

Digital POWRR Institute Agenda

Friday, April 27th

7:00pm – 8:30pm Technology Setup Drop In: Kah-Nee-Tah Lodge Main Lobby

Saturday, April 28th

TIME	WHAT	WHO	WHERE
8:00 - 8:25	Sign In/Breakfast (Tech Setup Available in the Council Room)	All Cohorts	Pi-Ume-Sha
8:25 - 9:00	Opening Session & Levels of Preservation	All Cohorts	Pi-Ume-Sha
9:00 - 10:00	Sharing Circles	Each Cohort with their Advisor	Pi-Ume-Sha
10:00 – 10:15	POWRR Plan Work	Individuals	Pi-Ume-Sha
10:15 - 10:30	Break (Tech Setup Available in the Council Room) – Snacks available in Pi-Ume-Sha		
10:30 – 11:45	Expert Speaker – Guha Shankar From Pre- to Post: Creating, Accessing and Sustaining Cultural History Documentation	All Cohorts	HeHe Butte
11:45 – 12:45	Lunch – Mt. Jefferson (Tech Setup Available in the Council Room)		
12:45 – 2:45	Case Study Module with Bari Talley (60 minutes) Preservation Models & Packages (45 minutes) BREAK (15 minutes) Snacks in Wasco Lobby	Cohorts 3-4	Olallie Butte
	Walk the Workflow (120 minutes)	Cohorts 1-2	Pi-Ume-Sha
2:45 – 4:45	BREAK (15 minutes) Snacks in Wasco Lobby Case Study Module with Bari Talley (60 minutes) Preservation Models & Packages (45 minutes)	Cohorts 1-2	Olallie Butte
	Walk the Workflow (120 minutes)	Cohorts 3-4	Pi-Ume-Sha
4:50 - 5:00	Debrief/Dinner Planning/Homework	All Cohorts	Pi-Ume-Sha

Sunday, April 29th

TIME	WHAT	WHO	WHERE
8:00 - 8:25	Sign In/Breakfast with Cohort	All Cohorts	Pi-Ume-Sha
8:25 - 9:15	Opening Session & Storage 101	All Cohorts	Pi-Ume-Sha
9:20 – 10:35	Consultations	Cohort 1	Pi-Ume-Sha & Confederated & Council
	Tech Skills 201	Cohorts 2, 3, 4	Olallie Butte
	PROUD	Cohorts 2, 3, 4	Eagle Butte
10:35 - 10:45	Break – Snacks available in Butte Lobby		
10:45 – Noon	Consultations	Cohort 2	Pi-Ume-Sha & Confederated & Council
	Tech Skills 201	Cohorts 1, 3, 4	Olallie Butte
	Web Archiving & Internet Archive	Cohorts 1, 3, 4	Eagle Butte
Noon – 1:00	Lunch – Mt. Jefferson		
1:00 – 2:15	Consultations	Cohort 3	Pi-Ume-Sha & Confederated & Council
	Archivemata	Cohorts 1, 2, 4	Olallie Butte
	Web Archiving & Internet Archive	Cohorts 1, 2, 4	Eagle Butte
2:15 - 2:25	Break – Snacks available in Butte Lobby		
2:25 – 3:25	Cohort Meeting	All Cohorts with their Advisor	As Assigned Below*
3:30 - 4:45	Consultations	Cohort 4	Pi-Ume-Sha & Confederated & Council
	Archivemata	Cohorts 1, 2, 3	Olallie Butte
	PROUD	Cohorts 1, 2, 3	Eagle Butte
4:50 - 5:00	Wrap up & Evaluations	All Cohorts	Eagle Butte & Olallie Butte

*COHORT MEETING ROOM ASSIGNMENTS: Cohort 1 – *Eagle Butte*; Cohort 2 – *Olallie Butte*; Cohort 3 – *Pi-Ume-Sha*; Cohort 4 – *Confederated*

SESSION & MODULE DESCRIPTIONS

DAY ONE

Opening Session – An introduction to the Institute, including deliverables and expectations, and a presentation on the POWRR approach to the Digital Preservation Lifecycle and the National Digital Stewardship Alliance’s (NDSA) Levels of Preservation.

Sharing Circles – Each cohort (made up of 6 members, at most) is introduced to their Advisor and each member is allotted time to introduce themselves and their institutional situation as it relates to the Digital Preservation Lifecycle.

