POLICY AND ORGANIZATION GROUP
Committee Triennial Strategic Plan (TSP)

Committee Name and Number: ABG40, Library and Information Science for Transportation (LIST) Committee

Committee Chair: Leighton Christiansen, Co-Chair, 2015-2018
Kendra K. Levine, Co-Chair, 2015-2018

TSP Three-Year Period: April 2018-April 2021

Date Prepared: April 17, 2018

Committee Future Outlook Statement:

Current Committee Scope
This committee supports the transportation community through the application of library and information science to transportation research, information, publications, and data, in order to improve the access, findability, use, and preservation of those resources at local, state, national, and international levels.

The committee identifies critical research needs in this area, promotes understanding of these topics throughout the transportation community, and promotes the use of information resources through education, training, and collaboration, with the goal of improving the dissemination, usage, quality, and efficiency of transportation research.

LIST Committee Role within TRB Standing Committees
The LIST committee is a member of the TRB Research and Education (ABGoo) Section. The Research and Education Section consists of five committees that propose research, share research findings, sponsor special activities, and provide a forum for transportation professionals to discuss today’s and tomorrow’s research and education-related transportation issues. Further, TRB’s Executive Director has asked LIST specifically to use our skill set to aid other TRB committees as they seek, create, and preserve information and data. Therefore, LIST has a strong mandate to work with and provide services to the broad spectrum of TRB’s standing committees.

Skills and Knowledge LIST Members bring to the Transportation Information Community

For our transportation information community, innovation and partnerships have played -and will continue to play- a key influencing role on how we perform our work, provide services, and define ourselves in our organizations and the broader transportation research and information communities.
**Collections:** LIST reaffirms its commitment to document digitization efforts and strives to assist members in completing collections, preservation of materials, and coordinating efforts to that effect. Digitization efforts are crucial for many reasons, one of which is accessibility to the public. The transportation community is wide-ranging, and placing digitized materials online (especially historical materials, of which there is great interest) can increase engagement with the public, especially in the cases of state DOTs, which are sometimes naturally insular with information. Digitizing collections and making them accessible enables users to access transportation information and history from anywhere, an important facet of librarians’ efforts toward open-access to more and more information. Preservation of historical transportation materials is also a vital part of this effort.

LIST maintains its charge to promote open access to publicly funded research results and will strive to ensure such material remains in the public. The committee endorses coordinated efforts to inform members of new technologies, best practices, trends, and digitization projects. Because digitization best practices can often vary depending on the type of library (lone librarians in smaller agencies will have a different experience than librarians at larger institutions) the committee will share a variety of different project that match up to the diversity of our members and the wider TRB community.

The group promotes best practices in applying standards relating to ADA compliance, and will strive to ensure its commitment that everyone, regardless of ability, will be able to access materials.

LIST also supports library efforts towards building trustworthy digital repositories that can reliably provide long-term access to digital publications.

**Services:** As technology and information needs evolve, library services will continue to adapt to leverage and respond to these changes. Resource sharing has been a traditional function of libraries for many years and technology has enabled it further, a trend that will continue as many libraries shed their physical collections. With online access to databases through licensed vendors, libraries will be gatekeepers to these services and must negotiate terms of use with the vendors to provide access to the research community. Libraries will continue to provide traditional research and reference services for their populations digitally, creating more opportunities for engagement with researchers that might be remote.

Libraries will increasingly provide information and guidance on matters related to intellectual property both for use, e.g., fair use guidelines, and for rights holders. We may move into this sphere which will more broadly impact our organizations. A lot of current services can already be categorized as knowledge management/knowledge services (KM/KS), and this will likely increase for those libraries that become more embedded within their organizations.

In addition, data and its management, storage, retrieval, classification, access, etc. whether at the local, state, and/or federal levels is already impacting and will increasingly impact on the future programs and resources the committee develops in
support of the transportation research community and TRB. The federally mandated Open Data Policy and its application by the USDOT present challenges and opportunities to the transportation information community in general and to the ABG40 committee in particular. The committee will need to identify short- and long-term strategies to support the execution of the mandate as well as, providing expertise and developing solutions to organizational needs.

By promoting its support for these key issues, LIST has laid out a plan that aspires to face the challenges of the 21st century head-on, and will ensure a brighter future for patrons, and transportation knowledge management professionals everywhere.

Factors and influences that will shape the committee’s activities

How do traditional library and information science principles and practices move beyond reports, books, and bibliographies to really impact and assist with research in the 21st century. Research outputs have changed to meet the interests and needs of decision makers and the public beyond the research community, and the transportation library community needs to consider how we may continue our core mission with this new landscape.

Data is a research asset just like a report or standard. Transportation libraries need to determine how they will work with big and small data sets. What data services can libraries provide and how may they work with the data and IT departments of their organization to extend the life of data for research. This will require exploring and balancing technological needs with any philosophical, ethical, and legal issues.

This committee aims to be international in scope and modally agnostic, though it still has heavy representation from state DOTs (highways) and academia (mostly highways). In addition to our efforts to engage our international community, we also need to find new members and partners in different private industries, non-profits, and government agencies beyond DOTs.

