

Transportation Library Connectivity & Development
Pooled Fund Study TPF-5(237) – Annual Meeting - Minutes
September 9-10, 2014 – Ann Arbor, MI

Technical Advisory Committee:

Arizona DOT, Dale Steele	Michigan DOT, Alexandra Briseno	Ohio DOT, Zona Kahkonen
California DOT, Shubhangi Kelekar	Minnesota DOT, Sheila Hatchell	Keppler
Connecticut DOT, Betty Ambler	Missouri DOT, Renee McHenry	Oregon DOT, Laura Wilt
Idaho DOT, Inez Hopkins	Nevada DOT, Mitch Ison	Pennsylvania DOT, Kenita Honsty
Illinois, Karen Perrin	New Jersey DOT, Carol Paszamant	University of Minnesota CTS, Marilee Tuite
Iowa DOT, Leighton Christiansen	New Mexico DOT, Joseph Valdez	Washington State DOT, Kathy Szolomayer
Kansas DOT, Marie Manthe	New York State DOT, Jane Minotti	Wisconsin DOT, John Cherney
Louisiana DOT/LTRC, Sandy Brady	North Carolina DOT, Lamara Williams	

Guests: University of Michigan, Robert Sweet

Ex Officio: NTL, Amanda Wilson; UW-Madison UTC, Steve Wagner

Emeritus: Jerry Baldwin

HS InFocus: Maggie Sacco, Kirsten Seeber

Note: Highlighted names represent members and guests who were present in person or online for all or part of the meeting.

September 9, 2014

Welcome – Alexandra Briseno, MDOT Librarian

- Alexandra welcomed the group and shared interesting transportation facts about Michigan.

Data Management & Curation – Elaine L. Westbrooks, Associate Librarian for Research, University of Michigan

- See Elaine's presentation at http://prezi.com/c73ncli2eanp/?utm_campaign=share&utm_medium=copy&rc=ex0share
- U-M is number three in terms of money spent on their research libraries. U-M gets \$1.3B in research dollars, which is number two behind Johns Hopkins.
- Under Elaine's direction the Library will provide valued data management and curation and preservation services to support and grow the university's research enterprise.
- Why care about data management and data curation?
 - New and changing technologies
 - Digital info in multiple formats
 - Increased understanding of how students learn
 - Evolving Research Methods
 - Evolution in scholarly communication and dissemination

- Another reason is an increased focus on what users do (research, teaching, learning) rather than what librarians do (collections, reference, instruction).
- The #1 reason is to preserve the scholarly record – but the record is evolving and changing. It used to be fixed items, and now the records are dynamic and much harder to preserve.
- Who determines which articles should be submitted to Wikipedia? Once an article is accepted by an editorial board of a journal, then the article, or an abstract, should be submitted to Wikipedia.
- Altmetrics – What people say about faculty and researchers matters. There is an interest in the online activity around scholarly literature.
 - Before you would state how many times an article was cited and in what journals. Now there are companies that will tell you the social media footprint of an article. This will become more important soon.
- Should the data produced by researchers funded by the National Science Foundation be accessible to the tax payers? There is a movement towards this. Not all data, but all data where appropriate.
- Elaine set out to find out what the researchers need. They created a survey and are trying to get through the process of disseminating it. They have worked with specific colleges, departments and faculty members.
 - They can track, document and promote academic productivity.
- Four service areas: Consultation services, Education and Awareness, Infrastructure, Policy and Best Practices (hardest one).
- They focus on the next set of faculty researchers, which are today's graduate students who are working with their faculty's data.
- ORCID – Researcher's names are challenging – especially a common name or a common Asian name, it's hard to track your research. Using ORCID to create 16-digit ID for researchers to use across the board.
- DataCite – Assign digital object identifiers (DOI) to track data sets like they do researchers. The government is most interested in this so they know who is using their data sets, how often, why.
 - MLibrary will mandate the use of a DOI when a researcher uses their data repositories.
- How do you get in a position to provide data management and data curation services? Elaine set up committees and taskforces to get folks to start thinking about these topics.
 - They are working with the librarians now and hope to begin working with faculty and graduate students soon.
- They hired several staff members to help with the cause. Research Data Management Manager, Data Curation Librarian, Visualization Librarian, Software Developer, etc.
 - What is a visualization librarian? There are lots of requests for images of data, such as taking Excel spreadsheets and visualizing them. There is also geospatial data – taking maps and data and displaying it in interesting ways. The medical school and social scientists use these services the most.
- Research Data Repository – They want one place for everything, a self-service repository where anyone can upload their data. They are using hydra, an open source software. They want articles and the data to go here.
- Questions:
 - Dale - Where do you see the overlap between academics and state government libraries? Elaine sees the overlap in that the DOT librarians support researchers. She feels that you have to build awareness among the researchers you work with. Also, do you need a repository to put the data? Elaine - Need to make it easy for researchers to share their data and make them want to share it.

