This presentation will explore practical applications that leverage the power of Map/Reduce programming in the Hadoop world. A short introduction to Map/Reduce and Hadoop explaining how these technologies can and have been used to address practical questions and problems

will provide "real world" applications. Challenges experienced and ideas to address them will be discussed.

Jeremy Browning, is a Consulting Software Engineer at OCLC Research. He received his BS in Computer Information Systems from Devry University. His current projects focus on data mining, data visualization, and large community data sets using the Hadoop architecture.

Lynn Silipigni Connaway, Ph.D., is a Senior Research Scientist at OCLC Research and leads a research team. She has experience in academic, public, and school libraries, as well as library and information science education. She was a Visiting Researcher at the University of Sheffield, Information Studies Department, and completed several UK projects funded by JISC to investigate users' behaviors, including virtual research environments and digital repositories. Dr. Connaway currently is collaborating with JISC and the University of Oxford, in partnership with the University of North Carolina, Charlotte, to study digital visitors and residents. Other current research projects include studying bibliographic issues related to how people look for and get their information and mining WorldCat bibliographic and use data to facilitate library decision making. She is the co-author of the 5th ed. of Basic Research Methods for Librarians published in October 2010, has published numerous papers in refereed journals and has won an ALA and an ALISE research award in 2012 and 2013. Dr. Connaway presents her research in both national and international venues and is frequently an invited keynote speaker at professional and scholarly conferences and programs. Prior to joining OCLC Research, Connaway was the Vice-President of Research and Library Systems at NetLibrary, the director of the Library and Information Services Department at the University of Denver, and on the faculty of the Library and Informational Science program at the University of Missouri, Columbia.

Leader in the Crowd: Collaborating with the Community via Crowdsourcing
Randy Kuehn, Carrie Daniels, Terri Holtze, Rachel Howard

Crowdsourcing offers an opportunity to involve community members in library projects, while providing a platform for libraries to improve access to resources. Our library decided to take the plunge into the crowd, and ask for assistance in the manual transcription of an historical African American newspaper. During our discussion, we will be covering topics such as the importance and purpose of this project as well as software selection and customization. In the end, this presentation will examine the trials, tribulations, and triumphs of an academic library's experience with a crowdsourcing project from beginning to next steps.

Carrie Daniels is an Associate Professor and Director of Archives and Special Collections at the University of Louisville.

Terri L. Holtze, Head of Web Services, University of Louisville

Rachel Howard is an Associate Professor and Digital Initiatives Librarian at the University of Louisville.

Randy Kuehn is an Assistant Professor and Digital Technologies Systems Librarian at the University of Louisville.

Library support to researchers in the field
Wayne Johnston

An agricultural researcher is in her crops making measurements and taking photographs.

A political science researcher is in Ecuador interviewing indigenous people about grass-roots organizations.

An entomologist is studying disease resistance of honey bees in Vietnam.

We develop services, technologies and infrastructure for researchers on our campuses but we tend to leave them to their own devices when they are conducting research in the field. What can the library do to better support data collection using mobile devices, storing data safely and securely while in transit, syncing data on mobile devices with the infrastructure "back home"? What is the role of next generation electronic laboratory notebooks? How can the data "back home" be made more accessible for consultation while in the field? What are the challenges of relying on mobile devices while working in developing countries? How do these questions fit within the broader context of the library's work in research data management, data preservation and data sharing?

These questions will be informed by case studies involving researchers such as those described above. My interest is to identify the specific challenges faced by researchers in different contexts and identify tools and strategies that can address those challenges. I would welcome this opportunity to delve into these questions, share my findings, and garner input from other attendees.

Wayne Johnston is the Head of Research Enterprise and Scholarly Communication at the University of Guelph. Relevant to the topic at hand, he has experience working in Ghana, Nepal and Canada's Arctic.

Making Makers - Developing Maker-Educators for Library Programs
Matt Barinholtz

As making activities expand in our learning commons, where can we find - or develop - highly effective maker-educators to grow sustainable programs? If you're wondering how to develop your base of makers who are great teachers – or grow the stickyness of maker programming – this exploration of traditions, trends and relationship building will accelerate your initiative. Drawing on best practices from science and art centers, youth programs and enterprising makerspaces, participants identify key resources, readiness and relationship-building tools for maker-educators in their communities. Participants leave with an assessment tool and rapid plan for initial or extended maker-educator development.

