Lori Bowen Ayre Library Technology Consultant

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CURRENT CLIENTS AND PROJECTS

- Topeka and Shawnee County Library (<u>tscpl.org</u>), June, 2013-current.
 Working with TSCPL on RFID procurement that includes self-check and security equipment.
- Palo Alto Library (www.cityofpaloalto.org/library), October, 2012-current. Working with Library to develop an ILS procurement document. The project includes drafting the original document, working with the library to identify minimum qualifications for vendors to meet in order to be considered for a demonstration. Rather than working with a laundry list of requirements, the Library is focusing on identifying the key differentiating qualifications and seeking information about how the ILS vendor handles critical workflows.
- Alameda County Library (http://www.aclibrary.org/), July, 2013-current.
 Working with Alameda County Libraries to evaluate the materials handling operation at each location and interlibrary delivery between libraries. The engagement includes an evaluation of existing workflows and staffing.
- Santa Clara County Library (http://www.sccl.org/), July, 2013-current.
 Working with the Santa Clara County Library to test the effect of making freely available ebooks available to patrons directly from the Library catalog. The objective of the project is to test whether the Library can improve circulation of classic works by making them more easily accessible and by promoting the titles through library programs.

WRITINGS

- *RFID: One Step Closer to Interoperability* July/August, 2012 issue of Library Technology Reports published by ALA TechSource.
- White Paper: Why A Shared Library System Makes Sense, (2011). The paper articulates the reasons that moving to a shared library system makes sense for libraries and for patrons and reduces costs in the process.
- Fulfillment-Direct Delivery of Library Material. Chapter in Moving Materials: Physical Delivery in Libraries. Valerie Horton & Bruce Smith, Editors. Publisher: ALA Editions, 2009.
- Wireless Tracking in the Library: Benefits, Threats, Responsibilities. Chapter 14 in RFID: Applications, Security, and Privacy. Simson Garfinkel and Beth Rosenberg, Editors. Publisher: Addison-Wesley/Prentice Hall. June, 2005.
- *Libraryfiltering.org*. Website for libraries considering filtering in their library. Contains summaries of filter products. Visitors can compare specific products and specific features.
- *RFID Backgrounder for Library Workers*. Provides easy to understand explanation of RFID and its application in libraries including costs. Discusses existing technology as well as future trends. April, 2006.
- Filtering and Filter Software March/April 2004 issue of Library Technology Reports published by ALA TechSource.
- *Library Computer and Network Security*. Editor of special section of Infopeople web site devoted to libraries, network security and desktop security. February, 2003.
- *Tools for Managing Public Access Terminals*, a short summary of products available for managing public access computers in libraries. May, 2003.

PRESENTATIONS

- *Open Source Resource Sharing in California*. Presentation at California Library Association, San Jose, CA, November 14, 2012.
- *Materials Handling Automation to Reduce Operating Costs.* Presentation at ALA Annual Conference, June 24, 2012 with co-presenters Alan Kirk Gray, John J.

