

Quarterly Report

National Network of Libraries of Medicine - MidContinental Region Region 4

February 1, 2007 - April 30, 2007

Contract No. N01-LM-6-3504

Spencer S. Eccles Health Sciences Library
University of Utah

Submitted July 30, 2007

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Executive Summary

Personnel

Rebecca Brown was hired as the Kansas/Technology Liaison and started working for the RML on February 1, 2007.

Wayne Peay, Director, announced that he will relinquish his responsibilities to Joan Stoddart, Deputy Director, effective July 1, 2007. Ms. Stoddart will become the Acting Director for the library and the RML. Mr. Peay will retire at the end of September 2007.

Community Outreach

In February, Siobhan Champ-Blackwell, Community Outreach Liaison, organized a teleconference for the RMLs, the NNO, and SIS to provide input on the cultural competence web site that NLM has contracted to be developed. As a result of this discussion, SIS will continue to fund its development.

The Sacred Root Tribal Information Fellows participating in the SIS program visited Eccles Health Sciences Library on March 14-15, 2007. The visitors work for the Tuba City Regional Health Care Corporation on the Navajo Reservation in Arizona. As part of their schedule they spoke with Eccles library staff, TC4C librarians, and the person in charge of LSTA awards at the state library. They took away the knowledge that libraries could play a significant

role in their health promotion efforts. TC4C will work to maintain the relationship that started with this visit.

The steering committee that formed following the Conference on Native Health Information Services in the U.S. held in July in Albuquerque held monthly meetings. Claire Hamasu, Associate Director, served as recorder. A team charter has been written identifying the vision and mission that will guide the committee's work. The group has named the project "Outreach Connections: Native Health Information." Subcommittees (design, content, technical, and publicity/evaluation) have been formed to work on the web portal.

Consumer Health

Marty Magee, Nebraska/Education Liaison, produced the CD "So You Have a Medical Question" with tutorials on MedlinePlus, Go Local, PubMed, science resources and services provided by the NN/LM that include training and membership. The CD is meant for public librarians. One public library is already using it for staff training.

At the request of NLM, Dana Abbey, Colorado/Consumer Health Liaison, and Ms. Champ-Blackwell reviewed the usability of the Information Rx site and provided recommendations to facilitate its use as well as changing language and links to incorporate Genetic Home Reference Information Rx.

Education

The RML expanded its use of Acrobat Connect and offered a two part series “Databases on Display.” Liaisons provided brief descriptions and demonstrations of Toxmap, NIH Senior Health, MedlinePlus, Household Products Database, Genetic Home Reference, LactMed, AIDSInfo, and PHPartners.

Ms. Magee presented her online course “Thinking Like an MBA” for the first time in February. Following the initial announcement the class immediately filled with the maximum of 10 participants. There are currently 27 people waiting for another offering. Evaluations were excellent. Two unforeseen challenges were institutional restrictions to downloading software and the inability of all participants to access the same electronic library resources due to license restrictions.

Technology

Ms. Champ-Blackwell recorded an interview with Joy Voltz of the Office of Interprofessional scholarship, Service, and Education at Creighton University for Sharon Dennis, Technology Coordinator, to reformat as a podcast. This interview is the first of the MCR’s Plains to

Peaks Podcasts. Ira Combs, Community Liaison Nurse Coordinator of Minority Health Education Research Office and Regional Advisory Board member, has also been interviewed. His podcast will be available next quarter.

A 3 hour test of the PIGs in the two Omaha Resource Libraries had clear video/audio and successful sharing of PowerPoint slides and no interruptions. The Resource Library in Kansas was finally able to resolve its technology issues and successfully tested their PIG with Utah. We have yet to do a test with all four locations. The “Grant Writing for \$ucce\$\$” class will be the pilot distance training test for the RML. The class lasts a full-day and this was determined to be too long for single distance-ed session, so the workshop will be taught in two half-day sessions. Finding two consecutive days when the three rooms were available was difficult. Each of the rooms where the PIGs are installed is also used for other purposes. The earliest that we could schedule the workshop is for the second week in May.

Our library improvement project is ready for the second phase. A stand-alone computer connected to the Internet with peripherals (webcam, headset) has finally been installed at Shriner's Hospital for Children. Everything works and now usage and usefulness of having such a computer can be documented! It has taken almost a full year to get to this point.

Network Infrastructure

Table 1: Quarterly Infrastructure Data

	Current quarter	Previous quarter
Network members – full	166	184
Network members – affiliate	259	238
Libraries providing services to unaffiliated health professionals	109 (66%)	110 (60%)
Libraries providing services to public users	119 (72%)	120 (65%)
Average fill rate for resource libraries	76.6%	78%

Network Membership

The RML completed its membership renewal for full Network members. Getting members to complete the online membership agreements along with the information for the membership certificates took longer than expected. We renewed 166 full Network members. This is a smaller number than when we started the renewal process. The drop from the original number (195) is a result of non-renewals, closed libraries, and changed status from full to Affiliate. The RML concentrated its efforts on full Network members this year and will follow up with Affiliate members in year 2.

John Bramble, Utah/Network Membership Liaison, and Amanda Enyeart, Regional Advisory Board member, planned the implementation of a reference continuity project for the region. An announcement was distributed via MCMLA-L describing the concept and

requesting that libraries already partnering or interested in partnering identify themselves. Interested responses came from Colorado, Missouri, and Utah. A strong protest came from some members in Colorado who felt that administrators would see this as another reason to reduce staff or eliminate the library. Mr. Bramble sent out an email explaining again the purpose of the project and reassuring members that the project would be carefully crafted so that administrators could not use it as an excuse to reduce or eliminate library services.

Between February and April, Mr. Peay and Ms. Hamasu visited each of the Resource Libraries and gave the “Grand Tour 2007” presentations on the importance of the Resource Library in the distributed model and how each organization benefits from the collaboration. This tour addressed concerns and misunderstandings that were reported in “Examining the Resource Library Experience of a Distributed RML.”

Regional Advisory Board Activities

Board members were invited to attend the Eccles Health Sciences Library InfoFair preceding the meeting on April 10, 2007. InfoFair is an annual event sponsored by the library to provide up-to-date information on computer services, applications, and resources as well as a glimpse into the future of computing in the health sciences. At the board meeting members heard presentations on NLM consumer health information initiatives and emergency planning, about how the MCR is using Adobe Acrobat Connect and podcasting to inform our members, and about the use of Inspiration as a project development tool. Several members of the board have been very active in emergency planning. In the discussions members contributed ideas and organizations that will assist member involvement in supporting emergency planning for their institutions and their communities and

useful activities that the RML can implement to assist Network members. A newly learned group collaboration tool, Appreciative Inquiry, was used to elicit trends that will be used for the library advocacy project. (For meeting minutes see Attachment 2)

Needs Assessment and Evaluation Activities/Data

Barb Jones, Missouri/Library Advocacy Liaison, is now an authorized instructor for the “Measuring Your Impact” class. She joined with Betsy Kelly, Assessment and Evaluation Liaison, and taught “Measuring Your Impact: Using Evaluation to Demonstrate Value” on March 22, 2007. With Ms. Jones, we no longer need to schedule a co-instructor from another region when we want to offer the class.

