Quarterly Report

National Network of Libraries of Medicine - MidContinental Region
Region 4

November 1, 2008 - January 31, 2009

Contract No. N01-LM-6-3504

Spencer S. Eccles Health Sciences Library
University of Utah

Submitted June 16, 2009
# Table of Contents

## Executive Summary
- Executive Summary 2

## Network Infrastructure
- Table 1: Quarterly Infrastructure Data 5
- Regional Advisory Board Activities 5
- Needs Assessment and Evaluation Activities/Data 6

## Outreach
- Table 2: Newly Funded Awards and Projects 7
- Update of Ongoing, Major Projects 7
- Table 3: Exhibits 8
- Actionable Feedback received from Exhibit Visitors 8
- MedlinePlus Go Local 8
- Table 4: Presentations and Training provided by RML Staff 8

## Other Staff Activities
- Table 5: Publications and Resources Developed by RML Staff 10
- Notable Staff Activities 10
- Photographs 13

## Attachments
- Attachment 1: Quarterly OARF Summary Data – RML Staff Activities 15
- Attachment 2: Promotional Materials Provided 16
- Attachment 3: Subcontractor Final Report University of New Mexico 17
- Attachment 4: Subcontractor Quarterly Report Creighton University 31
- Attachment 5: Subcontractor Quarterly Report University of Missouri - Kansas City 39
- Attachment 6: Subcontractor Quarterly Report University of Utah 44
- Attachment 7: Go Local Quarterly Report University of Kansas 50
- Attachment 8: Go Local Quarterly Report University of Nebraska 55
- Attachment 9: Go Local Quarterly Report University of Utah 58
Executive Summary

Advocacy

Barb Jones, Missouri/Library Advocacy Liaison, met with representatives of three hospitals in Missouri and Colorado to enlist their participation in the research study on the value of libraries. Dana Abbey, Colorado/Consumer Health Liaison, joined her for the Colorado hospital meetings. St. Johns Health System (MO); Missouri Baptist Hospital; Poudre Valley Hospital (CO); and Exempla St. Joseph Hospital (CO) intend to participate.

Ms. Jones worked with Lorri Zipperer, instructor, and Claire Hamasu, Associate Director, to create the application form and plan the Knowledge Sharing Workshop to be held in April. This workshop is based on one that was funded by the NN/LM Greater Midwest Region last year. Information was posted on the MCR web site and distributed through the MCR communication tools.

Community Outreach

Siobhan Champ-Blackwell, Community Outreach Liaison, finalized the membership for the Community Outreach Working Group, wrote the objectives for the group, and added them to the working group’s wiki. Network members from academic, AHEC, and public libraries; and staff from community-based organizations comprise the working group.

Rebecca Brown, Kansas/Technology Liaison, contacted individuals from government agencies; health sciences and public libraries; and community-based organizations to invite them to a March Café to Go session on collaboration.

Ms. Hamasu participated in the Outreach Connections Steering Committee and Publicity/Evaluation Subcommittee meetings. She helped to formulate questions for the focused discussions to evaluate the collaboration of the steering committee.

Two indicators for the year have been met. The RML has increased subscriptions to the BHIC blog by 20 community-based organizations. This is evidence of the increased awareness of the blog among this population. RML staff consulted with at least ten CBOs or Network members about library-CBO partnerships, meeting a second indicator for Community Outreach.

Consumer Health

Ms. Abbey is working with the other librarians at her library to train teachers and librarians of the Health Science Academy. This is a health career pipeline program for middle and high school students for the Aurora Public School system. The University of Colorado at Denver Health Sciences Library staff worked on the training materials for the student workshops.

Ms. Abbey edited Family Physicians Inquiries Network patient education tear sheets: Exercise and Loss of Menses, Dust Mites and Asthma, and Relief for Chronic Sinusitis. MedlinePlus links were added as additional resources.
**Education**

The RML started a new series of online training sessions focusing on NLM resources. These are hour long, hands-on sessions over Adobe Connect held on the fourth Wednesday of the month. The schedule for the year was coordinated with the liaisons. Postcards announcing the series were mailed out to the membership. PubMed, taught by Ms. Brown, kicked off the series in January.

Jim Honour, Wyoming Liaison, recruited steering committee members and started planning the annual Wyoming Symposium for Health Information Professionals.

Indicators related to teaching NLM consumer health resources were met this quarter. We taught over four consumer health classes and 75% of the students agreed that we had met the objectives of each of the classes.

**Network Membership**

In November, the RML started to systematically verify the services to unaffiliated health care providers on DOCLINE institutional records. State liaisons were charged to contact those members who did not indicate services to unaffiliated and ask them to update their records.

**Resource Library Directors Meeting**

At the December Resource Library Directors meeting, the directors talked about the site visit from their perspective. Jean Shipman, Director, conveyed the favorable reaction from the site visit team to the work of the liaisons. All directors reported flat or reduced budgets for the coming year.

**Regional Licensing Consortium**

ACP Pier and resources from Accucoms, Inc. were promoted by the Regional Licensing Consortium Advisory Group.

The RML and BCR decided to end their agreement to have BCR negotiate licenses and bill participants for the Regional Licensing Consortium. John Bramble, Utah/Network Membership Liaison, met with the advisory group and informed them of the decision. The group brainstormed ideas to continue to offer consortial licenses to the region.