- Callahan, and Gretchen Freeman.
- *Top Tech Trends in Materials Handling*. Online presentation delivered for Back in Circulation Conference, October 15, 2012.
- Application Development in Evergreen. Joint presentation with Jed Moffitt at Evergreen International Conference, Indianapolis, IN, April 26, 2012.
- *Top Tech Trends in Materials Handling*. Online presentation delivered for Infopeople, February 14, 2012.
- *Open Source ILS Marketplace*. Presentation at Califa Vendor Fair, Santa Clara, CA, September 1, 2011.
- *Cents and Sensibility: Will your Technology Pay Off.* Panelist at Public Library Association Annual Conference, Portland, Oregon, March 28, 21010.
- Open Source ILS Add-ons. Part three of a three part series on Open Source Library Software. Presented for multiple audiences. Describes available open source products available to supplement any library system, open source or proprietary, online webinar, 2010.
- Open Source Library System Software: Libraries Are Doing it For Themselves. Part
 two of a three part series on Open Source Library Software. Presented for multiple
 audiences. Explains how to get started with Evergreen and Koha, online webinar,
 2010.
- Open Source Library System Software: Free is Just the Tip of the Iceberg. Part one of a three part series on Open Source Library Software. Presented for multiple audiences. Introduces the concept of open source software and Evergreen and Koha, online webinar, 2010
- *Technology for Libraries and Information Centers*. Radio interview with Andrew Thornhill on Creative Washington, a radio program which aired on KKNW, Seattle, January 27, 2009.
- Wide Open Options: Open Source Solutions for Everyone. Moderator of panel at ALA Annual in Anaheim, June 28, 2008.
- *Transforming Your Library with Technology*. Presentation from the "Transforming Your Library, and Your Library's Future with Technology" panel at ALA Annual in Washington, DC. June 23, 2007.
- *The Synaptic Library*. Keynote presentation at the TechConnections 8 Conference held in Columbus Ohio, June 11, 2007.
- The Extensible Library: Library 2.0 and Patron 2.0 The Public Library Perspective. Presentation at the Society for Scholarly Publishing held in San Francisco on June 8, 2007.
- *Delivery 2.0 and the Future of Libraries*. Presentation at 38th Annual Interlibrary Loan Conference, Colorado Springs, Colorado, April 26, 2007.
- Think Fulfillment: Planning For Your Users' Future Delivery Needs Today. Half-day workshop at Metropolitan New York Library Council, New York City, February 13, 2007.
- *Introduction to RFID*. Presentation to the North Bay Linux User's Group, Sebastopol, CA, December 12, 2006.
- Fulfillment: The Future of Library Delivery. Mini-demo at California Library Association 2006 Annual Conference, November 11 2006, Sacramento, CA.
- Great Software for Public Access Computers. Mini-demo at California Library Association 2006 Annual Conference, November 12, 2006, Sacramento, CA.
- *RFID: Time to Jump Yet?*. Mini-demo at California Library Association 2006 Annual Conference, November 12, 2006, Sacramento, CA.
- *Library Delivery 2.0.* Presentation at Moving Mountains: Exploring Library Courier Services Symposium, September 14, 2006.
- *Managing Public Access Computers: Best Practices*. Infopeople workshop Instructor. Developed and delivered the *workshop* throughout California, 2006.
- *Using Webcasting for Public Programs*. Presenter at Better Together: Creating Partnerships for Community Learning Conference. April 10, 2006, Cerritos, CA.

- *RFID In* Context: *Libraries Won't be Walmarts*. Panelists at the April 7, 2006 session of the Oregon Library *Association* Annual Conference. Salem, OR.
- Let's Go Blogging. Panelist at the April 1, 2005 meeting of the California Society of Association Executives, Sacramento, CA.
- *RFID:* The *Vendors Answer the Tough Questions*. Moderator at a session sponsored by the IT Section of the *California* Library Association (CLA). Session was held at CLA's 2004 Annual Conference in San Jose, CA.
- *CIPA and E-Rate.* Panelist at ALA Annual Conference, Orlando, June 2004. Program was sponsored by ALA's Office of Information Technology Policy.
- Want To Go Blogging? Webcast presenter for Infopeople. March 9, 2004. webcast was part of the Technology Tuesday Series.
- Internet Filters Series. Three-part webcast series on Internet filters for presentation to Infopeople and North Carolina State Library audiences. Part 1: Light Switches or Dimmers?, Part 2: What Have You Done For Me Lately?, and Part 3: Product Highlights and Lowlights.
- CIPA and the Supremes. Co-presenter for Commonwealth Libraries of Pennsylvania.
 Speaking engagement was a six city tour on the Children's Internet Protection Act (CIPA) and filtering.
- Going Wireless. Moderator of panel on wireless technology at California Library Association's Annual Conference, November 2003.
- *Computer and Network Security 101*. Infopeople workshop instructor. Developed and delivered the workshop. Sacramento, California, 2002.
- Computer and Internet Troubleshooting 101. Infopeople workshop instructor. Developed and delivered the workshop throughout California, 2001-2003.

DRUPAL WEBSITE PROJECTS

- State Library of California (http://getinvolvedca.org/), 2011-current. Developed a new website for the State Library of California's GetInvolved project. Site is built using Drupal. Currently providing maintenance and support.
- Southern California Library Cooperative (http://www.socallibraries.org/), 2011current. Provided website development and design services on Drupal platform. Currently providing maintenance and support.
- **Infopeople** (http://infopeople.org/), 2012- current. Providing support and development services for Infopeople's Drupal website.