Ms. Kelly programmed the Activity Reporting System to accept year 2 reports.

Outreach

Table 2: Newly Funded Awards and Projects

Start/end dates	Title of award/project	PI institution	PI last name	Funding amount	Project type
	No new projects				

Update of Ongoing, Major Projects

No Activity

Table 3: Exhibits

Dates	Organization name	Meeting name	Location (city, state)
RML NATIONAL EXHIBITS			
	NONE		
RML REGIONAL/STATE/LOCAL EXHIBITS			
2/24/2007	Moab Valley Multicultural Center	Annual Moab Hispanic Health Fair	Moab, UT
2/27/2007	Interfaith/Good Samaritan	Commodities Distribution	Laramie, WY
3/31/2007	Black Family Wellness Association	Conference	Omaha, NE
4/4/2007	Colorado Colleague Connection	Annual Meeting	Denver, CO
4/11/2007	Utah Public Health Association	Annual Meeting	West Valley City, UT
4/11-13/2007	Kansas Library Association	Tri-Conference	Topeka, KS
4/12/2007		Molecular Biology Symposium	Aurora, CO

Dates	Organization name	Meeting name	Location (city, state)
RML REGIONAL/STATE/LOCAL EXHIBITS (CONT.)			
4/14/2007		9HealthFair	Red Feather Lakes, CO
4/17/2007		9HealthFair	Arvada, CO
4/30/2007	Kansas Department of Health & Environment	Governor's Public Health Conference	Hutchinson, KS

Actionable Feedback received from Exhibit Visitors

No suggestions or recommendations were received from exhibit visitors this quarter.

MedlinePlus Go Local

The supporters of Missouri Go Local are looking for new sponsors since Missouri's Community Connections will lose its funding in June.

Table 4: Presentations and Training provided by RML Staff

Date	Last name of staff responsible	Title of presentation/training	Location (city, state)	Number of participants	In-person or distance education
Feb 2007	Magee	Online Moodle class - Thinking Like An MBA (4 week class)		9	Distance
2/5/2007 & 2/16/2007	Dennis	Introduction to Blogs and Wikis (via Skype/Festoon)		6	Distance
2/6/2007	Abbey	Grillo Health Center Volunteer Training	Boulder, CO	10	In-person
2/7/2007 & 2/12/2007	Dennis	Introduction to Blogs and Wikis (via Breeze)		2	Distance
2/9/2007	Magee	Special Libraries Class	Omaha, NE	16	In-person
2/14/2007	Bramble	Center for Multicultural Health	Salt Lake City, UT	5	In-person
2/21/2007	Dennis, Magee	*Breezing Along with the RML - February		39 Synchronous 43 Asynchronous	Distance
2/21/2007	Jones	Bates County Memorial Hospital Training	Butler, MO	29 total participants in 4 sessions	In-person

Date	Last name of staff responsible	Title of presentation/training	Location (city, state)	Number of participants	In-person or distance education
2/24/2007	Bramble	MedlinePlus en espanol (20 minute sessions)	Moab, UT	46 total participants in 7 sessions	In-person
2/27/2007	Peay, Hamasu	Grand Tour 2007	St. Louis, MO	20	In-person
2/28/2007	Peay, Hamasu	Grand Tour 2007	Columbia, MO	20	In-person
2/28/2007	Magee	Midland Lutheran College	Fremont, NE	21	In-person
3/1/2007	Hamasu (co-instructor)	Grant Writing for \$ucce\$\$	St. Louis, MO	15	In-person
3/2/2007	Magee	Training at Good Samaritan Hospital	Kearney, NE	2	In-person
3/2/2007	Jones	School Nurses Training, Parkway School System	Chesterfield, MO	27	In-person
3/5/2007	Bramble (co-instructor)	2007 University Hospital Spinal Cord Injury Forum	Salt Lake City, UT	35 total participants in 2 sessions	In-person
3/6/2007	Peay, Hamasu	Grand Tour 2007	Laramie, WY	10	In-person
3/7/2007	Peay, Hamasu	Grand Tour 2007	Denver, CO	15	In-person
3/8/2007	Hamasu (co-instructor)	Grant Writing for \$ucce\$\$	Denver, CO	7	In-person
3/8/2007	Bramble (co-instructor)	Health Education Association of Utah	Sandy, UT	31	In-person
3/8/2007	Bramble	National Multiple Sclerosis Society-Utah Chapter	Salt Lake City, UT	14	In-person
3/8/2007	Magee	Health Resources	Lincoln, NE	10	In-person
3/14/2007	Magee	Following the Clues (poster presentation – MPLA)	Albuquerque, NM		In-person
3/14/2007	Magee	Health Information Partnerships (poster presentation – MPLA)	Albuquerque, NM		In-person
3/15/2007	Abbey	NLM Consumer Health Resources	Greeley, CO	2	In-person
3/19/2007	Jones	School of Nursing Training	Columbia, MO	5	In-person
3/20/2007	Magee, Bramble, Abbey	Databases on Display: Toxmap, NIHSeniorHealth, MedlinePlus		15 Synchronous 45 Asynchronous	Distance
3/21/2007	Kelly	*Breezing Along with the RML - March		38 Synchronous 30 Asynchronous	Distance
3/22/2007	Champ-Blackwell	Spanish Resources for Health Care Providers	Omaha, NE	18	In-person
3/22/2007	Kelly, Jones	Measuring Your Impact	St. Louis, MO	12	In-person
3/23/2007	Abbey	NLM Consumer Health Resources	Grand Junction, CO	10	In-person
3/26/2007	Dennis	RSS: the New Table of Contents Service	South Jordan, UT	8	In-person