**Emergency Planning**

Marty Magee, Nebraska/Education Liaison, Ms. Brown, Mr. Honour, and Ms. Hamasu are working with staff at their libraries on emergency preparedness plans. Dykes Library has collected and distributed emergency contact information for all staff. The Wyoming Libraries plan includes communication, immediate response, and collection recovery. Mr. Honour is working with the chairperson of the disaster committee on a continuity plan.

Ms. Hamasu submitted a report to Dan Wilson addressing the activities that had taken place since the summer. These activities included conferring with the NN/LM New England Region, our buddy RML; including emergency planning on the Regional Advisory Board agenda, and offering funding for emergency preparedness projects.

**Technology**

Ms. Brown drafted the proposal for the Technology Working group to develop a social bookmarking project on De.li.cio.us. Through the MCMLA listserv, Sharon Dennis, Technology Coordinator, recruited three additional members who wanted to work on the project.
The RML did a complete review of its web site incorporating the recommendations from the AIRS usability study. Each staff member was assigned a section to check for broken links, missing information, and usability. Reports to the authors of the pages were completed by the end of January. Staff will be revising their web pages based on feedback of their colleagues over the next quarter.

**National Class Description & Registration System**
Karen Olsen completed programming the prototype for the national training system. Ms. Hamasu, Ms. Dennis, and Heidi Sandstrom, Associate Director of the Pacific Southwest Region, reviewed it and submitted changes.

**Technology Testing**
Testing of the Access Grid/PIGs continued in preparation for the site visit. The computer on which the PIG software is installed at the University of Kansas Dykes Library was upgraded and we could not get the video to work. We realized that we needed 30 minutes of being live for the audio to settle down and work consistently. The day of the event, the system worked remarkably well at the Salt Lake City site. There were some audio problems on the Resource Library end when speakers were too far away from the microphone.

The technology staff of the MCR tested Wimba and Elluminate. These are applications similar to Adobe Connect. Adobe Connect was the favored product followed by Elluminate.

Google Talk and Google Voice and Video were tested and compared with Skype, the application used by MCR staff. Google Talk is an instant messaging tool with voice over IP added. There is no video capability. Google Voice and Video requires a GMail account and can only do one-to-one communication. Both Google products may be an alternative for institutions whose IT departments do not allow Skype. Skype still fills the needs of the MCR better than the Google products.

One indicator was met this quarter. Resource Libraries participated in two Access Grid events.
Network Infrastructure

Table 1: Quarterly Infrastructure Data

<table>
<thead>
<tr>
<th></th>
<th>Current quarter</th>
<th>Previous quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network members – full</td>
<td>166</td>
<td>168</td>
</tr>
<tr>
<td>Network members – affiliate</td>
<td>149</td>
<td>146</td>
</tr>
<tr>
<td>Libraries providing services to unaffiliated health professionals</td>
<td>101 (61%)</td>
<td>100 (60%)</td>
</tr>
<tr>
<td>Libraries providing services to public users</td>
<td>109 (66%)</td>
<td>109 (65%)</td>
</tr>
<tr>
<td>Average fill rate for resource libraries</td>
<td>77%</td>
<td>76%</td>
</tr>
</tbody>
</table>

New Affiliate Members:
- Lawrence Public Library (KS)
- Leonardville City Library (KS)

Full to Affiliate:
- Riverside Regional Library (MO)

Closures:
- St. Anthony’s Hospital (CO) - Full
- Wellness Works (NE) - Affiliate
- Baright Public Library (NE) - Affiliate

Regional Advisory Board Activities

Ms. Abbey forwarded information to the consumer health RAB members on the series of consumer health workshops that were held in Colorado to enable librarians to obtain MLA Consumer Health Information Specialization certification. Both were interested in having the series offered in their states.

Lori Phillips, Associate Dean-University of Wyoming Libraries, participated and contributed to the Community Outreach Working Group.

Dick Kammer, Health Information Access Specialist for Olathe Medical Center (KS), suggested developing a class on RSS feeds and Web 2.0 technologies.
The RML prepared for the contract site visit and hosted the site visit team on November 19, 2009. All liaisons were brought into Salt Lake City. Staff coordinated with Eccles Library and Resource Library systems people to provide tech support for the Access Grid sessions: with Dr. Lorris Betz, Senior Vice President for Health Sciences, to present the administrators session; with Resource Library directors to respond to questions during the directors session; with Resource Library contacts to host the public session; and with Network members and others within the region to respond to questions during the public session. All aspects of the visit went well. The team asked many thoughtful questions and were very complimentary about the MCR librarians carrying out the statement of work.

Ms. Hamasu submitted a written response to questions that the team still had at the end of the day.

The RML held its annual planning meeting and wrote the logic model for year 4. Betsy Kelly, Assessment and Evaluation Liaison, completed programming to move planned activities into the active contract database.

The Network Membership Questionnaire that was sent out on September 9, 2008 was officially closed on January 15, 2009. RML staff made personal calls to non-responders in early January. One hundred twenty-nine members responded.

