SPRING 2023

SCHEDULE OF EVENTS

cni
Coalition for Networked Information

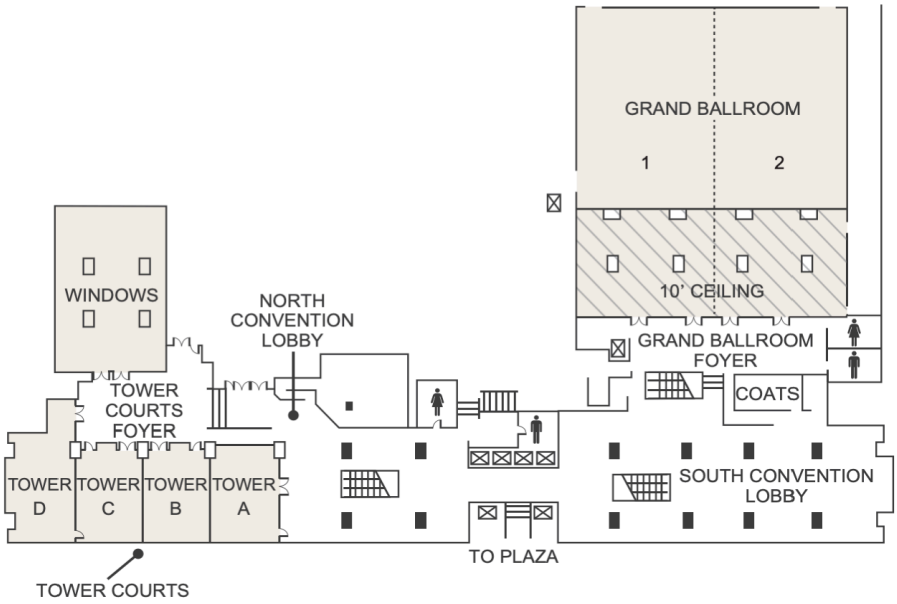
Coalition for Networked Information
Membership Meeting
SHERATON DENVER DOWNTOWN
DENVER, CO
APRIL 3–4, 2023

SHERATON DENVER DOWNTOWN HOTEL

Tower Building

Second Level

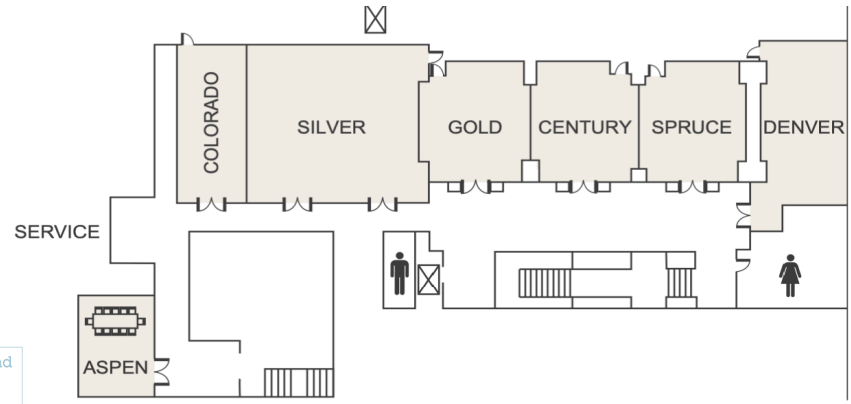
1 Grand Ballroom
2 Grand Ballroom Foyer
3 North Convention Lobby
4 South Convention Lobby
5 South Convention Coat Room
6 Tower Courts
7 Tower Courts Foyer
8 Windows

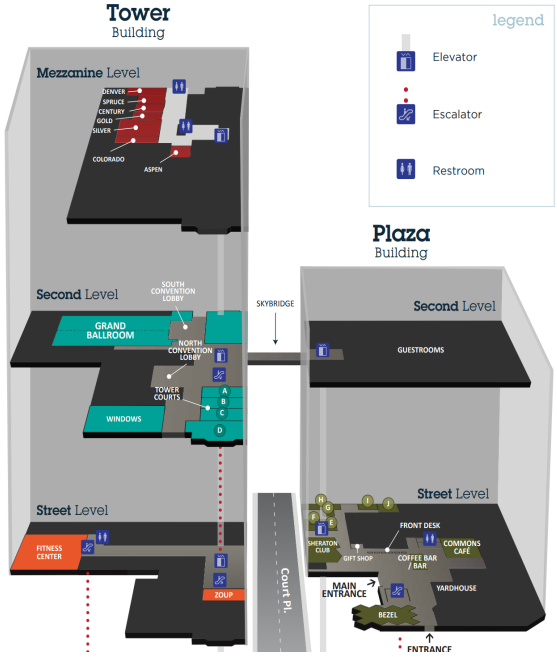


Tower Building

Mezzanine Level

1 Aspen
2 Colorado
3 Silver
4 Gold
5 Century
6 Spruce
7 Denver





The guestrooms are in both the Plaza & Tower Buildings; the meeting is in the Tower Building. Plaza Building guests can cross the second-floor sky bridge to get to the meeting space on the second floor of the Tower Building.