Date	Last name of staff responsible	Title of presentation/training	Location (city, state)	Number of participants	In-person or distance education
3/28/2007	Champ-Blackwell	No Comprende	Denver, CO	13	In-person
4/4/2007	Champ-Blackwell, Jones	Maximize your Impact with Collaboration	Kansas City, KS	5	In-person
4/05/2007	Peay, Hamasu	Grand Tour 2007	Omaha, NE	15	In-person
4/05/2007	Peay, Hamasu	Grand Tour 2007	Omaha, NE	15	In-person
4/12/2007	Champ-Blackwell	No Comprende	Salt Lake City, UT	13	In-person
4/12/2007	Abbey	Beyond an Apple a Day	Salt Lake City, UT	7	In-person
4/14/2007	Abbey	Consumer Health Resources	Red Feather Lakes, CO	8	In-person
4/16/2007	Abbey	Consumer Health Informatics Session	Denver, CO	8	In-person
4/16/2007	Jones (co-instructor)	School of Nursing Training	Kirksville, MO	5	In-person
4/17/2007	Magee	Nebraska Urban AHEC	Omaha, NE	2	In-person
4/18/2007	Brown, Jones	*Breezing Along with the RML - April		35 Synchronous 26 Asynchronous	Distance
4/19/2007	Peay, Hamasu	Grand Tour 2007	Kansas City, KS	30	In-person
4/19/2007	Abbey	NLM Consumer Health Resources	Pueblo, CO	3	In-person
4/24/2007	Hamasu (co-instructor)	Grant Writing for \$ucce\$\$	Kansas City, KS	9	In-person
4/25/2007	Brown (co-instructor)	Kansas Public Health Certificate Program	Topeka, KS	50	In-person
4/25/2007	Henning, Jones	Databases on Display: Household Products Database, Genetics Home Reference		7 Synchronous Asynchronous not available	Distance
4/27/2007	Bramble (co-instructor)	Evidence Based Public Health	St. George, UT	12	In-person
4/27/2007	Champ-Blackwell	NICLC Consumer Health Resources	Omaha, NE	7	In-person

*Over the quarter each "Breezing Along with the RML" session received an average of 70 viewers (synchronous or asynchronous).

Other Staff Activities

Table 5: Publications and Resources Developed by RML Staff

Date completed/published	Last name of staff responsible	Title	Medium	Submitted to Clearinghouse (“yes” or “out of scope”)
4/15/2007	RML Staff	Plains to Peaks Post Vol.5 No.4	Newsletter	Out of Scope
4/2007	Champ-Blackwell	Plains to Peaks Podcast #1: Joy Voltz	Podcast	Out of Scope

Notable Staff Activities

February 2007

Ms. Jones partnered with Susan Centner, librarian for the Missouri AHEC, providing training in rural Missouri on the use of NLM resources and the MAHEC Digital Library. The presentation at Bates County Memorial Hospital had 100% physician attendance.

February 1, 2007

Ms. Hamasu participated in the NN/LM emergency preparedness meeting organized by the OERC and hosted by the NN/LM PSR.

February 9, 2007

Mr. Bramble participated in a meeting of organizers for the Moab Hispanic Health Fair.

February 13, 2007

Ms. Hamasu met with the Eccles Systems Department to review and prepare a proposal responding to the RFP from Web-STOC to establish a backup server for nnlm.gov. Ultimately NLM was selected as the backup location.

February 14, 2007

To build the technology capacity in the region, Ms. Jones has provided members of the MCMLA Library Advocacy task force with headsets to enable meetings using Skype.

February 19 - 27, 2007

Ms. Brown cleaned up MCMLA-L by contacting those with addresses that were bouncing back messages and deleting invalid email addresses.

February 23, 2007

Ms. Jones initiated discussion with an academic and special librarian to develop a session on the value of libraries for the Missouri Library Association annual meeting.

March 5, 2007

Ms. Champ-Blackwell, Ms. Kelly, and Ms. Jones attended Methods for Strategic Collaboration and learned how to organize groups using Appreciative Inquiry, Open Space Technology, World Café, and Polarity Management.

March 13, 2007

Ms. Dennis set up Google calendar for staff testing. If successful, MCR will promote events on our web site using Google calendar.

March 21, 2007

Mr. Bramble attended the LinkOut meeting and reported quarterly activities.

March 23, 2007

Ms. Magee attended the ICON (health sciences librarian consortium in Nebraska) and presented an MCRML update.

March 29, 2007

Ms. Abbey and Ms. Champ-Blackwell co-facilitated a Café to Go for the quarterly Colorado Consumer Health Information

Librarians meeting around the topic of developing community partnerships. Unfortunately, a snow storm caused very poor attendance.

April 4, 2007

Ms. Jones and Ms. Champ Blackwell attended the annual Cambio de Colores conference in Kansas City, Missouri and presented the talk "Maximize your Impact with Collaboration."

April 12, 2007

Mr. Bramble is a member of the cross-regional team that started developing online training using Moodle and Acrobat Connect for LinkOut and DOCLINE.

April 19, 2007

Ms. Brown assumed management of the Kansas Biomedical Librarians listserv.

Mr. Bramble is a member of the NN/LM team revising the DOCLINE etiquette document.

April 26, 2007

Mr. Bramble and Outreach Librarians from Eccles Health Sciences Library visited public libraries along the I-15 corridor (runs North-South) distributing promotional materials and promoting training. They also visited with the hospital librarian in St. George, Utah, a full Network member.

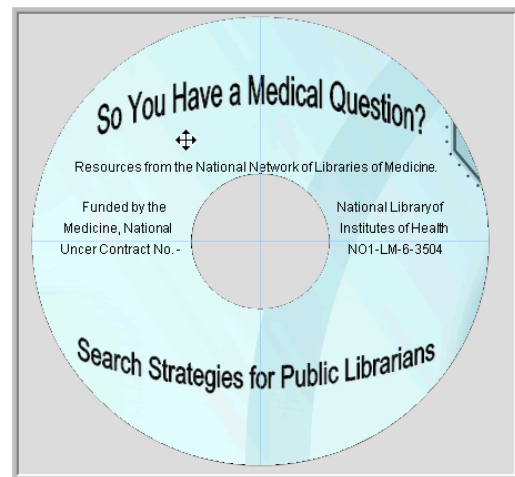
Photographs



MCR Regional Advisory Board members attending meeting in Salt Lake City.
l to r: Ed Galan, Lisa Traditi, Michael Karr, Kathy Tacke, Jim Bothmer, Roxanna Jokela, Ira Combs,
Mary Beth Warren, Stan Penfold Not Pictured: Linda Cooperstock



Marty Magee with “Prevention Man” at Black Family
Wellness Conference – March 31, 2007.



“So You Have a Medical Question” CD
developed by Marty Magee.