At the end of January, Mr. Bramble sent out a questionnaire to non-EFTS participants in the region to determine their reasons for not participating. The questions that he asked were based on the questionnaire that the NN/LM Middle Atlantic Region developed.
Outreach

Table 2: Newly Funded Awards and Projects

<table>
<thead>
<tr>
<th>Start/end dates</th>
<th>Title of award/project</th>
<th>PI institution</th>
<th>PI last name</th>
<th>Funding amount</th>
<th>Project type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No new projects</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

At the end of December and beginning of January, the RML presented seven technical sessions for members interested in applying for the Continuity of Health Information awards. Deadline for proposals is February 1, 2009. Following the review of the proposal instructions and criteria for judging proposals, participants described their projects and consulted with staff on how to make them fundable. Twenty-three members attended. Members followed up and asked liaisons to review their proposal drafts. Staff consulted on eleven projects.

Four reviewers for the award proposals attended an orientation session to introduce them to the award instructions, criteria for review, and the review process.

Update of Ongoing, Major Projects

No Activity
Table 3: Exhibits

<table>
<thead>
<tr>
<th>Dates</th>
<th>Organization name</th>
<th>Meeting name</th>
<th>Location (city, state)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/5-7/2008</td>
<td>Missouri Hospital Association</td>
<td>Annual Meeting</td>
<td>Lake of the Ozarks, MO</td>
</tr>
<tr>
<td>11/6-8/2008</td>
<td>Colorado Association of Libraries</td>
<td>Annual Conference</td>
<td>Denver, CO</td>
</tr>
<tr>
<td>11/7/2008</td>
<td>Oral Health Kansas</td>
<td>Annual Conference</td>
<td>Overland Park, KS</td>
</tr>
</tbody>
</table>

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

Table 4: Presentations and Training provided by RML Staff

<table>
<thead>
<tr>
<th>Date</th>
<th>Last name of staff responsible</th>
<th>Title of presentation/training</th>
<th>Location (city, state)</th>
<th>Number of participants</th>
<th>In-person or distance education</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/13/2008 - 12/2/2008</td>
<td>Brown, Dennis, Roberts</td>
<td>13 Things</td>
<td>Kansas City, KS</td>
<td>65</td>
<td>Distance Education</td>
</tr>
<tr>
<td>11/4/2008</td>
<td>Bramble, Salmond</td>
<td>DOCLINE Routing Tables</td>
<td>Salt Lake City, UT</td>
<td>4</td>
<td>Distance Education</td>
</tr>
<tr>
<td>11/5/2008</td>
<td>Bramble</td>
<td>Granite School District Nurses</td>
<td>Salt Lake City, UT</td>
<td>14</td>
<td>In-person</td>
</tr>
<tr>
<td>11/6/2008</td>
<td>Hamasu</td>
<td>The Distributed Model: the RML Going Local</td>
<td>Salt Lake City, UT</td>
<td>7</td>
<td>Distance Education</td>
</tr>
<tr>
<td>11/11/2008</td>
<td>Bramble, Salmond</td>
<td>DOCLINE Serial Holdings</td>
<td>Salt Lake City, UT</td>
<td>6</td>
<td>Distance Education</td>
</tr>
<tr>
<td>11/12/2008</td>
<td>Abbey</td>
<td>Consumer Health Resources</td>
<td>Boulder, CO</td>
<td>12</td>
<td>In-person</td>
</tr>
<tr>
<td>12/3/2008</td>
<td>Magee</td>
<td>Public Health Resources</td>
<td>Nebraska City, NE</td>
<td>11</td>
<td>In-person</td>
</tr>
<tr>
<td>Date</td>
<td>Last name of staff responsible</td>
<td>Title of presentation/training</td>
<td>Location (city, state)</td>
<td>Number of participants</td>
<td>In-person or distance education</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
<td>------------------------------------------------</td>
<td>-------------------------</td>
<td>------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>12/4/2008</td>
<td>Jones, Kelly</td>
<td>Measuring Your Impact</td>
<td>Columbia, MO</td>
<td>20</td>
<td>In-person</td>
</tr>
<tr>
<td>12/8/2008</td>
<td>Jones, Kelly</td>
<td>Library Valuation Calculators</td>
<td>St. Louis &amp; Columbia, MO</td>
<td>250</td>
<td>Distance Education</td>
</tr>
<tr>
<td>12/17/2008</td>
<td>Abbey</td>
<td>Public Health Resources</td>
<td>Denver, CO</td>
<td>28</td>
<td>In-person</td>
</tr>
<tr>
<td>1/5/2009</td>
<td>Jones</td>
<td>Evidence Based Nursing</td>
<td>Hayti, MO</td>
<td>14</td>
<td>In-person</td>
</tr>
<tr>
<td>1/9/2009</td>
<td>Bramble</td>
<td>LINKOUT</td>
<td>Salt Lake City, UT</td>
<td>2</td>
<td>Distance Education</td>
</tr>
<tr>
<td>1/9/2009</td>
<td>Brown</td>
<td>Keeping up with PubMed</td>
<td>Kansas City, MO</td>
<td>25</td>
<td>In-person</td>
</tr>
<tr>
<td>1/13/2009</td>
<td>Brown</td>
<td>Social Bookmarking</td>
<td>Kansas City, KS</td>
<td>52</td>
<td>Distance Education</td>
</tr>
<tr>
<td>1/16/2009</td>
<td>Brown</td>
<td>Utilizing the National Library of Medicine</td>
<td>Topeka, KS</td>
<td>33</td>
<td>In-person</td>
</tr>
<tr>
<td>1/20/2009</td>
<td>Abbey</td>
<td>Public Health Resources</td>
<td>Denver, CO</td>
<td>14</td>
<td>In-person</td>
</tr>
<tr>
<td>1/21/2009</td>
<td>Hamasu, Shipman</td>
<td>Breezing Along with the RML</td>
<td>Salt Lake City, UT</td>
<td>44</td>
<td>Distance Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25</td>
<td>Synchronous</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25 Asynchronous</td>
</tr>
<tr>
<td>1/21/2009</td>
<td>Abbey</td>
<td>NLM Resources</td>
<td>Aurora, CO</td>
<td>7</td>
<td>In-person</td>
</tr>
<tr>
<td>1/27/2009</td>
<td>Bramble, Salmond</td>
<td>DOCLINE for Beginners</td>
<td>Salt Lake City, UT</td>
<td>2</td>
<td>Distance Education</td>
</tr>
<tr>
<td>1/28/2009</td>
<td>Jones</td>
<td>MedlinePlus and PubMed</td>
<td>Hannibal, MO</td>
<td>7</td>
<td>In-person</td>
</tr>
<tr>
<td>1/28/2009</td>
<td>Brown</td>
<td>Updates to PubMed</td>
<td>Kansas City, KS</td>
<td>44</td>
<td>Distance Education</td>
</tr>
<tr>
<td>1/29/2009</td>
<td>Abbey</td>
<td>Searching for Primary Literature</td>
<td>Aurora, CO</td>
<td>140</td>
<td>In-person</td>
</tr>
</tbody>
</table>
Other Staff Activities

