

St. Louis Regional Library Network

TECH EXPO

2020

SCHEDULE

*Purser Center
Logan University
March 4, 2020
#SLRLN2020*

9:00-9:20 AM: REGISTRATION & REFRESHMENTS

9:30-10:20 AM: SESSION 1

Borrowing STEM Kits from the State Library

Janet Caruthers, Missouri State Library
North Maybee Hall

The Missouri State Library will briefly introduce their new STEM kits available for circulation to Missouri school and public libraries, as well as cover the basic policies and procedures for borrowing and using the kits. Afterwards, participants will have hands-on time to interact with and use the four different STEM kits including Code and Go Robot Mice, Dash and Dots Robots, Cubelets, and classroom VR headsets.

A&OER Textbooks and College Students

Lisa Farrell, East Central College
South Maybee Hall

East Central College, a community college in Union, is in its first academic year of a pilot program of Affordable and Open Education Resources textbooks. Started in Summer 2019 with 5 classes, Fall 2019 included 40 sections and 9 courses in the Pilot. Courses range from Biology and Algebra to General Psychology and Public Speaking. The Library has been an integral part of the pilot project committee, finding sources of A&OER for certain courses, purchasing a print copy for course reserves and informing students of the courses with A&OERs (via Libguides and orientation). This presentation will cover history of A&OER at ECC, current courses, statistics of cost savings to students, cost increases to library, as well as student success with grade distribution and student survey responses. It will include tips to working with faculty, administration and other departments of registration, imaging services and the bookstore. The faculty have selected books from OpenStax, FlatWorld and Open Textbook Network.

10:30-11:20 AM: SESSION 2

Beyond Basic Google: Tools and Tips for Maximizing Your Productivity

Sandy Schiefer, University of Missouri

North Maybe Hall

We are familiar with Google and some of its basic capabilities; however, there are many other powerful, and perhaps less well known, Google tools that can help the user. This presentation will introduce some of those tools and ways they can help improve accuracy and productivity. Among the more powerful Google tools that attendees will learn about are Advanced Searches which allow customized date ranges and other specific conditions in the command line; Videos, providing much broader sets of results than YouTube; Reverse Image for discovering when an image was created and its original version; Forms, useful for creating customized questionnaires and polls; Translate, for robust interlanguage communication; Maps, Earth, and Sky for exploring the neighborhood, foreign lands or the solar system; and of course the very flexible Google Suite, comparable to many of MS Office tools. Tools for developers can optimize your websites with Google Page Speed, Test My Site, and Search Think. Monitor the web for interesting new content using Trends and Alerts. Google Keep offers a variety of tools for taking notes, including text, lists, images, and audio.

When attendees leave Beyond Basic Google they will have an expanded appreciation for the power, flexibility, and variety of Google's capabilities and will likely already have ideas for applying them to current and future projects.

Metadata Wrangling as a Group Sport:

Update on DPLA and Missouri Hub

Emily Jaycox, Missouri Historical Society

South Maybee Hall

DPLA, the Digital Public Library of America, aggregates metadata for digitized resources from contributing "hubs," offering a portal for searching across collections. MissouriHub formed in 2014 to contribute content and joined DPLA in 2018 as a full member. Over 225,000 records from 14 Missouri libraries are now discoverable in DPLA. In 2018 DPLA had a tumultuous year with significant staff cuts. While DPLA seems to have stabilized, the situation led MissouriHub to reconsider its purpose and sustainability also, especially after MissouriHub's sole "data wrangler" moved out of state. As a first step toward a more broadly participatory metadata aggregation plan, MissouriHub sponsored a "Library Carpentry" workshop in December 2019. What did the participants learn, and what are DPLA and MissouriHub's plans for the coming year? What are some pros and cons of collaboration on digitization projects across institutional lines?