cni
Coalition for Networked Information

Coalition for Networked Information Spring 2023 Membership Meeting

April 3–4, 2023
Denver, CO
#cni23s

Network: MarriottBonvoy_Conference
Wi-Fi Passcode: cni23springDEN

Digital, mobile-friendly meeting schedule:
https://cnispring23membermtg.sched.com

CNI Code of Conduct

CNI is committed to maintaining a welcoming and inclusive environment for inquiry, constructive disagreement, and intellectual freedom and honesty. We do not tolerate personal attacks, harassment of any kind, violence, or disruptive behavior. Please be respectful of our community's diversity and generous of others' views. Please bring concerns to our attention by contacting a member of the CNI staff.

cni.org

CNI Spring 2023 Membership Meeting Schedule-at-a-Glance

MONDAY, APRIL 3

11:00am **Registration Opens** *(North Convention Lobby)*

11:15am **First-time Attendees** *(Silver)*

12:00pm **Refreshment Break** *(North Convention Lobby)*

1:00pm **Opening Plenary: Council of Library & Information Resources (CLIR) Postdoctoral Fellows Panel** *(Grand BR)*

2:15pm **Refreshment Break** *(North Convention Lobby)*

2:45pm **PROJECT BRIEFINGS**

1.1 Libraries, Disability Service Organizations, & Repositories	*Grand BR*
1.2 Becoming Part of the National Cyberinfrastructure Community	*Windows*
1.3 The San Diego Health Information Partnership	*Silver*

3:15pm **Passing Break**

3:25pm **PROJECT BRIEFINGS**

2.1 Findings from the Latest Ithaka S+R Library Director Survey	*Grand BR*
2.2 Leveraging the National Research Platform to Build a Scalable Research & Education Environment	*Windows*
2.3 Developing a Data-Driven Approach to Organizational Development	*Silver*

3:55pm **Refreshment Break** (*North Convention Lobby)*

MONDAY, APRIL 3 Continued

4:25pm PROJECT BRIEFINGS

3.1 Federal Public Access Requirements	*Grand BR*
3.2 Directions in Digital Scholarship	*Windows*
3.3 Social Learning Across Content Case Study: Hypothesis & JSTOR	*Silver*

5:10pm Passing Break

5:20pm Lightning Rounds *(Grand BR)*

6:00–7:30pm Reception *(South Convention Lobby)*

TUESDAY, APRIL 4

7:45am Breakfast (including discussion roundtables) *(South Convention Lobby)*

Roundtable topics & facilitators:

- Generative AI & Libraries, Xuemao Wang (Northwestern U) & Joe Mocnik (Kansas State U)
- Information Infrastructure & Grand Challenges, Donald Waters (CNI)
- ML/AI in Publishing, Barbara Kline Pope (Johns Hopkins UP)
- Open Source & Open Science, Keith Webster & Sayeed Choudhury (Carnegie Mellon U)

9:00am PROJECT BRIEFINGS

4.1 AI-Human Collaboration: How Advanced Technologies are Shaping the Future of Publishing	*Grand BR*
4.2 Empowering 360° Theater Utilization with the Visualization Studio Development Kit for Unity	*Windows*
4.3 Early Lessons Learned from University Open Source Programs Officers	*Silver*

9:45am Passing Break

TUESDAY, APRIL 4 Continued

9:55am PROJECT BRIEFINGS

5.1 Workshop Report Out: National Infrastructure for Public Access Usage & Impact Reporting	*Grand BR*
5.2 Palace Project for Academics Program Update	*Windows*
5.3 Embedding Persistent Identifiers into Organizational Information & Data Services at the NCAR	*Silver*

10:25am Refreshment Break *(North Convention Lobby)*

10:55am PROJECT BRIEFINGS

6.1 Extended Reality(XR)'s Growing Use in Higher Education	*Grand BR*
6.2 What Will it Take to Coordinate Campus Data Services?	*Windows*
6.3 The Path to Open Books Pilot: A Sustainable Model for Making UP Frontlist Titles OA at Scale?	*Silver*

11:55am Lunch *(South Convention Lobby)*

1:00pm PROJECT BRIEFINGS

7.1 Deploying InvenioRDM as an Institutional Repository Platform **(30 MINUTES)**	*Grand BR*
7.2 ChatGPT: The Future of Higher Ed & Libraries, Brought to You by Artificial Intelligence **(60 MINUTES)**	*Windows*
7.3 How to Provide Access…When Access is Changing **(60 MINUTES)**	*Silver*

2:00pm Passing Break

2:15pm Closing Plenary: The American Council of Learned Societies (ACLS) Commission on Fostering & Sustaining Diverse Digital Scholarship Panel *(Grand BR)*