Table 5: Publications and Resources Developed by RML Staff

<table>
<thead>
<tr>
<th>Date completed/published</th>
<th>Last name of staff responsible</th>
<th>Title</th>
<th>Medium</th>
<th>Submitted to Clearinghouse (&quot;yes&quot; or &quot;out of scope&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/12/2008</td>
<td>Champ-Blackwell</td>
<td>Update Asian American web site</td>
<td>Web site</td>
<td>Out of Scope</td>
</tr>
<tr>
<td>12/5/2008</td>
<td>Brown</td>
<td>&quot;How to dress up an RSS feed,&quot; &quot;How to make an entry to a PBwiki page,&quot; and &quot;How to create a new page in PBwiki&quot;</td>
<td>Video tutorials</td>
<td>Out of Scope</td>
</tr>
</tbody>
</table>

Notable Staff Activities

November 2, 2008
Ms. Hamasu reviewed an article on emergency planning submitted for the brief communication section of JMLA.

November 3, 2008
Ms. Hamasu participated in an Associate Director meeting called by Ruth Holst, Associate Director NN/LM Greater Midwest Region, to discuss whether or not to resurrect planning a national meeting focused on health information resources in multi-languages.

November 7, 2008
Ms. Champ-Blackwell and Jim Bothmer, Creighton University Health Sciences Library Director, were among the speakers at the opening reception for the NLM exhibit “Opening Doors: Contemporary Academic African American Surgeons.” Ms. Champ-Blackwell was a member of the planning committee that brought the exhibit to Omaha.

Ms. Magee attended “Basic Technology Adoption Strategies for Library Workers,” a College of DuPage broadcast.

Ms. Hamasu and Ms. Shipman attended InfoFair 2008: “The Air We Breathe” featuring Devra Lee Davis, Ph.D., M.P.H. Director, Center for Environmental Oncology, University of Pittsburgh Cancer Institute.

November 12, 2008
November 13, 2008
Ms. Jones attended the Health Information Literacy training sponsored by the Missouri AHEC.

November 17, 2008
Ms. Jones attended the Colorado Council of Medical Librarian’s Library Advocacy Committee meeting and presented an overview of the RML’s library advocacy program.

December 1-4, 2008
Mr. Bramble attended the Institute on Scholarly Communication in Portland, Oregon with Alison Aldrich from the NN/LM Pacific Northwest Region. After the meeting they met with Ruth Holst and Ms. Hamasu, who had attended a previous institute, to plan next steps.

December 1-22, 2008
Ms. Brown attended “New Rules of Web Design,” an online class offered by the University of Wisconsin.

December 3, 2008
Ms. Champ-Blackwell attended the STD Community Response Roundtable Meeting in Omaha, Nebraska.

Ms. Magee visited the Director of Nursing at St. Mary’s Hospital in Nebraska City, Nebraska to talk about membership in the NN/LM and NLM resources.

December 5, 2008
Ms. Shipman attended NLM Orientation in Bethesda, Maryland.

December 10, 2008
Ms. Abbey co-presented with the Colorado AHEC librarian to the five regional executive directors on information services available to the AHECs.

December 11, 2008
Mr. Bramble and Ms. Hamasu visited the Network member at Logan Regional Medical Center, Utah. They met with the librarian and her supervisor to hear about the challenges she has in providing services when she works .4FTE and also has CME responsibilities.

December 15, 2008
Ms. Magee and Ms. Champ-Blackwell met with the new library director of Little Priest Tribal College. They reviewed member services, resources, and the use of the library’s poster that was provided by the RML.

December 16-18, 2008
Ms. Champ-Blackwell attended the “NIH Summit: The Science of Eliminating Health Disparities.”

December 17, 2008
Mr. Bramble attended the EFTS Advisory Group and NLM LINKOUT meetings.

Ms. Hamasu attended a workshop on searching IBIS-PH: Utah’s Public Health Data Resource that captures data relating to populations, health behaviors, and incidences of disease.