Attachments

Attachment 1:
Quarterly OARF Summary Data - RML Staff Activities

Outreach Activities Report MidContinental Region 2006-2011 - Project

RML Q4, 2006-2007

Generated: Wednesday, June 27, 2007

46 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	482 participants
Average number of participants:	10.48 per activity
Average length:	2.64 hours
Under 1 hour:	9 activities (19.57%)
Between 1 and 2 hours:	22 activities (47.83%)
Over 2 hours:	15 activities (32.61%)
Hands-on practice:	33 activities (71.74%)
Conducted remotely:	5 activities (10.87%)
Offering continuing education:	15 activities (32.61%)
Significant number of minorities:	10 activities (21.74%)

Type(s) of Organization(s) Involved in Activities

Health sciences library:	46 activities (100.00%)
Public library:	11 activities (23.91%)
Government agency:	18 activities (39.13%)
Hospital:	20 activities (43.48%)
Clinical/Health care:	10 activities (21.74%)
Academic Institution:	45 activities (97.83%)
Community-Based:	13 activities (28.26%)
Faith-Based:	8 activities (17.39%)
Public Health Agency:	15 activities (32.61%)
Other:	12 activities (26.09%)

Session Content

PubMed:	13 activities (28.26%)
MedlinePlus:	35 activities (76.09%)
ClinicalTrials.gov:	10 activities (21.74%)
NCBI:	0 activities (0.00%)
NLM Gateway:	8 activities (17.39%)
TOXNET:	12 activities (26.09%)
Other technology content:	29 activities (63.04%)
Other, non-technology content:	20 activities (43.48%)

Significant Minority Population Present

(>=50% of participants)

African American:	1 activity (2.17%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	0 activities (0.00%)
Hispanic:	10 activities (21.74%)
Native American:	1 activity (2.17%)

331 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	71.7%
Health care or service providers:	81 participants (24.47%)
Health science library staff members:	122 participants (36.86%)
Public Health worker:	23 participants (6.95%)
Public/Other library staff members:	69 participants (20.85%)
Members of general public:	37 participants (11.18%)



Attachment 2:
Regional Advisory Board Meeting Minutes

**NN/LM MidContinental Region
Regional Advisory Board Meeting
Tuesday April 10 - 11, 2007
Minutes**

Board members were invited to attend the Eccles Health Sciences Library InfoFair preceding the meeting on April 10, 2007. InfoFair is an annual event sponsored by the library to provide up-to-date information on computer services, applications, and resources as well as a glimpse into the future of computing in the health sciences.

The meeting began on April 10, 2007 at 3:30 pm MT.

Claire Hamasu, Associate Director, welcomed the members to Salt Lake City and the library. She announced that Wayne Peay, Director, would be retiring and introduced Joan Stoddart, who will be interim director starting July 1, 2007. Members and staff then introduced themselves.

Claire Hamasu presented for Renee Bougard, Associate Director for the NN/LM South Central Region, who was ill. The PowerPoint provided by Ms. Bougard described the RML's response to health sciences libraries following Katrina and Rita, the lessons they learned, and how they are developing an emergency plan for the region. A discussion followed with Ed Galan describing his experience and need for information when he was sent to respond to Katrina. Medical hand books that he had brought with him disappeared as other providers used them. Specialists were treating patients outside of their specialty area.

The meeting adjourned for the day and resumed the next morning.

Angela Ruffin, Head of the National Network Office of NLM, presented an overview of consumer health and emergency planning initiatives. Ms. Ruffin made her presentation via Adobe Acrobat Connect. She highlighted the redesign of MedlinePlus; introduced a new cultural competency web site that is under development; described the Information Rx program and its new participant organization, American Osteopathic Association; and Health Information Research Literacy Project, a joint effort sponsored by NLM and the Medical Library Association. Ms. Ruffin ended her presentation by describing how NLM had responded to the health sciences libraries following Katrina and Rita and NLM's emergency planning.

The group divided into three to address national emergency planning goals on a regional level by identifying issues associated with the goals and coming up with roles for the RML, Network members, and other organizations. The three goals addressed were:

Goal 1: Ensure continuity of access to knowledge-based and disaster-related health information to support health care before, during, and after local, regional, and/or national disasters.

Goal 2: Support communication among regions, network members, and NLM in the event of a local, regional, and/or national disaster.

Goal 3: Encourage sharing of knowledge, experience, and training and planning materials to enhance the development of regional and local emergency preparedness plans and expertise throughout the NN/LM.

Results of the discussion are attached as Attachment 1.

Sharon Dennis reviewed the use of two communication technologies. She showed Adobe Acrobat Connect as a presentation tool and encouraged members to think of topics they could present to the region. She then described how she and Siobhan Champ-Blackwell, Community Outreach Liaison, have been working to make audio recordings available as podcasts. Ms. Champ-Blackwell conducted two interviews with individuals who work with community based organizations. Ira Combs, one of the RAB members, is one of the interviewees.

Barb Jones, Missouri/Library Advocacy Liaison, implemented an exercise using appreciative inquiry, a process of addressing issues by looking at strengths and assets. Through interviews and small group work the group addressed the topic, Why are the combination of services, resources, and expertise provided by the health science library intrinsic to highly effective health care systems?

We identified elements in an experience we had worked toward satisfying an information need. We identified what we valued most about ourselves and either the part of your work that connects with the information needs of your patron or the part work that require you to look for needed information. Finally we expressed wishes for clarifying/improving/expanding/extending information seeking/acquisition or processing. The trends identified through this process are in Attachment 2.

Rebecca Brown, Kansas/Technology Liaison, demonstrated the Inspiration software program that can be used for project development. She distributed a trial version of the program.

Ms. Hamasu adjourned the meeting. She thanked outgoing members for their contribution to the board and all members for their participation in the meeting.
The meeting adjourned on April 11, 2007 at 2:30 pm MT

Attachment 1
Regional Emergency Preparedness Discussion
April 11, 2007

Goal 1: Ensure continuity of access to knowledge-based and disaster-related health information to support health care before, during, and after local, regional, and/or national disasters.

Group 1

Joan Stoddart (Facilitator)

Dana Abbey (Recorder)

John Bramble

Ira Combs

Linda Cooperstock

Betsy Kelly

Lisa Traditi

1. Identify major topics for discussion

Infrastructure:

- Interface with those who develop infrastructure within institutions
- Look outside of infrastructure (commercial, public libraries)
- Access to equipment and hardware—develop partnerships, understanding geography
- Phone, internet, satellite
- Prioritize what needs to be backed-up and who needs to know this information

- Access to e-resources
- Make agreements with publishers to dump data and store—then have access to the data
- Verification of licensures for medical staff (good Samaritan)
- What resources are needed: licensures; emergency diagnosis/dosages; triage—at what point to libraries get involved (how do libraries assist in getting this kind of information)?

- Know institutional disaster recovery plans
- Mutual agreements for information and human services continuity

- What are current information needs, how does it translate into an emergency
- Go Local Disaster information (sustainability, updated)
- Put information in format for local use (CD, flash drive)

Disaster drills of regional emergency plan with partners (for natural/physical disasters, or pandemics)

Libraries as Responders:

- Libraries have to show relevance to responding agencies/jurisdictions that it is important that they sit and participate in planning committees.
- What kind of information do responders need, what is the best source for that information?
- Finding people to advocate libraries value to the emergency planning and response process

Other Organizations

- What are the disaster groups operating in the state/region?
- How do libraries locate the key players? Hierarchy of information.