3:30pm MEETING ADJOURNS

CNI SPRING 2023 Membership Meeting
PLENARY SESSIONS

MONDAY, APRIL 3

1:00–2:15 pm
Grand Ballroom

Opening Plenary: Council of Library & Information Resources (CLIR) Postdoctoral Fellows Panel

Portia D. Hopkins (Rice University); Taiwo Lasisi (Carnegie Mellon University); Heidi Nicholls (Johns Hopkins University); Synatra Smith (Philadelphia Museum of Art/Temple University)
Moderator: *Clifford Lynch, Executive Director, Coalition for Networked Information*

CNI has long maintained a close relationship with the CLIR Postdoctoral Fellowship Program as part of our commitment to supporting emerging leaders in the community. The panel will feature four CLIR fellows, two from the 2020 cohort to provide updates since their last panel in Spring 2021, and two fellows from the 2022 cohort, who will speak about their work and experiences. The session introduces another outstanding cadre of fellows who are exploring new forms of data-intensive scholarship, and it will include time for some conversation.

5:20–6:00 pm
Grand Ballroom

LIGHTNING ROUNDS

Back-to-back presentations

Information Infrastructure to Address Societal Grand Challenges
Donald Waters, Coalition for Networked Information

Creating a Researcher Alliance at Montana State University
Doralyn Rossmann, Montana State University

Direct to Open: Making Frontlist Monographs Open at the MIT Press
Nick Lindsay, MIT Press

Diamond Open Access: A Strategy for a More Equitable and Sustainable Scholarly Publishing Ecosystem
Sharla Lair, LYRASIS

Embedding Preservability for New Forms of Scholarship
David Millman, New York University

Full presentation descriptions are available on the CNI website: https://www.cni.org/mm/spring-2023/project-briefings-breakout-sessions-s23

2:15–3:30 pm
Grand Ballroom

Closing Plenary: The American Council of Learned Societies Commission on Fostering & Sustaining Diverse Digital Scholarship Panel

Maria Eugena Cotera, Associate Professor, Mexican American and Latino Studies, University of Texas at Austin
Meredith Evans, 74th President, Society of American Archivists
Maryemma Graham, Distinguished Professor of English, University of Kansas
Moderator: *James Shulman, Vice President and Chief Operating Officer, American Council of Learned Societies*

Convened by the American Council of Learned Societies (ACLS) with funding from the Mellon Foundation and the National Endowment for the Humanities, the Commission on Fostering and Sustaining Diverse Digital Scholarship was established to develop recommendations on improving support, access, and sustainability of digital resources and digital humanities projects related to social and racial justice. The initiative has deep connections to many long-standing CNI concerns involving scholarly work in the digital age, digital preservation, and various technical and social infrastructure to support these activities.

A panel of Commission members (with an emphasis on voices that may be less familiar to the CNI community and whose work bridges scholarship and infrastructure issues) will share their views on the group's work and broad findings, as the Commission approaches a summer 2023 report release and conclusion of the current phase of its work.

https://www.acls.org/digital-commission-sustaining-diverse-scholarship/

CNI SPRING 2023 Membership Meeting
PROJECT BRIEFINGS

MONDAY, APRIL 3

2:45–3:15 pm
Grand Ballroom

1.1 Libraries, Disability Service Organizations, and Repositories: An Evolving Workflow from the Educational Materials Made Accessible Project

Kyle Rimkus (University of Illinois Urbana-Champaign)

This briefing will provide an overview of the Educational Materials Made Accessible (EMMA) project, whose goal is to reduce duplication effort in disability service offices at colleges and universities across the United States, and thereby enable faster, better service for those needing accessible learning materials. Specifically, the project seeks to enable broad accessibility of digitized texts to patrons with print disabilities, especially texts that have undergone remediation or improvement, into shared storage and access infrastructure provided by the company Bookshare, with additional deposit agreements and ingest workflows supported by HathiTrust, the Internet Archive, and the Accessible Content E-Portal (ACE). Supported to date by the Mellon Foundation, the university project partners are George Mason University, Northern Arizona University, The Ohio State University, the University of Illinois, the University of Virginia, the University of Wisconsin, and Vanderbilt University. The repository partners are ACE/Scholars Portal, Bookshare, HathiTrust, and the Internet Archive. This briefing will share information about the technologies, workflows, metadata standards, and policies that have resulted from six years of grant development, and how libraries and disability service organizations may participate in EMMA once the project moves out of the grant phase and into a member-supported model.

https://emma.lib.virginia.edu/home/welcome
https://emma.uvacreate.virginia.edu/

2:45–3:15 pm
Windows

1.2 Becoming Part of the National Cyberinfrastructure Community

Shelley Knuth (University of Colorado Boulder)

In May 2022, the National Science Foundation awarded the Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support (ACCESS) project. ACCESS supports research on some of the most advanced cyberinfrastructure in the country, and engages researchers through trainings, events, and support to ensure effective use of resources. One mission of ACCESS is to promote opportunities for inclusivity aimed at incorporating more researchers in the use of advanced cyberinfrastructure. This session briefly overviews the ACCESS project and provides concrete ways that researchers can take advantage of resources, trainings, events, or organizations that will bring them into the field. It also provides information on how researchers from any discipline can receive free conference travel through engagement in ACCESS.