December 22, 2008
Ms. Hamasu was interviewed by Katie Vizenor from Welch Medical Library at Johns Hopkins University, about access to licensed information resources for the public in the MCR.

January 8, 2009

January 12, 2009
Ms. Champ-Blackwell attended the teleconference for the sub-committee of the Lincoln Metropolitan Medical Response System. This subcommittee is developing methods to assist the special needs populations in Southeastern Nebraska.
Ms. Brown attended the Community Advisory Board meeting at Haskell Indian Nations University in Lawrence, Kansas. She distributed promotional materials on NLM resources.

January 13, 2009
Ms. Champ-Blackwell participated in the planning of the upcoming MLA web cast on work life balance.

January 16, 2009
Ms. Hamasu, as chair-elect, attended the meeting of the MCMLA Executive Committee. She volunteered to lead a business plan task force that would make recommendations to keep the chapter a financially viable organization.

Mr. Bramble, Ms. Dennis, and Ms. Hamasu met with Erica Lake, one of the librarians for Intermountain Healthcare, to learn more about how the Intermountain libraries are organized, collaborate, and the support they receive from the hospital system.

January 22, 2009
Ms. Magee attended the Great Plains Public Health Leadership Institute board meeting.

Ms. Hamasu and Ms. Shipman met with Stan Penfold and Tyler Fisher from the Utah AIDS Foundation. The meeting resulted in an invitation to train foundation staff to search NLM resources.

January 23-26, 2009
Ms. Champ-Blackwell is secretary for REFORMA and attended their meetings at the ALA Midwinter Conference. She shared NIH MedlinePlus Salud with people attending the meetings.

January 28, 2009
Ms. Champ-Blackwell shipped a poster to the Wind River Tribal Library to be used to promote the library’s health information services at community events. The poster features photos taken at the library.

January 30, 2009
Ms. Magee attended the American Society for Training and Development, TechKnowledge Virtual Conference. The registration cost was 1/3 of attending in-person and allowed synchronous or asynchronous viewing of the speakers. Ms. Magee recommends virtual participation.
Photographs

NLM Site Visit – November 19, 2008
Attachment 1:
Quarterly OARF Summary Data - RML Staff Activities

Outreach Activities Conducted by MCR RML Staff

RML Q3, 2008-2009

Generated: Wednesday, April 29, 2009

14 Total Outreach Activities

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

<table>
<thead>
<tr>
<th>Activities Summary</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of estimated participants:</td>
<td>206 participants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average number of participants:</td>
<td>19 per activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average length:</td>
<td>1.86 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Under 1 hour:</td>
<td>0 activities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Between 1 and 2 hours:</td>
<td>11 activities (78.57%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Over 2 hours:</td>
<td>3 activities (21.43%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hands-on practice:</td>
<td>8 activities (57.14%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conducted remotely:</td>
<td>3 activities (21.43%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Offering continuing education:</td>
<td>1 activity (7.14%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Significant number of minorities:</td>
<td>5 activities (35.71%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type(s) of Organization(s) Involved in Activities</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health sciences library:</td>
<td>14 activities (100.00%)</td>
<td></td>
</tr>
<tr>
<td>Public library:</td>
<td>1 activity (7.14%)</td>
<td></td>
</tr>
<tr>
<td>Government agency:</td>
<td>2 activities (14.29%)</td>
<td></td>
</tr>
<tr>
<td>Hospital:</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Clinical/Health care:</td>
<td>1 activity (7.14%)</td>
<td></td>
</tr>
<tr>
<td>Academic Institution:</td>
<td>14 activities (100.00%)</td>
<td></td>
</tr>
<tr>
<td>Community-Based:</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Faith-Based:</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Public Health Agency:</td>
<td>3 activities (21.43%)</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td>1 activity (7.14%)</td>
<td></td>
</tr>
</tbody>
</table>

214 Participants Completed Participant Information Sheets

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

<table>
<thead>
<tr>
<th>Participants Summary</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Activities at which PI sheet collected:</td>
<td>92.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health care or service providers:</td>
<td>29 participants (13.36%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health science library staff members:</td>
<td>73 participants (34.71%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public health worker:</td>
<td>85 participants (40.19%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public/Other library staff members:</td>
<td>12 participants (5.81%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Members of general public:</td>
<td>14 participants (6.64%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Session Content</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PubMed:</td>
<td>10 activities (71.43%)</td>
<td></td>
</tr>
<tr>
<td>MedlinePlus:</td>
<td>9 activities (64.29%)</td>
<td></td>
</tr>
<tr>
<td>ClinicalTrials.gov:</td>
<td>7 activities (50.00%)</td>
<td></td>
</tr>
<tr>
<td>NCT:</td>
<td>1 activity (7.14%)</td>
<td></td>
</tr>
<tr>
<td>NLM Gateway:</td>
<td>4 activities (28.57%)</td>
<td></td>
</tr>
<tr>
<td>TOXNET:</td>
<td>4 activities (28.57%)</td>
<td></td>
</tr>
<tr>
<td>Other technology content:</td>
<td>8 activities (57.14%)</td>
<td></td>
</tr>
<tr>
<td>Other, non-technology content:</td>
<td>2 activities (14.29%)</td>
<td></td>
</tr>
</tbody>
</table>