- Leighton – He see this as an opportunity for the DOTs to partner with the higher education libraries, since they are way ahead of the DOTs in terms on research infrastructure. The DOT librarians should contact the university librarians to make those connections and partnerships and to use their expertise. Elaine - Maybe the university can host the data for everyone in the region. Through Hydra, one place can host, but everyone can have their own heads.
- Laura – She began talking to Oregon State University and Portland State University about storing their data, because there will be so much of it. Portland State is willing to house any data that has anything to do with any of their faculty or university. Do you prefer the data to already have a DOI before it gets put into your repository? Elaine - No, but they need some unique identifier so the data can be better tracked. Elaine believes that common research should be stored in one place instead of everyone housing the same data themselves. It's too expensive and a waste of space.
- Laura – Can you share data among Hydra heads? Is it searchable? Elaine – Not yet, but they are working to make it searchable among institutions.
- Joseph – He came from the academic world. They were instructed to not lead students into using Wikipedia. But everyone is using it anyway, so is the drive to get articles into Wikipedia a “if you can't beat them, join them” attitude? Elaine - Yes. Let's make it more credible because students will use Wikipedia anyway for their research needs.
- Dale – How many of the repositories that you talked about are housed with the libraries vs. the academic departments? Elaine – All are housed by the library.
- John – Are there any stats measuring the reuse of data sets within a repository to show the value of data? Elaine – Victoria Stodden at Columbia is tracking this.
- Laura – Do you assign a timeline to the data sets when they go into a repository? Elaine – They are looking at this. They felt that the length of time data should be preserved was their number one priority. It's difficult because researchers don't want to preserve it beyond the life of the grant. Elaine is confident they can make it available for at least 10 years but aren't as confident with the “forever” category. This is one of the policy issues with managing and curating data in the long term.
- Dale – Another aspect of keeping data is do you have the technical ability to read the data 10 years or more from when it is stored? Elaine – They encourage folks to use certain file formats so that the format of the data is less important. They encourage XML for example because they know how to get into it. There are definitely some formats to stay away from and some they promote. Leighton – The Library of Congress and Adobe have come to an agreement regarding PDF, so that if Adobe goes under, they will give the software to the LOC.
- Leighton – We assume we will be around to view the data. Elaine – Plus the costs and resources needed to store this data is huge.
- Joseph – Elaine's comment on you can't sell work to faculty. We can't make it hard for them. Elaine – You need to build a business case for your services and show how you will save money and effort.
- Goal – to provide easy services, that save researches time and money, make them compliant with the government requirements and makes it easy for them to get grants.

FFY14 Year in Review – Financials and project status reports

- The financial closeout was provided to the TAC for review with data as of 8/28/2014. This does not include the August or September invoice. We are below budget and will come in below budget for the FFY.
 - The special projects number is showing as being over budget but it is not accurate. We include individual subscriptions in this category. Money for special projects does not come from the

pooled fund but comes through the pooled fund. Individual states can contribute extra SPR funds to the pooled fund to use on individual subscriptions/projects.

- Cost estimate for FFY15 – The number we had to play with is \$297,075. We actually have more money to work with but we have to show MoDOT only the funds that have been committed, expenditures and actual carryover. We also had to cut down staff hours to bring down the budget. We also have areas where we know we will have carryover so Dave trimmed money out of the FFY15 budget for these areas.
- Cost estimate for FFY15 for TAC – Dave added back in the funds that will carry over to show the actual money we will have. We also have to show funds in the cataloging projects, even though we don't know what is going on with these projects for FFY15 yet. The money has to be in the budget now so that MoDOT will authorize HS InFocus to spend the funds in FFY15. If it's not shown, we can't spend it without a supplemental contract, which is a lot of work for MoDOT.
- If a state wants to add extra funds to their commitment for a cataloging project or an individual subscription, then MoDOT will have to do a supplemental contract in order to obligate and spend those funds.
- Questions:
 - Laura – Are we planning another iteration of the study? Maggie – The TAC needs to talk about that. Movement towards a new study should begin soon because there are steps to start a new pooled fund.
 - Dale – We need to find a lead agency for a new study. Renee – Bill Stone of MoDOT says that a new state has to be the lead if a new study begins. She feels that the pooled fund is providing services that the library community wants and needs. She feels the study has good momentum and she would like to see it continue. Bill Stone believes in the study and is willing to offer support to the next lead agency.
 - ≈ Renee will be working on the pooled fund on behalf of MoDOT through its end on 9/30/15.
 - Laura – What are the advantages of being a lead agency? Renee – Because there is no pooled fund like ours, figuring out how the study will add value to the library community is an interesting challenge. Renee gets to make lots of decisions and deals with interesting issues. Also, some states like to lead pooled funds so this would be another opportunity to lead a study. Our study has concrete things to show that the study is both productive and has value.
 - ≈ The group needs to discuss what a new iteration of the study would look like. The purpose and scope has to be developed by a committee, not just one person.
 - Carol – She feels that the collaboration with the AASHTO RAC TKN is going well. Renee – The knowledge management calendar came from this type of collaboration.
 - Laura – A change of focus for a new study could be “How can the library community better support our customers?”
 - Dale – What was WisDOT's process in agreeing to be the lead state? John - The Research Manager wanted this. She was a champion of this project and cause. Leni Oman would be a nice advocate of this pooled fund. Kathy - Leni's position is changing. She won't be the research director for the next year. She will be working on a special 4-pronged project for a year. Kathy's position is also changing.
 - Dale – The group thinks this is a good idea but one or two people should carry the water for it and champion it.
 - Sheila – What's the process for a new pooled fund?