https://support.access-ci.org/

2:45–3:15 pm
Silver

1.3 The San Diego Health Information Partnership: A County-Wide Collaboration Addressing the Crisis of Health Misinformation

Erik Mitchell (University of California San Diego); Scott Walter (San Diego State University); Misty Jones (San Diego Public Library)

In August 2021, the San Diego (CA) County Commissioners declared health misinformation a "public health crisis" and called upon public organizations to take an "active role in developing resources to combat misinformation in order to help our community make informed health choices." Beginning in January 2022, the members of the San Diego Circuit (a consortium of public and academic libraries), made a strategic decision to expand their existing partnership around resource sharing to include a joint initiative to meet the county's call to address the crisis of health misinformation. In 2023, the partnership is developing and piloting a health information outreach toolkit with the support of the National Library of Medicine. This briefing will provide an update on the San Diego Health Information Partnership, which has included the development of a shared website, instructional workshops, a digital toolkit for combating health misinformation, and other public programming, and it will also discuss possible areas for further development of its shared services model.

See also: https://www.cni.org/topics/teaching-learning/building-resilience-to-health-misinformation-in-local-communities
https://libguides.sdsu.edu/health
https://libguides.sdsu.edu/library-toolkit-addressing-health-misinformation
https://today.ucsd.edu/story/san-diego-circuit-libraries-receive-funding-for-campaign-against-health-misinformation

3:25–3:55 pm
Grand Ballroom

2.1 Navigating the New Normal: Findings from the Latest Ithaka S+R Library Director Survey

Ioana Hulbert (Ithaka S+R)

The triennial Ithaka S+R Library Director Survey is an established longitudinal research effort that captures issues that are top of mind for academic library deans and directors. Against the backdrop of the Great Resignation/Reshuffle, the pandemic, as well as new federal funding requirements for research, this session will highlight how library leaders are navigating the new normal. In particular, it will discuss findings from the latest survey cycle that focus on staffing issues such as recruitment; retention; and diversity, equity, inclusion, and accessibility strategy, as well as library deans' and directors' perceptions of the open access ecosystem, including budget projections, and alignment with publishers and vendors.

3:25–3:55 pm
Windows

2.2 Leveraging the National Research Platform to Build a Scalable Research and Education Environment

Mark Laufersweiler and Tyler Pearson (University of Oklahoma)

The National Research Platform's Nautilus project, a hosted Kubernetes framework, serves as the basis for the University of Oklahoma Libraries to create custom computing environments that focus on the needs of instructors, students, and researchers. This session will report on the outcomes of the first year of a pilot hosted by the University Libraries Digital Strategies and Innovation unit. Participants included faculty and students from the School of Meteorology who needed a Python coding environment and a faculty member from Women's and Gender Studies who needed a text analysis coding environment. The presenters will outline workflows and tools (e.g., Docker containers) used to address the requirements of the computing environments and to facilitate the Libraries' ability to respond to configuration requests. The team shared their workflows with other institutions, helping them to identify improvements and to encourage further collaboration.

NSF Nautilus Project: https://nationalresearchplatform.org/nautilus/
Univ of Oklahoma GitLab: https://gitlab.nrp-nautilus.io/oulib/
Impact Report Fiscal Year 2022, University Libraries, University of Oklahoma: "Davis Pilots New NSF-supported Nautilus Program; UL Expertise Eases Access to High-Powered Computing Technology for OU Campus, National Partners" p.5: https://intranet.libraries.ou.edu/docs/documents/OU%20Libraries%202022%20Impact%20Report.3720.pdf

3:25–3:55 pm
Silver

2.3 Developing a Data-Driven Approach to Organizational Development

Christine Quirion (Skilltype) and Jackie Lorrainne (Washington University in St. Louis)

The talent shortage facing libraries today encourages leaders to adopt new approaches to build skilled, diverse teams ready to face the urgent challenges and opportunities of a digital-first environment. This presentation will provide an overview of the complex digital skills landscape and examples of the data-informed strategies applied by the Washington University Libraries to build an empowered, engaged, and vibrant workforce. A leader from the University Libraries will share examples about how the organization incorporated Skilltype insights into the cultivation of internal talent, how growth opportunities were created through key assignments, and how the realignment of teams and positions were used to reflect current work with campus partners. The presentation will describe Washington University's nascent and ongoing partnerships to create technology talent pipelines that attract, develop, and retain staff of color and to develop leaders who create and embody the organization's values, climate, and culture. This session aims to help attendees gain a clear understanding of the digital skills ecosystem and the steps leaders can take to build skilled teams ready to translate rapidly evolving teaching and research needs into responsive, sustainable digital programs and services.