PAST CLIENTS

- Salt Lake City Public Library (http://slcpl.org/), 2012-2013. Worked with library on RFID and AMH implementation. Project included vendor selection, ROI evaluation, equipment selection, space design/remodels, change management, tagging and implementation planning.
- Marin County Free Library (http://marinlibrary.org), July, 2012-March, 2013. Provided cost-benefit analysis and feasibility study for implementing automated materials handling system at one of the branches and provided room layouts, equipment and customization recommendations for the purpose of optimizing workflow in check-in rooms as part of a branch remodel initiative.
- Illinois Library Association, (www.ila.org), August, 2011-March, 2012. Provided recommendations for developing a state-of-the-art library materials delivery system for the state of Illinois following the merger of nine regions into two regions. Included recommendations for optimizing resource-sharing throughout the state and improving efficiency throughout the system.
- Fenway Library Online (http://www.fenwaylibraries.org/), 2011-2012. Developing functional requirements and assisting in procurement process for Massachusetts' virtual catalog.
- **King County Library System** (www.kcls.org), 2007-2012. Lead Consultant on the IMLS-funded project, Empowered by Open Source. Work with KCLS began with the

- development of software requirements specification for integrated library system to be developed on open source platform such as Evergreen. These requirements continue to guide KCLS' Evergreen development activities. The IMLS project involved numerous activities including development of a website, participating actively in the Evergreen community, and recruiting additional libraries and developers.
- Califa (www.plsinfo.org), 2008-2012. Project Manager. Led the project to promote
 adoption of open source library systems (e.g. Evergreen and Koha) and open source
 resource-sharing systems (e.g. Fulfillment) in California libraries. Over the course of
 the four years, several libraries migrated to Koha, several are evaluating Evergreen,
 and the first pilot of the Open Source ILL product, Fulfillment, was initiated.
- Sonoma, Napa, and Partners (SNAP), 2011-2012. Developed functional requirements for the SNAP network, a shared library system providing services to Sonoma County, Napa City-County and their library partners.
- San Jose Public Library (sjlibrary.org), 2010. Provided cost benefit analysis of RFID and automated materials handling solutions for reducing operating expenses and increasing customer service workflow efficiencies.
- Washington County Cooperative Library Services (wccls.org), 2010. Conducted
 materials handling and collection management analysis to address space shortage
 issues, materials handling workload, and how to reduce turnaround time of
 interlibrary delivery. Provided recommendations related to optimizing delivery and
 sorting, modifying the library system software settings to improve services, and costs
 and benefits associated with implementing RFID and automated materials handling.
- Massachusetts Library System (masslibsystem.org, 2009-2010). Assisted with development of RFI/RFP to implement central, automated sort for all Massachusetts regional systems. This project is a follow-up to the delivery evaluation performed in 2008.
- MARINet (www.marinet.info) 2009. Evaluated staffing requirements for system office of MARINet, an organization providing shared catalog (and other services) for six library systems
- King County Library System (www.kcls.org) 2008. Compared costs and benefits of materials handling operations between two library branches that differed only in how they used automated systems to get the work done. Demonstrated a significant savings for library using automated materials return system.
- Metrowest Massachusetts Regional Library System (mmrls.org), 2008. Evaluated
 delivery operations of all six regional systems and made recommendations for
 optimizing services including integrating delivery operation with library system
 software, consolidating delivery systems and automating sort. Recommendations
 related to sorting, labeling, and workflow were also included.
- Multnomah County Library (multcolib.org) 2008-2009. Conducted materials handling
 and collection management analysis. Provided recommendations related to
 interlibrary delivery, sorting, materials processing, and alternative ways of connecting
 customers with library material.
- **Sonoma County Library** (sonomalibrary.org) 2007-2009. Ongoing engagement with library to support IT team and to assist with facility remodel projects. Contract began with evaluation of interlibrary delivery services.
- Metropolitan New York Library Council (metro.org), 2006-2008. Contract began
 with evaluation of delivery service in the context of other services provided to
 METRO members. Analyzed costs associated with providing delivery and alternative
 approaches to improving service. Continued engagement to help METRO maintain
 excellent delivery service.
- Palo Alto City Library, 2008. Conducted materials handling analysis. Providing recommendations and projected payback periods for implementing automated materials handling and RFID technologies.
- North Suburban Library System, 2008. Conducted delivery analysis and provided recommendations for optimizing operation and reducing cost.