Significant Minority Population Present

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>African American:</td>
<td>3 activities (21.43%)</td>
<td></td>
</tr>
<tr>
<td>Alaska Native:</td>
<td>0 activities (0.00%)</td>
<td></td>
</tr>
<tr>
<td>Asian and Pacific Islander:</td>
<td>0 activities (0.00%)</td>
<td></td>
</tr>
<tr>
<td>Hispanic:</td>
<td>2 activities (14.29%)</td>
<td></td>
</tr>
<tr>
<td>Native American:</td>
<td>0 activities (0.00%)</td>
<td></td>
</tr>
</tbody>
</table>

Region 4
Quarterly Report
November 1, 2008 – January 31, 2009
Page 15
## Attachment 2: Promotional Materials Provided

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>Items Provided</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/12/2009</td>
<td>University City Public Library</td>
<td>50 Consumer Health Card</td>
<td>Publicize consumer health information for a general public library audience</td>
</tr>
<tr>
<td></td>
<td>Missouri</td>
<td>50 Good Health Information on WWW card</td>
<td></td>
</tr>
<tr>
<td>1/14/2009</td>
<td>Research Medical Center</td>
<td>70 Clinical Trials Card</td>
<td>Public Health Nurses Training</td>
</tr>
<tr>
<td></td>
<td>Kansas</td>
<td>70 PHPartners Card</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>70 PubMed Card</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>70 Household Products Database Card</td>
<td></td>
</tr>
<tr>
<td>1/20/2009</td>
<td>Rocky Mountain University of Health Professions Utah</td>
<td>100 MedlinePlus Bookmark (Spanish)</td>
<td>Handouts for Students</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 Haz-Mat occupational health database</td>
<td></td>
</tr>
<tr>
<td>1/26/2009</td>
<td>Johnson County Public Library</td>
<td>500 MedlinePlus Bookmark</td>
<td>Health Fairs by Consumer Health Librarian</td>
</tr>
<tr>
<td></td>
<td>Kansas</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Attachment 3: Subcontractor Final Report

University of New Mexico
TC4C Web Portal Development
Web Portal Development

This project has been funded in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services under Contract No. N01-LM-6-3504 to the University of Utah.

Institutions: University Of Utah, Salt Lake City, UT and University of New Mexico Health Sciences Library and Informatics Center, Albuquerque, New Mexico

Submitted by: Barbara Nail-Chiwetalu, PhD, MLS
Distance Services Coordinator
Health Sciences Library and Informatics Center
MSC 09 5100
1 University of New Mexico
Albuquerque, NM 87131-0001
Voice: 505-272-0757
Fax: 505-272-5350


Submitted: January 30, 2009
Executive Summary

The Web Portal Development project resulted in the creation of the Outreach Connections: Native Health Information Wiki designed to be a collaborative space for health information outreach projects related to American Indians, Alaska Natives, and Native Hawaiians. More specifically, the space was intended:

• for those who work with health care providers serving Native peoples
• for those who work with Native health information consumers
• to improve health information access for Native peoples
• to exchange information from health information promotion and training experiences
• to complement sites already focused on health information for Native peoples.

From October 2006 to May 2007, a Steering Committee of 16 members developed a team charter. The goals were to:

• facilitate access to information on programs which deliver health information to Native peoples
• facilitate collaboration among individuals and organizations that serve the mission of providing quality health information to Native peoples
• increase the knowledge of effective practices for delivering health information to this population
• provide access to training and promotional materials that are both easy to understand and culturally relevant.

Four subcommittees were formed to carry out the tasks outlined in the team charter. The committees were: Design, Content, Technology, and Publicity/Evaluation. Six tasks charted the course of the project with a designated responsibility for each given to a subcommittee. The tasks and outcomes of each were:

• Task 1: Develop design plan and identify the desired interactivity for the web portal (Design Subcommittee).

    Web sites were reviewed to determine positive and negative attributes. In collaboration with the Content and Technology Subcommittees, a choice was made to create a wiki over a blog or discussion forum. MediaWiki was chosen because it was considered the most popular wiki engine, was still under active development, had a good interface for programming custom extensions, had good accessibility, and was free (code is open source). This work occurred from May-October 2007.

• Task 2: Establish criteria for selection and control of content; establish documentation standards for documentation of committee processes; address other content issues (Content Subcommittee).

    A decision was made to first populate the wiki with projects from those who attended the 2006 Conference on Native American Health Information Services in the United States, held at the University of New Mexico in Albuquerque, and projects from the National Network of Libraries of Medicine (NN/LM) database first. Information fields to be included were outlined and refined. A decision was made to have all submitted material openly shared under the Creative
Commons, non-commercial, share-alike license so that materials could be borrowed and adapted for one’s own use. This work occurred from May-September 2007.

• Task 3: Technical development of web portal; portal goes live with desired look and functionality (Technical Subcommittee).

The vision for what the portal should do resulted from brainstorming in May 2007. Once the wiki was chosen as the portal, a domain name and logo were created. Copyright was an important issue which resulted in the decision to keep copyright with the owner of the material entered. A text-based tutorial was developed on the wiki. In January 2008, Steering Committee members were provided with IDs to experiment in the sandbox. A space called the Community Portal was created for the archiving of project documents such as minutes of meetings, publicity plan and materials, team charter, and other administrative documents. Usability of the wiki was improved by addressing 508 compliance issues, making the wiki easier to retrieve in Google, determining how to upload non-text formats, and overall improved efficiency. In July 2008, the portal began to “go live” with the development and implementation of a publicity plan.