https://library.wustl.edu/
https://www.skilltype.com/

4:25–5:10 pm
Grand Ballroom

3.1 Federal Public Access Requirements, Repositories, and the Year of Open Science

Martin Halbert (U.S. National Science Foundation); Andrea Medina-Smith (National Institute of Standards and Technology); Louis Barbier (National Aeronautics and Space Administration)

The 2022 Office of Science and Technology Policy (OSTP) memorandum on new public access requirements for federally funded research has led to a new and more detailed focus on requirements for repositories of all kinds. New opportunities for repositing data and other innovative research outputs (e.g., Jupyter Notebooks) have raised new considerations for both nonprofit and commercial repositories. In this broad-ranging session, federal agency representatives will discuss these topics and emerging guidance such as the National Science and Technology Council document entitled "Desirable Characteristics of Data Repositories for Federally Funded Research." Presenters will comment on new public access plans submitted to the OSTP, although presenters may not be able to speak to details yet. The speakers will also discuss interagency coordination efforts in the recent declaration of 2023 as the Year of Open Science. The session will include a brief recorded statement from Maryam Zaringhalam, Assistant Director for Public Access and Research Policy at the OSTP.

https://open.science.gov/

4:25–5:10 pm
Windows

3.2 Directions in Digital Scholarship: Support for Digital, Data-Intensive, and Computational Research in Academic Libraries

Joan Lippincott (Coalition for Networked Information)

This year, the Coalition for Networked Information (CNI) is hosting an initiative that examines the evolution, current state, and future of digital scholarship (DS) programs in libraries of selected CNI member institutions. DS programs encompass a broad range of initiatives, including support for research services that are data-intensive and computational in methodology. While some programs may focus on digital humanities, others may work with data-driven social sciences and sciences with professional fields such as health sciences and business. This program examines the scope of activities related to research and scholarship that is data intensive, uses a variety of tools, and has significant elements of digital representation in their outputs rather than a straight text article or book. These programs may or may not be organized as a "center." In sum, these programs help researchers navigate the challenges of changing methods and modes as they create, analyze, and publish new content forms. Using interviews, background literature, and input from two invitational forums held in March 2023, the initiative will produce a report that provides a snapshot of the current state of play and a sense of where those involved in these initiatives envision them heading in the next 3-5 years. This session will provide findings from the project.

https://www.cni.org/events/cni-workshops/directions-in-digital-scholarship-support-for-digital-data-intensive-and-computational-research-in-academic-libraries

4:25–5:10 pm
Silver

3.3 Social Learning Across Content Case Study: Hypothesis & JSTOR

Alex Humphreys (ITHAKA/JSTOR); Jeremy Dean (Hypothesis); Leysia Palen (University of Colorado Boulder)

Researchers, students, and instructors increasingly collaborate, a shift greatly accelerated by the COVID pandemic. Platforms should enable powerful experiences to augment and reinforce in-person and remote classrooms, but thus far social learning tools are limited in availability and uneven in capability. Moreover, what limited social learning functionality exists is siloed in specific platforms and thus less useful to learners and researchers. Effective solutions that are available over any course content, no matter where that content resides, are needed. The social learning and annotation tool Hypothesis and the digital library JSTOR have embarked on a pilot project to explore a potential solution. This pilot, running through the 2022-2023 academic year, provides teachers at participating schools with the ability to assign JSTOR articles and book chapters to their students to read and annotate, facilitated seamlessly through the learning management system. The briefing will explore the access, privacy, technical, and design barriers that make this kind of integration challenging and will demonstrate how these challenges were overcome. It will also include preliminary findings from the pilot project, as well as feedback from instructors and instructional designers, and proposed recommendations for scaling this solution beyond this specific pilot to other learning technologies and content providers.

hypothes.is
jstor.org
slac-coalition.org

CNI SPRING 2023 Membership Meeting
PROJECT BRIEFINGS

TUESDAY, APRIL 4

9:00–9:45 am
Grand Ballroom

4.1 Artificial Intelligence-Human Collaboration: How Advanced Technologies are Shaping the Future of Publishing

Emily Singley, Corey Harper, and Judson Dunham (Elsevier); Emily McElroy (University of Florida)

Artificial intelligence (AI), machine learning (ML), and natural language processing are changing how researchers read, write, and publish. In this session, panelists from a major publisher share how AI/ML technologies are shaping the development of the industry, including the future of search and discovery, journal publication, and research integrity checking. They will discuss growing concerns around how generative language technologies may accelerate misinformation, and the impact of recent AI developments on the librarian profession, including the increased relevance of structured data.