Guha Shankar, Expert Speaker – This workshop will provide focused insights into “best practice” methodologies for creating and sustaining cultural documentary collections, with an emphasis on the creation of oral histories. Principal topics to be explored include: project planning, research ethics, interviewing techniques, field notes, audio recording, metadata creation and archiving methods. Actual examples from existing collections will be presented to emphasize “do’s and don’ts” when undertaking projects and participants will undertake skills-based training with digital audio recorders to understand the critical steps in creating and preserving oral documentary recordings.

Walk the Workflow – Each participant will be provided the opportunity to step through an entire digital preservation workflow, using a provided sample data set, allowing them to envision how a workflow can be setup and deployed locally based on their institutional needs and capabilities. Practitioners will use the open source tools Data Accessioner, Bagger, and Fixity as a part of the workflow.

Bari Talley, Case Study Leader – Regulated through tribal codes and protocols, Karuk people have preserved traditional knowledge and cultural heritage over thousands of years. Yet this time-honored system of knowledge and “collections” management remains unacknowledged by the legal frameworks of Euro-America. Since 2012, however, the Karuk Tribe has been developing the Sípnuuk Digital Library, Archives, and Museum, providing a self-representative and culturally appropriate access to, control over, and preservation of Karuk cultural heritage.

Preservation Models and Packages – Many practitioners are overwhelmed by the prospect of engaging with models, like the OAIS* reference model, associated with digital curation and preservation, and struggle with incorporating concepts like AIPs, SIPs, and DIPs* into their workflows. This session approaches these concepts in a simple way, enabling practitioners to move forward with confidence as they create a digital preservation workflow that makes sense for their institutional needs and capabilities.

* OAIS – Open Archival Information System

AIP – Archival Information Package

SIP – Submission Information Package

DIP – Dissemination Information Package

DAY TWO

Storage 101 – Many cultural-heritage organizations have found storage to be a barrier to digitization and digital preservation projects. Thinking through amount, type, and cost requirements is difficult, and some storage options come with hidden “gotcha” costs. This module walks learners through viable options for short-term backup and long-term storage.

Technology Modules: Each cohort will select 3 from the following 4 technology modules being offered

1. **PROUD** – Participants will learn what equipment they need to rescue data from digital media they have in-house; learn how to write-protect several types of digital media; and learn what a disk image is and how to capture one from several types of digital media.
2. **Web Archiving and Internet Archive** – Participants will become familiarized with the practice of web archiving; learn common terminology (crawl, seed, WARC, etc.); learn about common tools/services currently available to perform this work (Archive It, Wayback Machine, Heritrix, etc.); explore a scenario provided by the instructor concerning a use case for using WebRecorder in an archival setting; use WebRecorder to capture several websites; and move WARC files to storage environment.
3. **Tech Skills 201** – Participants will explore the workflows associated with digital preservation. In particular, they will review skills that would be helpful to have to facilitate the use of digital preservation tools such as how to extract files in an operating system and how to work with a command line interface. Furthermore, they will discuss about virtual machines and their applicability to digital preservation.
4. **Archivemata** – Participants will learn the concept of microservices and how they are employed within Archivemata; understand installation/deployment options for Archivemata; understand how Archivemata utilizes/meets OAIS standards; understand the content of packages produced by Archivemata (SIP, AIP, DIP), and how files are normalized, and process a digital transfer (aka accessioned digital objects) from start to finish - turn them into Submission Information Packages (SIPs), apply format policies and create high-quality, repository-independent Archival Information Packages (AIP) using METS, PREMIS and Bagit.

Cohort Meetings – Each cohort will meet to discuss communities of practice, potential solution models, and other topics they self-identify, as well as work on creating the Action Plan within their individual POWRR Plans*

Consultations – Each participant will receive a 30 minute, 1:1 consultation with an instructor to discuss the foundation of a local digital preservation workflow and potential solution models based on an institution’s technical infrastructure, availability of resources, individual technical skill set, and the nature of their digital collections. Each participant will record the consultant’s recommendations and suggested resources on their POWRR Plan.

BIOGRAPHIES

Sarah Cain (Facilitator)

Sarah Cain is the Curator of Manuscripts in the Regional History Center & University Archives and the Interim Curator of Rare Books & Special Collections at Northern Illinois University. Part of her responsibility is the management and preservation of digital materials for the Distinctive Collections and RHCUA. Sarah earned her MS in Library and Information Science along with her Special Collections Certificate from the University of Illinois at Urbana-Champaign. She also holds her MPA from Southern Illinois University-Carbondale and her Digital Archives Specialist Certificate (Society of American Archivists).