Matt Barinholtz is the founder of FutureMakers, a mobile makerspace for grade and middle school students in the counties surrounding Baltimore and Washington, D.C. Developed by a team of educators and makers, FutureMakers brings making to public, private, homeschool and out-of-school time learning centers across the region. As resource for libraries, they connect programs with highly skilled maker-educators, and bring a full complement of traditional and digital fabrication tools and materials into spaces that serve small and large groups of young makers. FutureMakers believes kids need tools, not just toys. Learn more at www.kidsmakethingsbetter.com.

Making our futures: how hardware could further free libraries
Jason Griffey

For years, libraries and librarians have been using open source software to benefit our patrons and staff. We are at a point where the development of low-cost hardware makes it is possible that libraries could save significant costs and extend capabilities by embracing open hardware. The growth of the Maker Movement around the country illustrates what is possible in libraries now and what capabilities open hardware may provide us in the future. This presentation discusses the Maker Movement, the different platforms for building custom hardware, and how libraries might benefit from embracing their inner Makers.

http://jasongriffey.net/

Making the next Mario: Cultivating a space for game designers
Mike Kiel, Bill Helman

Deep dungeons, cunning clones, free loot and ancient relics from the 8-Bit Era: Join us on our epic, and somewhat unexpected, adventure to build a collaborative space for scholars and students to learn about the history and craft of game design. We will discuss the challenges of re-purposing an unused area and building a miniature art and design lab, along with the benefits these initiatives have brought to the library and campus community. At key points during the presentation we will invite members of the audience to participate in a demo of some of the technology used in the space

Mike Kiel is a Reference and Instruction Librarian at the University of Baltimore. In addition to his involvement in administering the recently founded game collection, he serves as the Federal Depository Library coordinator and is the treasurer of the Maryland Information Literacy Exchange.

An adventurer in the Colossal Cave/Dungeon sort of way, **Bill Helman** is also the Digital Services Librarian at the University of Baltimore and an urban cyclist.

Measuring Effectiveness of Library Resource Discovery on Tablets & Mobile Devices

Suzanna Conrad, Julie Shen

The university library presenting this talk launched its first mobile website in 2007 and has since continued developing mobile websites, however mostly with the feedback of library staff rather than student users. As mobile devices and tablets become more prevalent it is becoming crucial to have a better understanding of students' mobile and tablet usage patterns so that more decisions are data-driven and based on user expectations. This presentation will detail the findings from a study assessing usability of the library's website for tablets and mobile devices, which included surveying of students and two rounds of focus group testing.

Suzanna Conrad is Digital Initiatives Librarian at California State Polytechnic University, Pomona and the Chair of the Technology Interest Group for the California Library Association. **Julie Shen** is the Business and Computer Science Librarian at California State Polytechnic University, Pomona.

Metadata challenges with Uniform Resource Discovery and Delivery systems

Edward Corrado, Rachel Jaffe

Many libraries are utilizing or considering Uniform Resource Discovery and Delivery (URD2) systems as a means to provide a single interface for users to find resources contained in various information silos. These silos may include Integrated Library Systems (ILS), digital repository and preservation systems, and journal discover systems such as Primo Central and Summon. While URD2 systems provide convenient, one-stop shopping, often they are unable to search or display all of the metadata that users would have access to if they were to search the native system. This may cause a weakening of context for users. This presentation, based on the presenters' experience implementing the Primo discovery and delivery system and the Rosetta digital preservation system at Binghamton University, will offer insights into common metadata-related issues with URD2 system and propose useful suggestions to help librarians confront these challenges head-on.

Edward M. Corrado is Director of Library Technology at Binghamton University located in Binghamton, NY (USA). At Binghamton he provides leadership for information technologies and digital initiatives and overall direction, administration and management of computer resources, and systems in the Libraries. He earned his Masters of Library Service from Rutgers University. Corrado has published and has presented at national and international conferences on issues relating to technology in libraries including Open Source Software, Digital Preservation, and Web 2.0 in libraries.

Rachel Jaffe is Metadata and Cataloguing Librarian at Binghamton University. She catalogues print and digital objects using MARC and Dublin Core formats. She also creates metadata resources for people working with the Libraries' Rosetta digital preservation system. Ms. Jaffe is a recent graduate of the School of Information Studies at McGill University.

My #HuntLibrary: Building new things despite uncertainty and risk
Bret Davidson, Cory Lown

For the opening of our new library we developed a platform to foster student engagement with the new building via social media and a plan to preserve and archive this content. We were unsure whether students would participate. It was also unclear to us how to handle donor agreements and preserve harvested content. Despite many uncertainties we planned and finished the project in two months. Using this project as a case study we will explore the value of efficiently completing projects despite uncertainty and risk, along with the culture, practices, and tools that enable this.