Committee Plan

Committee Goals:

1. Identify and strengthen institutional partnerships and alliances through collaboration.
   To better serve the TRB community, and for LIST to grow, keep relevant, and maintain a vigilant posture on developments affecting the transportation information world, LIST must develop new strategies to strengthen communication and partnerships among its members, TRB committees/groups, the transportation research community and the national and international transportation information communities. In order to accomplish this, LIST must:
   a. Establish a formal liaison structure where committee members are assigned to attend other TRB committee meetings and functions.
b. Liaisons will be expected/required to represent LIST and report back on their assigned committee developments with views to determine challenges and opportunities for the committee.

c. LIST will look into developing liaison duties to natural partnership committees

d. Seek formal relationships and partnerships with TRB committees to push TRB’s research goals.

2. **Impact of greater access to electronic [digital] resources.**

Digital library services are sufficiently mature enough now that we need to examine how effective they are not only in reaching our users, but how the access to information digitally has impacted research. LIST will explore different frameworks to help libraries assess these impacts, such as how other disciplines use bibliometrics to assess research.

3. **Define research and training to inform and educate transportation professionals about new resources and tools and their effective use in transportation research.**

The development of transportation information professionals is also a goal of LIST. However, in order to fulfill this goal, LIST will partner with other organizations in order not to use the precious few programming slots available at the annual meeting. LIST will experiment partnering with other groups such as the TKNs, SLA, etc. to co-sponsor webinars or other programs outside the annual meeting. LIST needs to expand beyond the physical constraints of the annual meeting and TRB to attempt to reach a broader transportation audience.

4. **Identify critical issues and opportunities regarding data and data management.**

Through programs, publications and committee/member involvement LIST will actively promote the benefits of involving librarians as part of the organizational teams researching, planning and implementing solutions for the management of data, open access, digital content management, digital repositories, digital publishing and authorship, etc. Through its committee activities, presentations, paper calls, poster sessions and meetings, LIST will send a clear message to the community that librarians can be a valuable asset for developing solutions.

5. **Continue to promote access to international research and information and develop new means to engage international members.**

In order to have a broader variety of researches, the committee should try to involve more international studies. This is done more easily when there are a number of international members onboard. Publicizing through TRB itself and other conferences is a means to having more internationals in the committee. International members are expected to pursue the goals of the committee in engaging international researches and try to connect their peers, colleagues, and the researchers they know with LIST. The committee should encourage the
international researchers to collaborate in the meetings via conference call. TRB must promote the meeting sessions so that internationals can connect to the workshops and presentation sessions easily in order to encourage their engagement in the conference and committees. These are a few keys to a more successful international engagement:

- Recruit international speakers and researches to present at the meetings.
- Interpretation or subtitles can be offered to the main presenters.
- Since a great number of countries around the world are using the 24-hour clock, the schedule can be offered on a 24-hour basis rather than 12-hour.

6. **Enhance members’ engagement.**
Maintaining an engaged and motivated committee membership is always a challenge. To improve member’s engagement we will:
- Form a small task groups to develop specific parts of projects or committee work; such as annual meeting planning.
- Increase the number of non-information professional members to provide additional divergent points of view.
- Increase international committee representation.
- Recruit one or two additional “young members” to bring new professional perspectives on how to serve the next generation of researchers.
- Ensure that committee membership reflects a balanced composition with regard to geography, gender, race, ethnicity, and organizational affiliation.
- Request and expect firm commitments from members to get the committee work accomplished.

7. **Annual meeting planning cycle.**
The committee will adopt the posture to start planning for the annual meeting as early as January of the preceding year. It was demonstrated that the committee requires a full year to develop, identify, plan, schedule, etc. the annual meeting programs and meeting. We will work towards developing a more focused approach at developing data-specific programs, etc. for the next few years.

**Committee History**

Committee website
http://trblist.org

Membership gender and racial diversity
That information will go here...

Geographic distribution of membership
That information will go here...

Professional affiliation distribution of membership
That information will go here...

**Subcommittees and their chairs**

NA

**Other committee relationships**

AGB40 maintains formal and informal relationships with many different committees. Members of AGB40 maintain active involvement with the following committees:

- A0001: International Activities
- B0002: TRB Information Services Committee
- ABG10: Conduct of Research
- ABJ30: Urban Transportation Data and Information Systems
- APO50: Bus Transit Systems
- ABG30: Technology Transfer
- ABG50: Transportation History
- ABJ50: Information Systems and Technology

<table>
<thead>
<tr>
<th>Committee Code</th>
<th>Committee Name</th>
<th>Chair</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Levine, Kendra K.</td>
<td>4/15/2015</td>
</tr>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Christiansen, Leighton</td>
<td>4/15/2015</td>
</tr>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Sarmiento, Roberto</td>
<td>4/15/2012</td>
</tr>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Winter, Kenneth</td>
<td>4/15/2009</td>
</tr>
<tr>
<td>ABG40(1)</td>
<td>Subcommittee on LIST Transportation Research Thesaurus</td>
<td>Tucker, Sandra</td>
<td>4/15/2009</td>
</tr>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Tucker, Sandra</td>
<td>2/1/2003</td>
</tr>
<tr>
<td>ABG40</td>
<td>Standing Committee on Library and Information Science for Transportation</td>
<td>Thomas, Jeanne</td>
<td>3/1/1999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Members in Attendance at Annual Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Visitors in Attendance at Annual Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Papers Reviewed</td>
<td>0</td>
<td>6</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Total Number in Attendance at Mid-Year Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>