9:00–9:45 am
Windows

4.2 Empowering 360° Theater Utilization with the Visualization Studio Development Kit for Unity

Colin Patrick Keenan (North Carolina State University)

The Visualization Studio Development Kit (visSDK) for Unity Game Engine is a media development pipeline that increases accessibility of community creation within the North Carolina State University Libraries' Visualization Studio, an only-of-its-kind, 360-degree immersive theater. The visSDK is designed to offer reverse-compatibility with existing Unity 3D and 2D projects, allow the incorporation of a wide variety of interaction schema and custom scripts; it also offers broad version and tool support for the Unity game engine's Universal Render Pipeline. The toolkit includes an installable first-person camera, an in-editor emulator for remote development away from the theater, and support for developing 2D games on the theater's screen. Customizable and publicly available for download, visSDK provides an extendable starting point for creating templates for immersive media spaces. With accompanying documentation and support, the kit is designed for novice-to-intermediate Unity users and is backed by the Libraries' technology and research consultation services. This toolkit was developed by student fellows as part of the Libraries' ongoing efforts to enhance instructional and experiential technology spaces for creators, researchers, students, and instructors.

https://www.go.ncsu.edu/vissdk
https://www.lib.ncsu.edu/projects/visualization-studio-development-kit-unity-game-engine

9:00–9:45 am
Silver

4.3 Early Lessons Learned from University Open Source Programs Offices

Sayeed Choudhury (Carnegie Mellon University); Bill Branan (Johns Hopkins University); Stephanie Lieggi (University of California Santa Cruz); Kendall Fortney (University of Vermont)

The Alfred P. Sloan Foundation has funded an initial set of six university-based open source programs offices (OSPOs) at Carnegie Mellon University, Johns Hopkins University, the Rochester Institute of Technology, Saint Louis University, the University of California Santa Cruz, and the University of Vermont. Recently, the Sloan Foundation announced a program to fund an additional set of university OSPOs as part of the growing interest and importance of open-source software as a primary output to support open science research, teaching, and translation. This group presentation features early lessons learned from the first six university-based OSPOs including the feedback from an informational session for the most recent Sloan Foundation program.

OSPO++: Setting up University OSPOs: https://www.youtube.com/watch?v=ZelEMeIo64U

9:55–10:25 am
Grand Ballroom

5.1 Workshop Report Out: National Infrastructure for Public Access Usage and Impact Reporting

Christina Drummond (University of North Texas, OA Book Usage Data Trust); Charles Watkinson (University of Michigan); Niels Stern (OAPEN & Directory of Open Access Books)

Compiling usage and impact metrics across public and private repositories, services, and publishers is a time and data science expertise-intensive activity undertaken by individual researchers, universities, libraries, and publishers. Challenges related to reader privacy, data ownership, and trusted use confront the exchange and reuse of this data. To advance Findable, Accessible, Interoperable, and Reusable (FAIR) research impact reporting, on April 2nd, 2023, a National Science Foundation-supported workshop brought together stakeholders to explore how best to leverage shared cyberinfrastructure to support cross-platform systems integrations and ethical data processing that addresses concerns related to artificial intelligence, machine-based aggregation and the use of scholar-specific impact data. Stakeholders advanced four strategic collaboration opportunity areas that surfaced in a November 2022 Association of Research Libraries (ARL) survey of research data organizations, specifically addressing how to facilitate economies of scale for the reporting and analysis of usage data related to publicly accessible scholarship outputs. This panel will feature perspectives on these issues from library, repository, and data platform workshop participants while providing the first summary of the workshop findings. Topics to be addressed will include: a) challenges to cross-platform public and open impact analytics at scale, b) open infrastructure opportunities to improve the FAIRness of usage data, and c) identified gaps in the national infrastructure for scholarly output impact reporting.

9:55–10:25 am
Windows

5.2 Palace Project for Academics Program Update: Partnerships Working to Demystify Complexity

James English (LYRASIS) and Peter Brantley (University of California, Davis)

The Palace Project is an open software platform hosted by LYRASIS designed to extend, aggregate, and simplify e-content access and reading to mobile devices regardless of digital rights management, content host, or service provider. The University of California is evaluating the platform along with other university systems and consortia to better understand how to leverage this technology to bring mobile access to their e-books and collections to students, staff, and faculty in a simple-to-use, accessible application. This presentation will provide project updates and information on how the use of the Open Publication Distribution System (OPDS) and Security Assertion Markup Language-Single Sign On (SAML-SSO) standards show promise to advance access to digital content across systems. This effort seeks to elevate awareness and adoption of an interoperable technology ecosystem and standards to power open community-owned infrastructure solutions for academic libraries.

https://thepalaceproject.org/

9:55–10:25 am
Silver

5.3 Embedding Persistent Identifiers into Organizational Information and Data Services at the National Center for Atmospheric Research

Matthew Mayernik and Jennifer Phillips (National Center for Atmospheric Research); Greg Madden (University Corporation for Atmospheric Research)

Persistent identifiers (PIDs) are central to the vision of open science described in the Findability, Accessibility, Interoperability, and Reusability (FAIR) principles. The assignment of PIDs to scholarly resources began in the 1990s and has significantly expanded in recent decades, as open science has taken on greater visibility within scholarly research institutions. PIDs are now assigned to publications, data sets, software, laboratory materials, physical samples, people, organizations, and research facilities and instruments. These identifiers have become a consistent and expected component of scholarly information systems. This presentation discusses lessons learned in embedding PIDs within organizational information and data systems and services within the National Center for Atmospheric Research (NCAR) and its management organization the University Corporation for Atmospheric Research (UCAR). The presenters discuss over 10 years of efforts, including ongoing projects, to use PIDs to facilitate discovery, citation, and linking of scholarly resources. These projects include leveraging PIDs to link related resources across repositories, to trace the research impacts and products of specific data collections, people, and research infrastructures, and to expand the visibility of research facilities.