Bret Davidson is currently a Digital Technologies Development Librarian at the North Carolina State University Libraries. He serves as technical lead on Suma, an open-source, tablet-based physical space and service usage assessment toolkit, and is a developer on several other active NCSU projects including My #HuntLibrary, a community-driven photo application built on Instagram, and Library Course Tools, a custom application for integrating course-specific resources into the library web site.

Cory Lown is Digital Technologies Development Librarian at North Carolina State University Libraries where he works collaboratively to design and develop applications to improve end-user resource discovery and use of library services. He has contributed as a developer and/or interface designer to a number of projects, including My #HuntLibrary, WolfWalk, QuickSearch, and the latest version of the Libraries' mobile website.

Take better care of library data and spreadsheets with Google Visualization API Query Language
Bohyun Kim

Libraries keep a lot of data as spreadsheets and HTML lists / tables. They also tend to be duplicated in different units in slightly different formats. Creating a web application with a database is a good but not always available, convenient, or efficient solution at small libraries. This presentation will look at Google Spreadsheet and Google Visualization API Query Language and explain how they can be used together to quickly share data on the Web. With a few other tools, you can share, format, and display data dynamically in a customized format minimizing the effort to update multiple data sources. (100 words)

Bohyun Kim is the Digital Access Librarian at Florida International University Medical Library in Miami, FL. She has particular interests in library innovation and emerging technologies and has worked in web services, e-resources management, digitization, reference, and instructional technologies. She blogs at Library Hat and can be found at @bohyunkim in Twitter. She was a 2011 American Library Association Emerging Leader sponsored by LITA and a 2011 Code4Lib Minority Scholarship recipient and holds a MSLIS from Simmons College and a MA in classical philosophy from Harvard University.

Terms of Use (Your Metadata's Showing)
Kathryn Stine, Laura Krier

As metadata becomes of the open web, there are new considerations for libraries around ownership, privacy, sharing, and governance. How can LAMs encourage or facilitate use of the metadata they manage, and why would they want to? How do we make sure that metadata use policies across various services work in concert, build on the promise of linked data, and still address privacy and respect existing licensing agreements? Join us for a facilitated discussion on metadata management and policy development where we'll present case studies and work together to begin a conversation about crafting best practices for metadata use.

Kathryn Stine is a metadata analyst in the Discovery and Delivery group at the California Digital Library working primarily on a new HathiTrust Metadata Management System (HTMMS). As part of the CDL HTMMS team, she works closely with staff at the University of Michigan to migrate and reconcile a massive amount of contributed bibliographic metadata, develop or revise workflows and guidelines, and identify and address metadata policy issues, all in the context of the new system.

Laura Krier is a principal metadata analyst at the California Digital Library where she provides metadata analysis for the Discovery and Delivery group in support of shared print initiatives, WorldCat Local implementation, and other UC-wide library system projects. As lead metadata analyst for PAPR, a system designed for cooperative collection analysis, Laura is involved in data modeling and system development, analysis of large set of MARC record data, and requirements gathering during iterative project development.

The Ins and Outs of Launching a Badging System
Linda W. Braun, Chris Shoemaker

Sure, displaying badges you've earned, on social sites, to friends, colleagues, and employers is fun. But, creating a professional development badging system for library staff takes thinking carefully about how online learning works and what is required in a badging learning management system. Participants in this session will learn about the challenges of building a badge system from scratch and discuss the best ways to build a community infrastructure for peer feedback and support within a badging environment.

Linda W. Braun is an educational technology consultant with LEO: Librarians & Educators Online, she acted as the Project Manager for YALSA's Badges for Lifelong Learning Project. Linda is also a Professor of Practice at Simmons College Graduate School of Library and Information Science and writes the Unbound Word column for VOYA. She was the 2009-2010 YALSA President.

Chris Shoemaker was born and raised in California and got his MLIS from UCLA. He works as the Young Adult Programming Specialist for The New York Public Library, and specializes in helping libraries connect to teens through digital technology programs and social networking. He has used games based learning programs to educate teens on social challenges, and recently developed a transmedia literacy program using fashion commercials and badges based learning evaluation. A member of the YALSA

board of directors, Chris also reviews books for Kirkus and School Library Journal and is an adjunct instructor at Queens College, CUNY.