Two Specific Areas for Response:

- Natural/Physical disasters—infrastructure needs; information
- Pandemics—information needs

2. Identify Strategies/Action Items:

What is the Network member role? Local organizations/consortiums are missing from this list: (example: CCML (Colorado Council of Medical Librarians) members would provide services to the community) RML could coordinate this second-tier

Network member library to home institution:

=hospital libraries as well as academic libraries need to be incorporated into the emergency plans of their institutions

- needs would need to be communicated
- hierarchy of position (not by persons name)
- home institution already has a plan in place;

Network member library to community:

=public libraries, State libraries, library consortiums.

- Advance training for public library staff to assist the public in an emergency.

What is the RML role?

RML to Network member:

- Start the communications now
- Marketing tool to show how libraries can help in a disaster—talking points; unified effort amongst library groups (ALA, MLA, PLA, SLA, NLM) what have these groups already done?
- What can be done to have “talking points” to advocate for library’s value.

Goal 2: Support communication among regions, network members, and NLM in the event of a local, regional, and/or national disaster.

Group 2

Wayne Peay (Facilitator)

Mary Henning (Recorder)

Jim Bothmer

Rebecca Brown

Sharon Dennis

Michael Karr

Mary Beth Warren

1. Identify major topics for discussion

What is communication?

Infrastructure:

- Military
- Red Cross

- Libraries
- instant response
- What happens if the Internet goes down?
- What and who?
- What info is needed or being distributed?
- Informal contacts

Data-bookmobile

Portable-provider issues

How can we be sure that something is up-connectivity?

What's going on?

What would I like to know?

What should we do?

CDC dependable resources like Phix (Public Health Information Exchange), a secure e-mail broadcast system where public health officials can obtain info about outbreaks, emergencies, etc.

Hierarchy issues:

- NLM
- Regional resources
- Local resources

How do you keep track?

2. Identify Strategies/Action Items:

- Disaster kit: "One laptop per child" (<http://www.laptop.org/en/laptop/>) model with durable, crank powered laptops, solar rechargers, fuel cell batteries, caching info onto personal devices, ePocrates <http://www.epocrates.com/>, PubMed, etc. All loaded into watertight "caches" but who knows where instant info pods are? Drills, inclusion in agency disaster plans, independent power, data refresh cycle

- Many agencies have emergency plans already developed- use as models?
- Make sure institution knows disaster tree- both sides know
- Epicenter response –service matrix (target diagram)

- Health information: public libraries (do they know they are key players, their roles?)
- Satellite
- Library destroyed or contaminated- backup to regional resources:
 1. mirror sites
 2. disaster recovery plans
 3. web-based resources
 4. server access and referral

- Home resources: remember that many people including librarians have workstations at home and could continue providing services if not affected by power outages etc. (especially useful in disease/epidemic disaster) flood, fires, tornadoes, earthquakes, etc.

What is the Network member role?

Network member library role for home institution

- Framework for library responses-disaster recovery plan templates

What are other organizations to be considered?

- Regional newspapers
- Public safety
- Public health
- CDC
- Public libraries/RML libraries
- Local internet providers
- Insurance providers
- Telemedicine
- Law enforcement

Goal 3: Encourage sharing of knowledge, experience, and training and planning materials to enhance the development of regional and local emergency preparedness plans and expertise throughout the NN/LM.

Group 3

Claire Hamasu (Facilitator)

Marty Magee (Recorder)

Siobhan Champ-Blackwell

Edwin Galan

Roxanna Jokela

Barb Jones

Stan Penfold

Kathy Tacke

1. Identify major topics for discussion

Type of emergencies

Are there emergency plans in place?

Other organizations that NNLM may interface with

Conjoining states talking to each other

2. Identify Strategies/Action Items:

What would the disaster be and how would it affect the library –

- Highway
- Transportation
- Biohazards
- Food safety
- Quarantine issues/infection control
- Water safety - dams
- Earthquake - Everything within 30 miles could be gone.

What is the Network member role?

- Training that the library can offer –
- Does the office stay open or not?
- Do I evacuate?
- What do I do about family members?
- Non-essential vs. essential personnel

- Access to maps – Corps of Engineers, USGS
- Training for community as well as professionals.
- Training partnership with the public libraries i.e. Wisser
- Training partnership with other libraries e.g., chemical company, hazardous waste, mining company libraries.

Network member library to home institution:

- Kathy Tacke – minershospital.com – look at her web page in Medical Links for emergency preparedness – done for Joint Commission. Other hospital libraries should have similar information on their web sites since the Joint Commission requires preparedness plans for all hospitals.

Network member library to community:

- Government entities have checklists. Libraries need to get on these lists of organizations to be involved in emergency planning and to be contacted in time of emergencies.
- Each community has a Regional Intra-Agency Steering Committee – locally, federally, state that members should approach.

Network member to Network member:

- What about a buddy system? By community?

What is the RML role?

- Have a presence at emergency planning meetings – then funnel things to regional and public libraries.
- Organize information by state since all agencies have different regional boundaries.
- John Roberts, Coordinator Nebraska Hospital Bioterrorism Preparedness Program – received funds from HRSA to assist hospitals in responding to emergencies.
<http://www.nhanet.org/pdf/emergency/hospital.grant.2004.pdf>
- NNLM MCR State pages should have a place for emergency planning resources
- MedlinePlus Go Local as a repository of emergency services – can we pilot it?
- Nebraska has an edge – Former governor, Mike Johanns, is now head of USDA and Dick Raymond, former Chief Medical Officer is an Under Secretary at USDA.
- Encourage health science librarians to attend community and institutional emergency planning meetings
- Promote increased knowledge of emergency planning
- Kathy Tacke mentioned a series of teleconferences which she will send out.
- Claire indicated Utah public health department also sends out a training schedule, many of the sessions are video broadcasts
- Start a regional – Google calendar – Use the one we are piloting – for educational opportunities – Maybe color code accordingly.
- Repository of every library's emergency plans.
- Ask other medical libraries to send their web pages that they have created for emergency preparedness.

RML to other organizations:

The important thing is to capture all the neat NN/LM “selling points” to market the ideas of “where, how & when” this collaborative could take place within a national or state emergency preparedness plan(s) and in a proactive way Vs. last minute “crisis management” appeal for NN/LM help later on. Judging from most Emerg. Prep colleagues (who are sharp & sincere); most feds will not “automatically” see or connect to the benefits of a collaborative of this sort; unless the NN/LM plan is adroitly shared and presented...

- FEMA subgroup – SEMA (State Emergency Management Agency) – cross state line agreements
- MOU’s or MOA’s in place to help with costing
- Biopreparedness group in Nebraska
- Regional contact – U.S. Dept. of Health and Human Services
Office of Public Health Emergency Preparedness
Capt. Jim Imholte, RP
Regional Emergency Coordinator – Region VII
601 East 12th St. Rm. S1801
Kansas City MO 64106
Jim.imholte@hhs.gov
Tel – 816-426-3490
Cell 816-985-5589
Fax 816-426-2178

NDMS – National Disaster Medical System – has trainings available.