• Task 4: Publicize the site through listservs, professional meetings, and professional contacts with programs wanting to develop their own web presence through the portal (Publicity/Evaluation Subcommittee).

In August 2007, an initial discussion began on promotion and evaluation of the wiki. In August 2008, announcements were sent via e-mail to attendees of the 2006 conference followed by invitations to participate in and contribute to the wiki. A promotion plan was developed which resulted in the creation of bookmarks, a flyer, and a poster which could be printed and used for numerous events. A list of meetings, conferences, and events for potential promotion was generated and posted on the wiki. Members of the Steering Committee took responsibility for promotion at events, reported back to the subcommittee, and documented outcomes of events on the wiki. In July 2008, the portal began to “go live” with the development and implementation of a publicity plan.

• Task 5: Assure that end-user evaluation of the web portal takes place and write a report to the Steering Committee on the extent to which it achieves the objectives (Publicity/Evaluation Subcommittee).

Towards the end of the performance period of the subcontract for the project, it was determined that while materials had been entered into the wiki by Steering Committee members, there were insufficient users to conduct an end-user evaluation at that time. Instead, it was agreed that an evaluation of the collaboration itself would take place through a series of focused discussions with all 20 Steering Committee members throughout the course of the project. Preparations for this evaluation are in progress and will take place in spring 2009.
• Task 6: Develop online training materials for linked resources (e.g., Effective Practices collection) (Responsibility TBD).

It was decided that other Web sites will have their own procedures and tutorials for adding content to their pages. Instead, it was agreed that an Additional Resources section be created on the wiki for linking other Native health information resources as long as this section not duplicate other resource Web pages already in existence. Suggested links can be sent to a selected group of Steering Committee members who will determine whether suggested links fit a given criteria to be added to this page.

In December 2008, the Steering Committee decided to continue the project, providing current members with an opportunity to continue or resign. New members will be recruited as openings allow, a new team charter will be created, promotion of the wiki will continue, and plans for evaluation of the collaboration will continue to progress.

Geographic Regions

The project spans health information outreach projects for Native Americans, Alaska Natives, and Native Hawaiians, thus covering all of North America (United States and Canada). However, anyone with an interest in North American Native health information is able to access this information, borrow it, and adapt it for one’s needs. The projects currently entered into the wiki represent states across the United States which include Arizona, Colorado, Hawaii, Idaho, Maryland, New Mexico, North Dakota, Oklahoma, Utah, Washington, and Wisconsin.

Collaborations/Partnerships

The collaborators in this project were the University of Utah and the University of New Mexico who were responsible for the subcontract award. The Steering Committee was composed of representatives from each of the regions of the National Network of Libraries of Medicine (NN/LM) and from the National Library of Medicine, which over the span of the project encompassed 20 persons from throughout the United States. As the project began in October 2006, there were 16 members on the Steering Committee. During the course of the project, five members resigned from the project due to retirement or conflict with changing job responsibilities. A total of four new members joined during the course of the project with one replacing the initial Principal Investigator due to retirement at the end of July 2008, one replacing a colleague who resigned, the hiring of an analyst programmer, and the addition of an advisor/consultant for evaluation. At the end of the grant period, on December 31, 2008, there were 15 members.

Training

The primary purpose of this project was not to provide training but rather to provide access to Native health information projects and materials.

Training Sites

N/A
Exhibits / Poster Presentations

Promotion of the wiki through events can be found in the Community Portal section of the wiki at http://native.outreachconnect.info/wiki/index.php?title=OC:Promotional_Opportunities. Events in 2008 included:

20th Annual Native Health Research Conference
Portland, OR
Flyer was shared with administrators at the Indian Health Service to make announcements at this meeting and later facilitate further publicity to tribal leaders and health directors.

6th National Conference on Quality Health Care for Culturally Diverse Populations
Minneapolis, MN
September 21-24, 2008
Bookmarks were distributed at the NLM booth at the exhibit hall.

National Indian Health Board Annual Consumer Conference
Temecula, CA
September 23-25, 2008
Bookmarks were distributed at NLM’s Specialized Information Services booth at the exhibit hall.

National Diversity in Libraries Conference
Louisville, KY
October 1-4, 2008
Bookmarks were distributed at the NLM booth in the exhibit hall.

Association of Research Libraries and Coalition for Networked Information Fall Forum
Arlington, VA
October 16-17, 2008
Poster presentation.

New Mexico Library Association Mini-Conference
Socorro, NM
October 17, 2008
Wiki was highlighted as part of a presentation on the Native American Health Information Services at the University of New Mexico Health Sciences Library and Informatics Center.

American Public Health Association Annual Conference
San Diego, CA
October 25-29, 2008
Bookmarks were distributed at the NLM booth (NN/LM Pacific Southwest Region) in the exhibit hall.
Indian Health Information Management Conference  
Phoenix, AZ  
December 15-19, 2008  
Poster presentation.

NIH Summit: The Science of Eliminating Health Disparities  
National Harbor, MD  
December 16-18, 2008  
Handouts about the wiki were distributed at the NLM booth in the exhibit hall.