- Peninsula Library System, 2007-2008. Managed Home Delivery Pilot project, a
 project funded by an LSTA grant to evaluate the cost and benefits of providing home
 delivery for library materials. Project was cancelled due to integration issues with
 integrated library system.
- Contra Costa County Library, 2007. Recommended automated materials handling system for libraries under construction, provided recommendations on use of RFID and bar code technologies.
- **Infopeople Project**, 2000-2008. Managed numerous projects including rolling out computer labs, and establishing and managing the webcast program. Developed and delivered workshops. Currently providing support as needed.
- Western New York Library Resources Council, 2007. Evaluated use of resource sharing tools by member libraries and providing recommendations for developing a regional resource sharing and delivery plan.
- Santa Clara County Library, 2006-2007. Analyzed public access computing environment. Worked with library to implement recommendations made as a result of analysis. Assisted with managing the project.
- Solano County Library, October 2006-2007. Evaluated materials handling and delivery
 operations. Provided recommendations for ways to improve workflow, better utilize
 existing equipment. Made recommendation for central sort facility including
 suggesting specific automated materials handling equipment and defined desireable
 features. Recommended sorters and self-check-in equipment for select library
 branches.
- Berkeley Public Library, 2005-6. Project manager for redesign of library website. Project included graphically redesigning website and re-architecting the library's web-based information, integrating an events calendar using PHPCalendar, integrating Contribute for content management and assisting with Movable Type integration for blogging.
- California State Library Foundation, 2005-6. Assisted with the implementation of
 the Gates Foundation's Public Access Computer Hardware Upgrade Grant for the
 California State Library. Duties included assisting libraries eligible to receive funds
 to fill out paperwork, assisting State Library personnel in completing grant
 applications forms and planning the distribution of grant funds.
- North State Cooperative Library System, 2005-6. Project Manager for website redesign. Project included implementation of events calendar using PHP iCalendar. Developed custom membership management system and online directory.
- Librarian's Index to the Internet (lii.org), 2004-2006. Assisted with migration and redevelopment of lii.org intranet and extranet. Currently providing consulting services as assigned.
- California Library Association (CLA), 2003–2006. Implemented website redesign and Technology Plan. Currently on contract as Technology Counsel assisting with various projects.
- Califa, 2004. Provided content for, and helped develop Califa's RFID Information Forum.
- San Francisco Law Library, 2004-2007. Configured desktops for public use including setting up security, installing and configuring applications and establishing backup and cloning system. Providing ongoing support as needed.
- Online Archive of California/CDL and Infopeople, 2002. Responsible for developing training to libraries implementing digitization projects with LSTA funding.
- **Peninsula Library System, 2003**. Conducted efficiency analysis of Peninsula Library System's delivery system. Made recommendations for immediate improvements and long-term planning.
- Golden Gateway Library Network, 2001. Evaluated delivery system for 188-member library network, made recommendations for improving services and reducing costs.

OTHER WORK HISTORY

The Galecia Group, 2000- Present: Founder and Principal Consultant Kazan, McClain, Edises, Simon & Abrams, 1985 1992: Director of Technology International Women's Tribune Center, 1982-1985: Technical Services Librarian

ACADEMICS & PROFESSIONAL AFFILIATIONS

Memberships: NCIP Standing Committee, Association of Information Science and Technology, California Library Association, Library and Information Technology Association, American Library Association, Public Library Association, Computer Professionals for Social Responsibility, American Society for Information Science and Technology, Electronic Frontier Foundation

Certifications: Novell Certified Network Engineer, SCO ACE Engineer. Information Systems Certificate (Golden Gate University)

Masters of Library and Information Science - 2006, San Jose State University, San Jose, California.

Bachelor of Arts - 1981, Kalamazoo College, Kalamazoo, Michigan.