10:55–11:55 am
Grand Ballroom

6.1 Extended Reality(XR)'s Growing Use in Higher Education

Sean Burns (EDUCAUSE); Daniel Fergus (University of Nevada, Reno); Emily Sherwood (University of Rochester)

This session will discuss the use of extended reality (XR) in higher education, including examples of programs within academic libraries. It will include highlights from collaborative research by EDUCAUSE and HP focused on XR's use for teaching and research, discussion of the needs, best practices, and lessons learned from faculty and information technology leaders that have been creating and implementing XR projects, and presentations by directors of library-based XR labs.

https://er.educause.edu/articles/2022/12/xr-in-health-care-how-michigan-medicine-provides-a-safe-space-to-practice-high-stress-environments
https://er.educause.edu/articles/2022/5/xr-success-in-vocational-training-the-conservatoire-national-des-arts-et-metiers

10:55–11:55 am
Windows

6.2 What Will it Take to Coordinate Campus Data Services?

Dylan Ruediger (Ithaka S+R); Laura Hibbler (Brandeis University); Renea Barger (University of Pittsburgh); Scott Walter (San Diego State University); Jennifer Green (University of Chicago)

Data support services have become an essential part of the academic research infrastructure and demand for them seems certain to increase as data-intensive research grows more complex and as funder mandates raise the bar for data management across the research lifecycle. Yet, on many campuses these services have developed with little strategic oversight into a hodge-podge of workshops, trainings, and consulting options spread across a range of campus units that are opaque to researchers and administrators alike. Around the country, university leaders are recognizing the need for a more strategic approach to coordinating data support services with the goal of ensuring that they efficiently and effectively meet the current and future needs of researchers. While promising experiments are underway at some institutions, the question of how to accomplish this goal remains an open one. Early this year, Ithaka S+R launched a multi-year project in partnership with over two dozen universities to create evidence-based strategies for coordinating, funding, and staffing research data support services across campus. This project briefing, held in roundtable format, will bring together library leaders to identify opportunities and challenges associated with coordinating data support services, and will reflect on what they will need to learn in order to align support services with researchers' needs and their institution's strategic priorities.

https://sr.ithaka.org/blog/building-campus-strategies-for-data-support-services-project-kicks-off/

10:55–11:55 am
Silver

6.3 The Path to Open Books Pilot: A Sustainable Model for Making University Press Frontlist Titles Open Access at Scale?

Charles Watkinson (University of Michigan); Emma Molls (University of Minnesota); James Shulman (American Council of Learned Societies); Rebecca Seger (ITHAKA)

The quest for a sustainable model to publish open access academic books continues, especially for literature in the humanities and qualitative social sciences. While there is a proliferation of initiatives, they tend to be publisher-specific or small-scale. Unlike research outputs in science, technology, engineering, and math subjects, most humanities scholarship remains relatively inaccessible in paywalled venues. This briefing solicits input on a new program developed by university press directors, librarians, and scholars and implemented by JSTOR. The Path to Open model makes frontlist books available to supporting libraries, exclusively through the widely-used JSTOR program, on an unlimited, multi-user, digital rights management-free basis. After three years of availability only to supporting institutions, the books become open access under Creative Commons licenses. Publishers receive a guaranteed $5,000 per accepted title from JSTOR, and the opportunity to cover additional costs through print sales and e-book sales to individuals. Libraries receive quality titles at an affordable price on a well-used platform. The program is kept aligned with the interests of academic authors and readers through the governance role played by the American Council of Learned Societies, a core program partner. This presentation will posit that Path to Open provides a needed "third way" between immediate open access and permanently restricted access. If the pilot is successful, the model will allow hundreds of books to be made open access every year in a sustainable way that balances the interests of university presses and libraries. Opportunities for smaller university presses and libraries to participate in open access by leveraging existing relationships and established workflows are particularly intriguing. At a system level, Path to Open also ensures that the funds for making books open access come not only from libraries (further burdening stretched acquisitions budgets) but also from sales of print and e-book editions.

https://about.jstor.org/path-to-open/
https://www.acls.org/acls-role-in-path-to-open/

1:00–1:30 pm
Grand Ballroom

7.1 Deploying InvenioRDM as an Institutional Repository Platform for Data, Software, and Publications

Tom Morrell (California Institute of Technology)

Note: This is a 30-minute session. At this session's conclusion, attendees are welcome to join one of the two 60-minute sessions, already in progress.