DMAT - Disaster Medical Assistant Team <http://www.dmat.org/>

COOP – Continuity of Operations (under federal or U.S. web search engines)

- What are other organizations roles?
Each state – depends on overarching agency – may depend on the emergency and whether it has been declared a national emergency or not.

<http://www.hhs.gov/aspr/> AND <http://www.hhs.gov/emergency/index.shtml#disaster> already includes some MedlinePlus resources.

Attachment 2
Themes from Library Advocacy Appreciative Inquiry
April 11, 2007

Topic: Why are the combination of services, resources, and expertise provided by the health science library intrinsic to highly effective health care systems?

1. Tell a story about a very powerful experience where you worked toward satisfying an information need. What are the elements that made this a meaningful experience? Who else was involved? What did you feel you achieved?

Symbol-- bright, shining, compact fluorescent energy efficient light bulb that mimics the sun's natural rays

- Making a difference
- Enlightening health care providers
- Increase visibility
- Show things
- Just in time provision
- Innovation
- Sense of community, using partnerships
- Providing individual help while also providing sustainable forms of help
- Realization that we don't always know how powerful the help is that we're giving people; we may never get a basket of fruit in thanks
- Filling real needs with real actions
- Making a difference in a positive way
- Personal, meaningful difference
- Challenge, quest
- Facilitators of self learning to enable others to meet their own needs
- Provide information at a level that can be used in languages and stories people can relate to
- Developing models for action that are practical (and sometimes don't work!)

2. What do you value most about yourself?

Symbol: cottonwood tree – flexible, ability to bow in the wind without breaking

- Flexible
- Listen
- Help
- Sense of humor
- Open minded
- Communication skills
- High level emotional intelligence
- See the bigger picture
- Use technology
- Use partnerships
- Appreciation of diverse groups
- Be creative

- Don't reinvent the wheel
- Curiosity
- Power of the librarian to effect change
- Innovative
- Every facet of our lives needs information, not only health info
- Mental gymnasts
- Good and active listening
- Networking and partnerships
- Holistic
- Connecting patients and professionals

3. If you are a librarian, what do you value most about the part of your work that connects with the information needs of your patron?

Symbol: fishing – teaching to fish, when they need a teacher, when they need a bigger boat

- Proactive, anticipate needs
- Enabling others to do their work
- Bringing down barriers
- Providing better communication
- Providing really good product

4. If you are not a librarian, what do you value most about the parts of your library/your librarian:

- Help the people who help the people
- Don't say no
- Work with people
- We can get anything people need in terms of information
- Good librarian
- Ability to work together

5. What three wishes do you have for clarifying/improving/expanding/extending the information seeking/acquisition/processing of your work environment or organization?

- More computer literate
- More business savvy
- Learn to accept change
- Be able to meet everyone's information needs
- Be more nimble
- Have more money
- More good ideas
- That librarians could identify the amount of information people need
- Be the first source of information? Give them the fish sometimes, teach them to fish other times
- Increased communication among entities
- Use of technology to solve problems
- Have more funding
- Know when to specialize, who should
- Generalize: who should share information
- Develop awareness among tech staff for need for technology in information provision

- More opportunities
- More money
- More supportive institutional infrastructure
- Need for rural providers to have information, especially evidence based
- Information is readily available to everyone who needs it
- A living wage supports valued work
- Remove the digital divide
- World peace – lack of it is distracting and limits available funding for higher purpose
- Community to understand the power of information

Attachment 3: Promotional Materials Provided

Date	Who	Items Provided	Purpose
2/26/2007	Little Priest Tribal College Library Nebraska	<ul style="list-style-type: none"> - MedlinePlus trifold - MedlinePlus pens - American Indian CB - American Indian Health On the Internet 	Health Fair in March
2/27/2007	Memorial Hospital of Sweetwater County Wyoming	<ul style="list-style-type: none"> - 50 MedlinePlus Bookmark - 1 MedlinePlus poster - 1 NN/LM Medicine Card - 1 Good Health Information on WWW card - 1 PubMed card - 50 PubMed Bookmark 	Teaching a PubMed/NNLM class to nurses
3/13/2007	University of Kansas Medical Center CDD Office Kansas	<ul style="list-style-type: none"> - 75 MedlinePlus Bookmark - 25 MEDLINE and MedlinePlus Card - 1 MedlinePlus poster - 149 NLM Pocket Card - 25 Consumer Health Card - 2 ClinicalTrials.gov card - 2 AIDS Information Services Card - 2 AIDSinfo Brochure - 2 Consumer Guide to NIH HIV/AIDS Brochure - 2 Health Information for Senior Citizens card - 2 Genetics Home Reference Card - 2 Tox Town Card - 2 Tox Town Brochure - 1 Tox Town Poster - 25 Household Products Database Card - 2 Haz-Map Occupational Health Database Card - 2 Connecting Native Americans To Health Info. - 2 American Indian Health - 25 PubMed Bookmark - 25 NLM Worlds Largest Medical Library Card - 25 National Network of Libraries of Medicine - 25 Good Health Information on WWW card - 75 PubMed card - 2 Gateway card 	Promotions for National Library Week
3/21/2007	Nebraska Urban Indian Health Coalition Nebraska	<ul style="list-style-type: none"> - 75 American Indian Health On the Internet - 50 AIDSinfo brochures - 75 MedlinePlus pens - 50 AIDSinfo CBs 	National Native HIV/AIDS Awareness Day event
3/27/2007	Cox Medical Center South David Miller Memorial Library Missouri	<ul style="list-style-type: none"> - 50 NLM Pocket Card - 50 Consumer Health Card - 25 ClinicalTrials.gov Card - 50 Health Information for Senior Citizens Card - 25 Genetics Home Reference Card - 25 Tox Town Brochure - 50 NLM Worlds Largest Medical Library Card - 50 Good Health Information on WWW card - 25 Public Health Resources - 25 The History of Medicine at the NLM Card - 25 The Visible Humans Card 	Information packets; public, professional handouts in library