The Maker Movement and the Library: Creating, Collaborating, and Learning at the Louisville Free Public Library
Charlton Braganza, Nicole Dixon

This presentation is about our efforts to further the Maker Movement in Louisville through creative programming and collaboration. The Louisville Free Public Library (LFPL) is in the process of pulling together several initiatives into a cohesive Maker effort. Using grant funds, LFPL created a Mobile Make Lab in 2011. The collection of gadgets and software is used in all 18 branches of LFPL, in schools, and community centers. In 2012, Louisville's local hackerspace (LVL1) donated 3 Makerbot Replicators to the library. LFPL teaches Basic 3D Modeling and offers printing demonstrations. This summer, LFPL hopes to have a Maker-In-Residence from LVL1.

Charlton Braganza is a Reference Services Manager at the Louisville Free Public Library. Charlton has a Master's Degree in Library Science and a Bachelor's in Computer Science from the University of Kentucky. He can be reached at Charlton.braganza@lfpl.org

Nicole Dixon is a Community Outreach Supervisor at the Louisville Free Public Library. She leads the Library's Tech Connects Team and supervises the Job Shop. The Tech Connects Team includes Training Specialists and Outreach staff who teach computers classes and promote library services throughout the community. Her prior positions include Community Outreach Coordinator and Workforce Development Supervisor. Nicole has a Master's Degree in Library Science from the University of Kentucky. You can reach Nicole at Nicole.Dixon@lfpl.org.

Tinker, Teacher, Maker, Space: Two Co-working Experiments in the Academic Library
Charlie Bennett

A report on linked co-working space experiments in an academic library. Using maker spaces and start-up accelerators as models, the library created two new spaces: 1) an open, studio-style classroom for a multi-disciplinary, team-taught class on innovation; 2) a student-programmed space encouraging entrepreneurship and start-up culture. Each experiment included repurposing an existing Library Commons space along with collaborations with faculty, academic professionals, and students. Obstacles included budget, shifting user expectations, and limits on outside ownership of library space. This presentation will address the why and the how of these two experiments and will be accessible to a general LITA audience.

Charlie Bennett is the Undergraduate Programming & Engagement Librarian for the Georgia Tech Library. Previous to earning an MLIS in 2011, he worked as a Library Commons Coordinator and as a

Circulation Desk Manager. He co-hosts Lost in the Stacks on WREK Atlanta with Ameet Doshi (http://lostinthestacks.org).

Tools and workflows for building a collaborative, library-based data management service
Stacy Konkiel, Eric Snajdr

As the research data management "grand challenge" continues to vex universities, academic libraries have emerged as a key player in data preservation and accessibility. Our university has taken a highly decentralized approach to addressing researchers' data management needs, one that has required much ad hoc, inter-campus collaboration between regional campus libraries and departments. This presentation will describe the common technologies, workflows, and cross-campus partnerships we have leveraged in order to build a cohesive, library-based scientific data management service that meets the needs of all researchers, regardless of digital curation experience.

Stacy Konkiel is a Science Data Management Librarian at Indiana University Bloomington. Her research interests include the application of altmetrics in institutional repositories and how libraries can adopt new models of scholarly communication to help accelerate research. Prior to joining the Scholarly Communication Department within the IU Libraries, she worked at the innovative, non-profit, STEM publisher, Public Library of Science (PLOS), and on the ScholarWorks team at the W.E.B. DuBois Library at UMass Amherst.

Eric Snajdr is a Science Librarian at Indiana University - Purdue University Indianapolis. He received his MLS from Indiana University Bloomington, his Master of Arts in Teaching (Science) and B.A. in Zoology from Miami University, Ohio.

Usable Accessibility in Library Web Design
Jason Battles

Accessibility is a longstanding goal for web developers, but it has often been something verified at the end of the design or redesign process. President Obama's 2011 recommitment to enforcing Section 508 of the Rehabilitation Act sparked efforts to bring web sites into compliance. While Section 508 requires that all web site content is accessible to those with disabilities, worldwide guidelines like WCAG are better models to follow for your library. This presentation will discuss doing more than simple compliance by implementing accessibility with usability in mind in order to truly meet the needs of all of our users.

Jason Battles is Associate Dean of Library Technology Planning and Policy at the University of Alabama Libraries. In this position, he is responsible for the departments and units providing desktop and network support, web and application development, ILS and discovery services, and digitization of library special collections. He has over 15 years of experience with web development, systems

administration, and programming. Currently, Jason is involved in responsive web design, digital humanities, e-Science, and user accessibility projects. He has served on or chaired multiple LITA committees and presented several times at previous LITA Forums.

Using A/B/N Testing to Improve User Experience of Library Websites
Scott W. Young

This presentation explores how A/B/N testing can enhance the usability of library websites. This innovative and agile technology collects advanced analytics that reveal new insights into user behavior and user expectations. Questions to be answered:

- What is A/B/N testing?
- How does A/B/N testing fit into existing analytics tools?
- How can I implement this technology?
- How can I manage this data and interpret results?