The California Institute of Technology (Caltech) Library has run the successful CaltechDATA institutional data repository on the Invenio platform since 2017. This fall the repository was migrated to InvenioRDM, a community-developed repository platform that takes the best features of Zenodo and bundles them into a customizable package. This presentation will share details about how InvenioRDM was customized, as well as how the migration of over 20,000 records was managed. The migration team implemented best practices for Findable, Accessible, Interoperable, and Reusable (FAIR) data, including the use of ORCID identifiers for researchers and ROR identifiers for affiliations and funders. Migration of application programming interface integrations with microPublication Biology and "The Atlas of Bacterial & Archaeal Cell Structure" will also be highlighted. Finally, the briefing will include discussion of progress in migrating the institutional publications repository, CaltechAUTHORS, to InvenioRDM.

https://data.caltech.edu
https://inveniosoftware.org/products/rdm/
https://www.micropublication.org/
https://www.cellstructureatlas.org/

1:00–2:00 pm
Windows

7.2 ChatGPT: The Future of Higher Ed and Libraries, Brought to You by Artifical Intelligence

Karim Boughida (Stony Brook University); Borui Zhang (University of Florida); Peter Organisciak (University of Denver); Susan D'Agostino (Inside Higher Ed)

Note: This is a 60-minute session.

The panelists will focus on the impact of ChatGPT, a large language model trained by OpenAI, on higher ed and libraries. The participants will discuss how higher ed organizations, particularly libraries, can leverage ChatGPT to enhance their services. However, concerns will also be raised about the potential implications of this technology on ethics, privacy, copyright, search technologies, academic integrity, etc., or What could go right (and wrong). [AI-powered summary]

1:00–2:00 pm
Silver

7.3 How to Provide Access . . . When Access is Changing

Tracy Tolliver (University of Illinois Urbana-Champaign) and Kenneth Klingenstein (Internet2)

Note: This is a 60-minute session.

Significant forces are propelling changes in access to online content, particularly for the research and education community. The major browser organizations are making changes to their software that disrupt traditional campus access control approaches. National funding agencies in both the US and Europe are requiring open access to both research publications and associated data sets. New categories of service providers are being introduced to better preserve privacy in an increasingly federated landscape. The National Institute of Standards and Technology is revising important standards in how that landscape is managed.

This pair of talks will highlight the changing access landscape and discuss the consequences for the library community. It will also seek to engage the library community in campus discussions about how institutions can manage these changes as well as making sure library special requirements in areas such as open access are reflected in these processes. Tracy Tolliver is director of Library IT and has leadership roles in some of the key activities. Ken Klingenstein has been involved in trust, identity, and access control developments at national and international levels for a long time.

IMAGE CREDITS

Front (left to right; top to bottom):

Charles Library at Temple University (exterior)
Credit: Michael Grimm
Courtesy: Temple University Libraries

Carina Nebula
NASA's Webb Reveals Cosmic Cliffs, Glittering Landscape of Star Birth
This landscape of "mountains" and "valleys" speckled with glittering stars is actually the edge of a nearby, young, star-forming region called NGC 3324 in the Carina Nebula. Captured in infrared light by NASA's new James Webb Space Telescope, this image reveals for the first time previously invisible areas of star birth.
Credits: NASA, ESA, CSA, and STScI
Courtesy: NASA
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Back:

Supercomputing History at Argonne
Luminous blue variable stars undergo periodic mass ejections, resulting in large variations in their observed spectra and brightness.
Credit: (visualization) Joseph A. Insley, Argonne National Laboratory Science: Yan-Fei Jiang, Matteo Cantiello, Lars Bildsten, Eliot Quataert, Omer Blaes, and James Stone, UC, Santa Barbara
Courtesy: Argonne National Laboratory
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Sunflowers
Artist: Vincent van Gogh (1887) [public domain]
Credit: Rogers Fund, 1949
Courtesy: The Metropolitan Musuem of Art

Justice, Science and Might
Artist: Caradosso Foppa [public domain]
Credit: Samuel H. Kress Collection
Courtesy: National Gallery of Art, Washington

Polar cyclones on Jupiter
Credit: Enhanced image by Gerald Eichstädt and Sean Doran based on images provided courtesy of NASA/JPL-Caltech/SwRI/MSSS
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Charles Library at Temple University (interior)
Credit: Michael Grimm
Coutesty: Temple University Libraries
This image was slightly modified for design purposes

Jupiter's churning atmosphere captured by NASA's Juno mission
Credit: NASA
Courtesy: National Science Foundation
This image is in the public domain

Quantum computer programmed to be exciton condensate
Researchers programmed an IBM quantum computer to become a type of material called an exciton condensate.
Credit: Andrew Lindemann/IBM [public domain]
Courtesy: National Science Foundation

A Section of the Constellation Cygnus (August 13, 1885)
Artist: Paul Henry and Prosper Henry [public domain]
Credit: Gilman Collection, Purchase, Robert Rosenkranz Gift, 2005
Courtesy: The Metropolitan Musuem of Art

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