Date	Who	Items Provided	Purpose
3/27/2007	American Association of Orthodontists Library Missouri	<ul style="list-style-type: none"> - 100 PubMed Card - 100 PubMed Bookmark 	Distributed at the 2007 Annual Session of the American Association of Orthodontists
3/27/2007	Saint Elizabeth Regional Medical Center Medical Library Nebraska	<ul style="list-style-type: none"> - 100 MedlinePlus Bookmark - 100 NLM Pocket Card - 100 PubMed Bookmark 	Hospital fair display & promotional in-library display
3/27/2007	Flint Hills Technical College Library Kansas	<ul style="list-style-type: none"> - 5 MedlinePlus poster - 50 Consumer Health Card - 75 Tox Town Card - 25 Tox Town Brochure - 5 Tox Town Poster - 10 Household Products Database Card - 50 Haz-Map Occ. Health Database Card - 25 Haz-Map Occupational Health Database - 15 Public Health Resources - 25 Toxicology Brochure 	To distribute to staff, faculty, students, and post in computer labs.
3/27/2007	General Leonard Wood Army Community Hospital Library Missouri	<ul style="list-style-type: none"> - 50 MedlinePlus Bookmark - 2 MedlinePlus poster - 20 NLM Pocket Card - 30 Consumer Health Card - 40 NLM Worlds Largest Medical Library Card - 40 Our Story Card - 30 NN/LM Card - 50 PubMed Card - 50 PubMed Bookmark - 1 Public Health Resources - 4 Profiles in Science Card - 5 The Visible Humans Card 	Display during National Library Week April 15-21, 2007
3/28/2007	Providence Medical Center Medical Library Kansas	<ul style="list-style-type: none"> - 50 MedlinePlus Bookmark - 5 MedlinePlus Bookmark (Spanish) - 25 MedlinePlus Card (English & Spanish) - 1 MedlinePlus poster - 25 NLM Pocket Card - 25 ClinicalTrials.gov Card - 20 AIDS Information Services Card - 25 Health Information for Senior Citizens Card - 20 Genetics Home Reference Card - 15 Tox Town Card - 1 Tox Town Poster - 20 Household Products Database Card - 20 Haz-Map Occupational Health Database - 10 NLM Worlds Largest Medical Library Card - 10 Our Story Card - 25 Good Health Information on WWW card - 50 PubMed Card - 50 PubMed Bookmark - 25 NLM Gateway Card - 25 DOCLINE Card - 25 WISER Card - 20 The Visible Humans Card 	I will use to market the medical library to the hospital patrons and community patrons. Also, I will use for the April 11 Medical Information Day Library Open House as handouts if they arrive in time. I will give appropriate brochures, cards (PubMed, MedlinePlus) to the different departments such as ER, ICU, Family Care, etc. for the patients and families.

Date	Who	Items Provided	Purpose
3/28/2007	Kansas State University Veterinary Medical Library	– 2 each of all NN/LM Promotional Items offered	Review to determine which items would be appropriate for presentations given in our college and the community.
3/28/2007	Wyoming Medical Center Library Wyoming	<ul style="list-style-type: none"> – 100 MedlinePlus Bookmark – 50 NLM Pocket Card – 10 Consumer Health Card – 10 ClinicalTrials.gov Card – 10 AIDS Information Services Card – 10 AIDSinfo Brochure – 10 Consumer Guide to NIH HIV/AIDS Information Services Brochure – 10 Health Information for Senior Citizens Card – 10 Genetics Home Reference Card – 10 Tox Town Card – 10 Tox Town Brochure – 10 Household Products Database Card – 10 Haz-Map Health Database Card – 10 Haz-Map Occupational Health Database – 10 Connecting Native Americans To Health Information Card – 10 American Indian Health Brochure – 10 NLM Worlds Largest Medical Library Card – 1 Our Story Card – 1 NN/LM Card – 10 Good Health Information on WWW card – 1 Our Collection/Our Databases Card – 1 How to Use NLM Card – 50 PubMed Card – 50 PubMed Bookmark – 1 NLM Gateway Card – 1 DOCLINE Card – 10 Public Health Resources – 1 Partners in Information Access for the Public Health Workforce – 1 Toxicology Brochure – 1 WISER Card – 1 Specialized Information Services Card – 1 The National Center for Biotechnology Information Card – 1 Telemedicine Card – 1 Health Services Research Info. Program Card – 1 The History of Medicine at the NLM Card – 1 Profiles in Science Card – 1 International Programs Card – 10 The Visible Humans Card 	<ul style="list-style-type: none"> – Give to Physicians and hospital employees – Give to patients and family – For my own edification
4/4/2007	Rose Brooks Center Missouri	– Medline Plus materials	Distribution to domestic violence clients

Date	Who	Items Provided	Purpose
4/12/2007	Denver Medical Library Colorado	<ul style="list-style-type: none"> - 200 MedlinePlus Bookmark - 50 MedlinePlus Bookmark (Spanish) - 250 PubMed Bookmark 	Raise awareness of two great NLM resources that our patrons can use for free online. Need something to pass out when I mention these resources to people. Also to pass out at the annual 9Health Fair.
4/19/2007	Van K. Smith Community Health Library Missouri	<ul style="list-style-type: none"> - 100 MedlinePlus Bookmark 	Distribution to consumers who visit the library
4/23/2007	Lamar Public Library Colorado	<ul style="list-style-type: none"> - 50 MedlinePlus Bookmark - 50 MedlinePlus Bookmark (Spanish) - 50 Good Health Information on WWW card 	I would like to put up these bookmarks in our stacks area to remind people that if they cannot find a book on the condition they are looking for; they can go to this web site to find accurate, up-to-date health information.

Attachment 4:
Subcontractor Quarterly Report

University of Nebraska
Nebraska Go Local

Quarterly Report

April 6, 2007

Submitted by Marie Reidelbach, McGoogan Library of Medicine,
University of Nebraska Medical Center, Omaha, NE

Current primary staff and their roles

- No changes to report at this time

Major changes or additions made to the database

- Reached over 5000 approved records
- Indexing roughly 700 additional clinics scattered throughout the state

Outreach and promotion efforts

- Exhibited at the Black Family Wellness Association Health Fair – March 31. Roughly 500 citizens of all ages attended.
- Exhibited at the Blair Community Health Fair – March 26. 300 citizens from Blair and surrounding communities were in attendance.
- Presented two sessions on Go Local Nebraska to the Northeast Library System on February 6 in Norfolk. The morning session included 16 library staff and 1 library trustee; the afternoon session included 18 library staff and 2 library trustees. The CHIRS program and the Go Local Nebraska project were covered in each hour-long class, with live demonstrations of Go Local Nebraska resulting in enthusiastic praise from the students.
- Posters and brochures for the Go Local project are being revised with a new look. The Go Local Nebraska website (<http://www.unmc.edu/library/golocal/>) will eventually link to the new promotional materials.
- Received \$11,000 from the Nebraska Library Commission to train selected public librarians across the state to become Go Local selectors. Also using the dollars to fund travel statewide to promote Go Local Nebraska. Each public library visited will receive a promotional poster, brochures, and baseball cards to promote the Go Local and CHIRS service.
- Created a blog for Go Local linked from <http://golocalne.blogspot.com/>. The blog is primarily used to communicate with the Advisory Committee as well as others about changes with the Go Local project.
- Traveling display on Go Local and CHIRS was sent to the following libraries during this quarter:
January 2007- Norfolk Public Library
March 2007- Alliance Public Library

User feedback received

- Positive verbal comments continue to be received as the database encompasses more of the services and providers across the state.