LibGuides Workshop – Laura Harris, Springshare

- Laura conducted a three-hour workshop on LibGuides, showing the group how to use the site, as well as providing dos and don'ts on creating LibGuides.
- Our subscription is currently on version one of the LibGuides, but Springshare is working on version two.
- Students don't do well with broad subject guides. Our audiences are different, but she brings this up so that we know we aren't limited to the number of guides we can have.
- LibAnswers – Allows you to answer questions that are coming in to your site. You can funnel multiple ways of communicating with folks into one place. You can also create a FAQ page with LibAnswers.
 - If you know how to use LibGuides, then you can answer questions in LibAnswers.

September 10, 2014

Year Ahead FFY2015 Work plan; TKN Roundtable

- Renee explained the commitments and transfers spreadsheets.
- The group discussed the consultants without them in the room.
- TAC meetings – Do you want to keep the same format with a special topic addressed at each meeting and then a discussion on pooled fund business? Yes, the group likes the special topic as it provides a professional development opportunity for everyone.
- TRB LIST committee will have a poster session at the next TRB Annual Meeting. Maggie would like to see the pooled fund submit posters, both as a pooled fund and as individual libraries. She will assist anyone who would like to create a poster. Authoring on a poster might help you get travel approval from your organization to attend TRB.
 - Carol – She suggested a poster on LibGuides, that the librarians have the ability to create them.
 - Leighton – He plans to do a poster ORCID and anyone can assist him.
 - Joseph – He is attending TRB on a bridge-related topic. His membership allows him to attend TRB with pooled fund support and we ask that he also promotes the study to folks while at TRB.
 - Leighton – He feels that each TKN should have their own poster.
- Brochure – Can we create a brochure on the study for folks to bring to TRB and other places, to explain the pooled fund and its benefits? Maggie will look into this.
- Logo – Can we design a simpler logo, to be used in conjunction with our existing logo, to put on a new brochure, posters, etc.? Maggie will look into this.
- Leighton – MTKN looking for a new host for their website. After the LibGuide workshop yesterday and seeing other libraries use it to host their site, he is interested in moving the MTKN website there.

UMTRI's Safety Pilot Model Deployment Project: Connected-Vehicle Technology - Francine Romine, UMTRI's Director of Marketing and Communications

- See Laura's presentation at <https://www.dropbox.com/sh/okm8dk612ub2ets/AADprEhg9FmyO9g0t7l6Tmtva?dl=0>
- ITS = Intelligent Transportation Systems
- Michigan is at the forefront of ITS research.
- Why are we interested in ITS now? Because government, states, consumers are ready to adopt this technology.
- Safety Pilot Model Deployment – Largest single research project the fed government ever awarded. Awarded to UMTRI. 800+ vehicles are outfitted with vehicle to vehicle technology.
- Questions

- What about Big Brother concerns? Francine - For the pilot, they have access to all of the data. For the deployment, there will be no black box in the vehicle.
- Betty – Does the system notify the driver of the speed limit? Francine - No.
- Dale – How many towers do you need for the 2,800 drivers? Francine - They have 26 towers.
- Laura – Oregon has a section of road that has sensors that automatically update road signs on traffic conditions. Does this project have those types of sensors? Francine - Not right now.
- Joseph – Is there a comparable facility to the MTF? Francine - Sweden has probably the closest thing. Ohio has something, but not the fake downtown.
- Joseph – Is there sensing technology to tell you when something is happening to the equipment? NM has experienced vandalism to their very expensive technology. Francine - The antennas are up and out of the way. The technology on the car is retrofit.