Stacey Erdman (Communications & Community Coordinator, Consulting Instructor)

Stacey N. Erdman is the Digital Archivist at Beloit College. In this position, she has responsibility for the collection, appraisal, organization, preservation, management, and appropriate sharing of archival content deposited with the Beloit College Archives, with a focus on digital materials. She works closely with the College Archivist to shape overall collection policies and on the education of the campus community on matters related to retention and strategic use of the College's historical record. She also works closely with the College's Digital Librarian on the selection, development, production, and marketing of the College's digital collections. She is the former Digital Collections Curator at Northern Illinois University and served as the Technical Coordinator on the first two Digital POWRR Project phases.

Martin Kong (Technical Instructor)

Martin Kong is the Systems Librarian in the Chicago State University Library. He is responsible for coordinating the unit that manages all of the technology and systems used by the staff in the library. Part of his day-to-day work includes management of the Library's Automated Storage and Retrieval System (ASRS), which is an automated robotic system that holds about 70% of the library's physical collection and also houses most of the University's Archive and Special Collections material. Library patrons can request library materials directly from the ASRS via the catalog and have those materials brought down and checked out to them in a matter of minutes. Martin holds a Master of Science in Library and Information Science from the University of Illinois at Urbana-Champaign (UIUC). He also has a Bachelor of Science in Business Administration with a concentration in Management Information Systems from UIUC as well. He is a member of the American Library Association.

Dorothea Salo (Technical Instructor)

Dorothea Salo is a Faculty Associate in the iSchool at the University of Wisconsin at Madison. She teaches "Introduction to Digital Information" and "Code and Power" in the undergraduate Digital Studies program, as well as courses on metadata, linked data, libraries and publishing industries, and digital libraries on the master's level. She has written and presented internationally on privacy, scholarly publishing, copyright, institutional repositories, linked data, and data curation. She holds an MA in Library and Information Studies and another in Spanish from UW-Madison.

Jaime Schumacher (Co-leader of Digital POWRR, Consulting Instructor)

Jaime Schumacher is the Senior Director of Digital Collections & Scholarship at Northern Illinois University Libraries. Jaime served as the original Director for the Digital POWRR Project in its first phase of funding from the IMLS. She earned her M.S. in Library and Information Science from the University of Illinois Urbana-Champaign and holds a B.S. in Computer Technology from Purdue University. Previously, Jaime was an Information Systems Consultant for Deloitte Consulting in Chicago, IL.

Guha Shankar (Expert Speaker)

Guha Shankar is Folklife Specialist at the American Folklife Center, Library of Congress, Washington, D.C. At the Center he is involved in a range of public outreach programs, including multi-media productions and documentation efforts, such as the Civil Rights History Project, and the lectures, symposia, and concert series. Along with Center colleagues he helps develop digital technology solutions to the challenges of sustaining, preserving, and providing access to audio-visual collections. As the AFC's resource person for community, place-based education projects, Shankar conducts workshops in ethnographic research methods and skills-based training in field documentation in a range of communities and institutions. His research interests and publications include issues surrounding intangible cultural heritage and intellectual property for indigenous communities, cultural politics and performance in the Caribbean and developments in the field of ethnographic media production and preservation. He has produced and edited films on material cultural traditions and community life in a variety of cultural contexts. Shankar earned his Ph.D. in 2003 from the Department of Anthropology, University of Texas at Austin, with a concentration in Folklore and Public Culture. Prior to undertaking graduate studies at the University, Shankar was Media Production Specialist and documentary film producer at the Center for Folklife Programs at the Smithsonian Institution's Center for Folklife and Cultural Heritage (1985-1993).

Bari Talley (Case Study Instructor)

Bari Talley is the Tribal Library, Archives and Museum Coordinator for the Karuk Tribe, including the Sípnuuk (storage basket) digital repository in an effort to manage, share and enhance understanding of Karuk history, language, traditions, natural resource management and living culture. With the help of many, she has worked to build the library resources, including broadband, for her remote community located on the Klamath River in the mountains of northern California. In addition to her B.A. from The Evergreen State College, Olympia Washington, she is proud to have received a Certificate of Competency for year of education at the Center for Digital Scholarship and Curation at Washington State University as part of the first Tribal Stewardship Cohort: Digital Heritage Management, Archiving and Mukurtu CMS Training.

CONTACT US

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