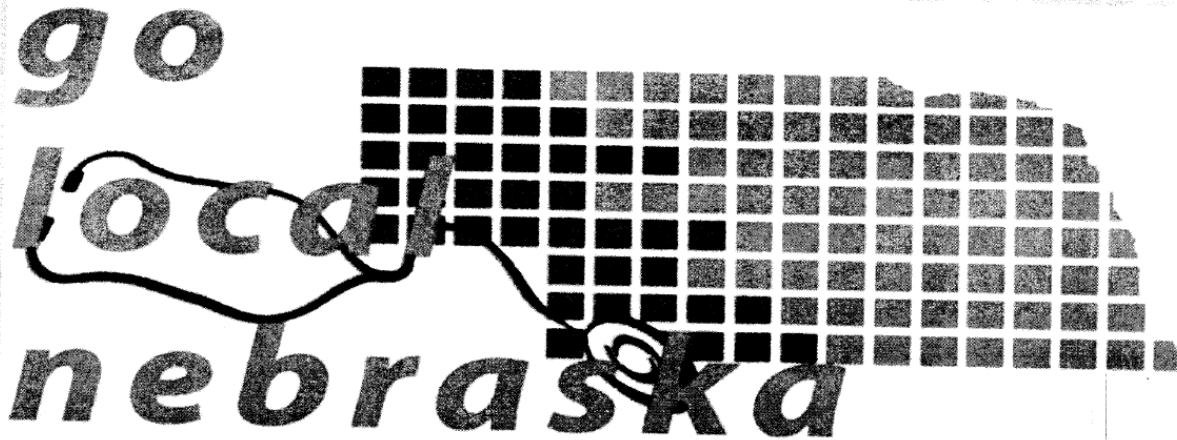


<http://medlineplus.gov/nebraska>

Are you looking for health services in your community? Do you need to find a support group in your area? Would you like to know where nursing homes across the state are located? If you have questions like these, you need Go Local Nebraska (<http://medlineplus.gov/nebraska>). This service is a cooperative initiative among the National Library of Medicine (NLM), part of the National Institutes of Health, the McGoogan Library of Medicine at the University of Nebraska Medical Center, and Nebraska's public libraries. Go Local Nebraska includes websites, contact information, and service descriptions for hospitals, physicians, nursing homes, support groups, and many other health resources.

A unique feature of Go Local Nebraska is its cooperation with the nationally recognized Consumer Health Information Resource Service (CHIRS) which has existed for more than 20 years. This free service provided by medical librarians from the University of Nebraska Medical Center, McGoogan Library of Medicine allows a Nebraska consumer to request health-related information about any health condition or concern. Medical librarians research the condition and provide a tailored package of information that may include: journal articles, book chapters, pamphlets, and web resources. This service is linked from within Go Local Nebraska, but can also be accessed at <http://www.unmc.edu/library/consumer>.

Go Local Nebraska and CHIRS link Nebraskans to quality health information and services in their area. For more information, please visit the Go Local Nebraska website at <http://medlineplus.gov/nebraska> or contact the McGoogan Library of Medicine: toll-free at 1-866-800-5209 or via e-mail at askus@unmc.edu



<http://medlineplus.gov/nebraska>

Have medical questions? Go Local Nebraska has the answers.

<http://medlineplus.gov/nebraska>

Go Local Nebraska ads in *North Omaha Area Health* Newspaper

Attachment 5:
Subcontractor Quarterly Report

University of Utah
goLocalUtah

**goLocalUtah Project
Quarterly Report
15 April 2007**

Introduction

We witnessed continued progress for the database and the overall goLocalUtah project this quarter.

Current staff and their roles

Liz Workman continues in her role as project director. Jennie Morris continues to contribute much to the project by resolving broken links and adding new records.

The Hope Fox Eccles Clinical Library staff members continue to audit records.

Now that auditing has been well underway for a number of months, volunteers who have adopted various counties within the state are encouraged to check their counties. One volunteer brought to Liz's attention a retrieval issue in her region; after a little research, we determined the problem was a mapping issue, and it was corrected.

Major changes or additions made to the database

208 records were audited this quarter. 5 new records were added during this same time period. Liz improved the mapping on many records.

Liz has noted that since project staff began auditing records (and thus correcting and deleting given records), the body of publicly accessible (approved) records has remained well-populated, and the database is continually robust.

Outreach and promotion efforts

The database was primarily promoted through presentations and by word-of-mouth efforts this quarter. Outreach team members at the Eccles Health Sciences Library presented gLU and other library services at four different events. Sally Patrick also presented goLocalUtah along with other services on "Studio 5", a program on KSL TV, which is a local NBC affiliated station. A group of NLM Native American Fellows also visited the MidContinental RML at the Eccles Library in March, and library faculty had the opportunity to demonstrate gLU to them.

Conclusion

goLocalUtah continues to serve state residents and the Internet community. Project staff remain optimistic and enthusiastic. This is truly a team effort, which is one major contributing factor to the continued success of gLU. The NLM-hosted model for go local databases has proven to be a very robust, flexible, and dependable mechanism, and we are fortunate to have NLM (and the NLM go local team) as a partner in this endeavor.

-Liz Workman

Attachment 6:
Subcontractor Quarterly Report

University of Wyoming
Wyoming Go Local

April 9, 2007

Wyoming Quarterly Go Local Project Report

Current staff and their roles

Rex Gantenbein, Ph.D. is director of the Wyoming Center for Rural Health Research and Education, and manages the project.

Bob Wolverton is the project coordinator (and only one assigned to the project), overseeing the site maintenance.

Web Usage and Outreach

According to the very extensive NLM web usage reports, Wyoming's Go Local site had the following activity:

- January: 2,531 hits from 303 visitors, who visited the site 452 times.
- February: 7,854 hits from 406 visitors, who visited the site 513 times.
- March: 2,935 hits from 406 visitors, who visited the site 561 times.

Outreach for this quarter has been primarily word-of-mouth. Our health librarians publicize Go Local when they speak around the state. With no funding for Go Local, we cannot expend money on paid site promotion.

Ongoing support

Bob Wolverton reviews links reported as broken by the NLM Link "crasher." We generally have between ten and 20 links reported as down each week. Most of the average week's links (estimated 80%), which are reported down each week are restored on Monday or Tuesday. Many state-sponsored web sites now bar link checkers and are reported as not being available. Each must be checked, of course, which expands to the number of reported 'broken' links and to the time required to check them.

Links that remain broken for more than a week are disabled in the database and entered into a Microsoft® Excel® file. Bob then checks the recalcitrant links until they are restored and re-activates them in the database. As links are checked or restored, Bob audits the sites, adding them to the audited list.

We receive rare e-mails requesting information or corrections on site listings. We review these requests and make additions as appropriate. We have received no public comment this quarter. Several sites were audited.