11:30 AM-12:20 PM: SESSION 3

America Unfolds: Mapping Census Data to Understand Patterns and Trends in the U.S. Population

Rebecca Hyde, Saint Louis University

North Maybee Hall

Mapping U.S. Census data allows users to analyze demographic changes in the United States at macro and micro levels: from exploring population shifts during the Great Migration, to examining neighborhood change, and even delving into personal histories. We'll explore real examples of how you can use mapping to explain the power of Census data, and help students understand how to use it as a supplement to other primary and secondary sources in their research. This presentation will focus on using Social Explorer as a tool for mapping and accessing historical and current Census data, but will also touch on free options for data, mapping, and how to ensure you and your patrons are part of the future story of America with Census 2020.

Digital Literacy Beyond the Basics: Take it to the Next Level

Ruthie Rochman, University City Public Library

Christa Van Herreweghe, Kirkwood Public Library

South Maybee Hall

Libraries are on the forefront of the expanding digital divide. How can you do more to get staff up to speed, resulting in better help for your patrons? This presentation will give you some background on digital literacy and help you identify your patron's top 5 digital literacy needs. We will show examples of free and paid resources available to help with training staff and answering patron questions. Keep your services relevant by planning and adapting to this ever-changing landscape.

12:30-1:20 PM: LUNCH

1:30-2:20 PM: SESSION 4

How Controlled Digital Lending Works for Libraries

Chris Freeland, Internet Archive

North Maybee Hall

Book scanning projects have made tremendous strides in bringing public domain literature online for the world's scholars and enthusiasts, but materials published after 1924 are still not widely available due to US copyright restrictions. The Internet Archive has developed a controlled digital lending service that enables libraries to digitize and lend a digital version of a non-circulating physical volume stored on their shelves. Through controlled digital lending, libraries can make available the 20th-century scholarship that is largely absent from their digital holdings in a way that respects the rights of authors and publishers. Controlled digital lending works at regional, statewide, and consortia-scale as well, enabling groups of libraries to pool their print collections and lend ebooks against copies not in circulation.

How to Teach the Most Popular Class in Technology: Cutting the Cord

Justin McEachron and Heather Wefel, St. Charles City-County Library District

South Maybee Hall

What started as a one-off technology class for our library customers, "Cut the Cord: Next Generation TV" quickly became the most-attended technology class in the whole St. Charles City-County Library District. For the 2020 Tech Expo, we plan to show you how to teach this challenging, yet exciting class, including what areas are important to cover, how to field questions, and where to find the latest information on this emerging technology. After that, we will broaden the focus to show how the principles we adhered to with "Cut to the Cord" (staying up to date on a technology that is changing daily, communicating difficult ideas in simple ways) can and should be applied to all adult technology courses.

2:30-3:20 PM: SESSION 5

Digitization Projects and Missouri Digital Heritage

Matt Butler, Missouri State Library

North Maybee Hall

Missouri Digital Heritage, a partnership between the Missouri State Library and the Missouri State Archives, assists institutions across the state in digitizing their records and placing them online for easy access. Since launching in 2008, it has grown to over 9 million records from over 70 institutions. Learn about some of the resources we offer, including grant programs, tips on developing a digitization project, and how we might help your library.

Open Educational Resources:

Build a Lesson Using Free Government Resources

Stephanie Hallam, Pat Willingham, and Kris Baranovic, Southeast Missouri State University

South Maybee Hall

Open Educational Resources (OER) are resources licensed under creative commons license or in the public domain and permit no-cost accessing, adapting, and sharing. An Education Information Librarian, a Government Documents Librarian, and an Instructional Designer will show participants how to create an OER lesson using freely available digital government documents. Gain hands-on experience and explore approaches that can be applied to a variety of disciplines as participants experience a lesson about an aspect of World War II. Discover valuable, often surprising, public domain, primary sources that can enrich any discipline. Participants will be assigned roles within a group to develop a narrative. The workshop will conclude with questions and a discussion of experiences locating resources as well as suggested applications for future use. Participants will leave with a list of free resources.