Come learn how to work with this technology, how to start gathering new data, and how to make your library website better with A/B/N testing.

Scott W. Young is a Digital Initiatives Librarian at Montana State University, where he designs and develops projects involving digital collections, web analytics, web design, SEO, user behavior, social media, and information architecture.

Utilizing Technology in Information Literacy Instruction to Create and Engage the Classroom Community
Anita J. Slack

Anita Slack, a librarian in her first professional position, shares her experience with integrating technology into the information literacy classroom. Multiple challenges exist in a two-year, rural, community college specializing in unique, hands-on majors such as John Deere, Construction, and Machining, and non-traditional majors like Conservation Law Enforcement, Homeland Security, and Agribusiness. Also, the rural location has placed many students on the wrong side of the digital divide. Other challenges include: limited financial resources, limited colleague and and institutional support. Slack presents free, easy to use technologies that foster a sense of classroom community and engagement without overwhelming students.

Anita Slack holds Bachelors and Masters degrees in English and Master of Library and Information Science from Kent State University. She is currently working in her first professional position as Information Services Librarian at a rural community college in Indiana. Her main responsibilities include administering electronic resources, providing information literacy instruction to liaison areas, and reference service. Her research interests include information literacy and utilizing technologies in library instruction and services.

Who Favorited That?

Ken Varnum

Our library built a tool to allow web site visitors to save items from the article discovery tool, the catalog, and the journal and database finder for future use. When students save an item, they are prompted to add a tag, with their currently enrolled courses suggested. This talk will describe the results of a study of the first year's use of the tool. This presentation will explore the following topics: What kinds of students use course tags? How do items with a course compare with reading lists for those courses? How are students using the saved items?

Ken Varnum is the Web Systems Manager at the University of Michigan Library, where he manages the library web site and development of new features and functionality. He received a masters degree from the University of Michigan's School of Information and his Bachelor of Arts from Grinnell College. He has worked in a range of library settings -- large and small academic, corporate, and special. He led the University of Michigan's implementation of Summon using the Summon API in a Drupal site in 2010. An active member of the library technology world for 18 years, Ken's research and professional interests range from Drupal and site redesign to user-generated content. His book, Drupal in Libraries, was published by ALA TechSource in 2012.

Wide Open Spaces: Accessibility of Library Media and Technology Services

Lily Sacharow

With a focus on current efforts to promote accessibility in a developing academic library Media Commons, this session will feature an overview of ways to "think accessible" in the startup phases of a new technology-based service point, and will draw from these experiences to explore the implementation of the same ideas within an existing service. An accessible library service requires attention to the needs of patrons with both physical and invisible disabilities and learning differences, as well as a support system to assist information and access needs of people across a broad spectrum. Emphasis will be placed on communication and collaboration between departments, divisions, and resources.

Lily Sacharow is a current LIS masters student at the University of Illinois Urbana-Champaign and a graduate assistant at its Undergraduate Library. A recent graduate of Minnesota's Carleton College, she has been focusing on topics of accessibility in academic and library environments for over four years. Previous work in this area includes founding and leading Carleton's Assistive Technology program and guiding accessibility evaluation and implementation initiatives in her current library workplace. She hopes to pursue a career working with the development and promotion of accessible resources to diverse and special needs student populations.

Wikipedia as a Site to Publish and Promote Patrons

Megan Wacha, Alexis Seeley

From the Wikipedia Loves Libraries campaign to the hiring of an OCLC Wikipedian-in-Residence, libraries are embracing the free encyclopedia that anyone can edit. These programs support open culture, promote discoverability of unique collections, and strengthen relationships with patrons in the virtual and physical worlds. This session details an initiative that uses Wikipedia for two additional aims. First, to collaborate with outside departments to make underrepresented groups more visible on Wikipedia, both in the content of its articles and its community of editors. Second, to use Wikipedia edit-a-thons as a means to empower users as both consumers and producers of knowledge.

Megan Wacha is the Research and Instruction Librarian for Media and the Performing Arts at Barnard College, Columbia University. Her research interests include twentieth century American concert dance, issues of information access, and the intersections between these two areas.

Alexis Seeley is the Manager of Instructional Media & Technology Services at Barnard College, where she helps faculty with curriculum development and technology integration as well as supporting student with their production of media related projects. She translates her passion for youth development and film & video production into a role that helps faculty and students use and create multimedia projects.