Bridges from Traditions to Transitions: Librarians as Knowledge Ecologists & Entrepreneurs for Social Change in 2030 (WLIC 2016 LAC Satellite)

Martin Kesselman, Rutgers University Libraries, New Jersey, USA

Grethe Delgado, Guevara, Nicoya Public Library, Nicoya, Guanacaste, Costa Rica
2030 CHALLENGES = OPPORTUNITIES

Changing Information Landscape and Knowledge Ecology

INFOpreneurship and Engagement

Disruption Requires Transformation

CLOUD Sourcing of Librarians

Creativity and Innovation – Brainstorming / Braincalming
CHANGING INFORMATION LANDSCAPE
FRAGILE INFORMATION
WE ARE ON THE EDGE
In 2030, what technologies will exist and impact libraries? e.g. Google Cardboard free, who would’ve imagined 3D printers?

Libraries need to redefine and reimagine themselves still focusing on core values in a changing environment.
Transformation will become the norm. Embrace change.

Engage with user communities, empower them to become leaders. Together, we all become advocates for social change.
By 2030; Yet unknown technology will exist: creative approaches needed to power development in communities libraries serve.

GLOBAL INFORMATION and NATURAL ECOSYSTEMS

Global library ecosystem changes due to environmental changes of users, technology, information, consumer self-sufficiencies.

Parallels with Nature, e.g. loss of habitat = loss of indigenous knowledge, unpreserved unique manuscripts, digital divides continue.

Global library revolution / evolution needs new “ecological” sustainability via collaborations such as IFLA.
IFLA’s FUTURE INFORMATION ECOSYSTEM

New technologies expand and limit access to information

Online education democratizes and disrupts global learning

Boundaries of privacy and data protection will be redefined

Hyper-connected societies will listen to and empower new voices and groups

Global information environment transformed by new technologies.
INFO-PRENEURSHIP: EFFECTIVE USE OF SOCIAL TOOLS AND POWER OF THE CROWD

Social tools gain importance (e.g. Turkey)

Risk Taking, Creativity, Innovation

Millions of conversations and mobility = User Empowerment

National and Global Collaborations of Researchers and Users

Community Engagement is Key

Disruptive Environments requires quick adaptation based on community social needs. (similar to disruptions in habitat)
Push or Pull? -- Engagement
"Living a risk is jumping off the cliff and building your wings on the way down" (Ray Bradbury)

“Two roads diverged in a wood, and I…I took the one less traveled and that has made all the difference” (Robert Frost)

“Let’s make a dent in the universe” (Steve Jobs)
“People in Fiji would rather go without water to have a mobile phone” (Ela Volatabu, Librarian, University of the South Pacific, Fiji, M-Libraries 2011 Conference, Brisbane, Australia)

“Mobile devices are the single most transformative technology for development in Africa” (Jessica Colaco, IHUB, Kenya. M-Libraries 2011 Conference, Brisbane, Australia)

“Africa is book poor but cellphone rich” (Denise Nicholson, University of Witwatersand, South Africa. M-Libraries 2011 Conference, Brisbane, Australia)
Engagement Empowerment, Embedded: BREAKING DOWN BARRIERS
LIBRARIES AS BRIDGE BUILDERS

DISRUPTIVE TECHNOLOGY

is a technological innovation, product or service that eventually overturns the existing dominant technology or status quo product in the market. For example, automobiles displaced horses for transport. Early roads were designed for horses, not cars. Nevertheless, the potential for greater convenience, reliability and speed offered by the motor car meant that the road system was eventually redesigned in its favor.

The Eight Track marginalized the Record Player.

The Eight Track gave the ability to have music travel with you in the car.

The Cassette Tape displaced the Eight Track, giving longer play times, a smaller size of player and media, and more functionality.

The Compact Disc displaced the Cassette Tape, giving higher quality and cheaper production costs.

The Digital Audio Player is displacing the Compact Disc. From 15 - 20 songs per CD to hundreds and thousands of songs in a smaller form factor, with content that can be transferred effortlessly through the Internet.
Sustainable global library shares knowledge and expertise.

Cloud already supports social creativity and learning.

Cloud-based services more agile to changing needs
CLOUD-SOURCING FOR LIBRARIANS (2)

OCLC has transformed into a forum for shared and interactive knowledge in a changing digital environment (OCLC, 2015).

IFLA: a forum to develop clouds of global libraries sharing knowledge, resources and capabilities.

New ideas and tools e.g. cloud models and language translation more possible in 2030 due to changes of thinking and technology.
GLOBAL LIBRARY CLOUD SUPPORT AND SERVICES

- Social Engagement
- Social Networking
- Social Learning
- Social Innovation
- Low-cost and ubiquitous technologies
- Data and Metrics
- Disruptive Challenges and Opportunities

SUSTAINABLE LIBRARIES WITH CORE VALUES FOR ENGAGING GLOBAL CITIZENS

- Creative Risk Taking
- Crowdfunding and Support
- New Librarians
- New Ideas
- Professional Development
- Change Management
- New Learning Opportunities
Creativity and Innovation

500hats.edublogs.org
BRAINCALMING EXERCISE

Clear your mind, Close eyes, Breathe deeply, let your mind wander.

Breathe out all negativity, Breathe in positive thoughts.

Think of a challenge in engaging / empowering your community.

Tweet how you might develop / change a project and assume that you have no challenges or obstacles to try something new.

http://dstudio.ubc.ca/toolkit/temporary-techniques/brainstorm/
GRACIAS

https://www.oclc.org/content/dam/oclc/news/design/news-hero-memberforums.gif