**Resource Materials**

The publicity plan and links or pdf files of all promotional materials may be found in the Community Portal’s Publicity Materials section of the wiki at [http://native.outreachconnect.info/wiki/index.php?title=OC:Publicity_Materials](http://native.outreachconnect.info/wiki/index.php?title=OC:Publicity_Materials). Materials include two different announcements (see links), one about the wiki’s availability and the other as an invitation to participate. A bookmark (see pdf) was also created which can be printed and used for promotional purposes. An 8 ½ x 11 inch flyer (see pdf) was created for promotion. Finally, a poster (professionally printed and housed at the University of New Mexico) was created for poster sessions at conferences and other pertinent events.

A promotional opportunities page, linked from the Community Portal at [http://native.outreachconnect.info/wiki/index.php?title=OC:Promotional_Opportunities](http://native.outreachconnect.info/wiki/index.php?title=OC:Promotional_Opportunities), contains the publicity plan for promotion of the wiki. Included is a link to the National Library of Medicine Exhibit Schedule, groups who may serve as resources for promotion, a listing of 2008 proposed promotional events with an indication of the individual responsible and whether it was done, and proposed 2009 events. Events and other promotional possibilities will be added to this page as opportunities arise.

**Web Sites**

The web portal that was created is a wiki called Outreach Connections: Native Health Information at [http://native.outreachconnect.info/wiki/](http://native.outreachconnect.info/wiki/). The home page of the wiki invites users to the wiki as a collaborative space for persons interested in health information projects for Native peoples. Tabs at the top of the page include a discussion section for interaction between those administering the site and users of the site. The Navigation section along the left side provide a means for adding a project, browsing existing projects by title or project information, contact information for authors of projects, recent changes to the wiki, and a community portal which provides the site policy, minutes of meetings, publicity plan and materials, information about use of photos on the banner for the site, duties of system management, and maintenance tasks.

Beyond the grant period, the project will continue to be administered at the University of New Mexico in collaboration with the Steering Committee. Staff at the Health Sciences Library and Informatics Center at the University of New Mexico will continue the technical maintenance of the wiki.

Starting September 1, 2008, data has been available to evaluate usage of the wiki through the Dashboard. This data can be monitored to evaluate the impact of the project over time. Examples of the
data include number of visits, number of visitors, traffic sources, page views, page visits, which browsers were used to visit the site, connection speed of visitors, country/territory of visitors, and average time on site.

**Document Delivery and Reference Services**

N/A

**Approaches and Interventions Used**

Regular monthly meetings were scheduled for the Steering Committee. At times the Steering Committee meetings became bi-monthly to allow subcommittees to meet during alternating months.

Promotion/marketing is summarized under Task 4 in the Executive Summary section of this report. Details may be found on the wiki under the Publicity Materials section of the Community Portal at [http://native.outreachconnect.info/wiki/index.php?title=OC:Publicity_Materials](http://native.outreachconnect.info/wiki/index.php?title=OC:Publicity_Materials). At this site are descriptions and links to publicity materials and a link to a promotional opportunities page which details resources, groups, and events for 2008 and 2009.

Personnel are summarized in the Collaboration/Partnerships section of this report.

Development of the wiki is summarized under Tasks 1, 2, and 3 in the Executive Summary of this report.

**Evaluation**

Task 5 of the team charter indicated that an end user evaluation would take place. As the grant period was coming to a close, it was apparent that there were not a sufficient number of users to conduct an evaluation of their use of the wiki. Those who had contributed projects to the wiki were members of the Steering Committee and attendees at the 2006 Conference on Native American Health Information in the United States in Albuquerque, New Mexico from which this project idea originated. The Steering Committee instead decided that there would be an evaluation of the collaborative experience itself, using focused discussions to interview all who had participated in the Steering Committee during the course of the grant period. As of December 2008, good progress had been made in outlining a plan to conduct the focused discussions and drafting questions to be asked. The focused discussions and analysis will likely take place in the first quarter of 2009.

**Problems or Barriers Encountered**

In terms of the technology, the analyst programmer reported encountering some challenges of a highly technical nature typical to programming, such as ensuring plug-in capability and error-free user experience. In addition, although the wiki is generally user-friendly, technical support is still needed to assist people who are less familiar with this technology or where certain restrictions are in place such as in deleting a page.

Throughout the project there was a sustained core of members who participated regularly in meetings and were therefore actively engaged in the work. However, approximately one-third of the members
either started the project and dropped out, typically due to changes in their job, or did not regularly attend meetings, resulting in less overall participation in the work of the project. Questions about additional problems and barriers will be asked as part of the focused discussions on the collaboration. If necessary, a revised version of this final report will be submitted with this information.

**Continuation Plans**

The project has remained active beyond the funding period of the subcontract. As the funding was coming to an end in December 2008, the Steering Committee agreed to continue the project by confirming continuation or recruitment of new members, continuing with the active publicity plan, continuing preparations for an evaluation of the collaboration, and reconvening in 2009 to develop a new team charter. A Steering Committee meeting has been scheduled in February 2009 to make continuation plans. Maintenance of the wiki will continue to be administered by staff at the University of New Mexico. Remaining publicity materials (i.e., poster and bookmarks) will be housed at the University of New Mexico and distributed as needed until the supply runs out. After that time, members of the project will use the pdf version of the promotional materials from the wiki to produce copies for promotional events. The wiki is meant to be a collaborative space in which all users share responsibility and have ready access. The project will continue as a shared, collaborative project, regardless of funding.

**Impact**

The impact of this project has yet to be formally evaluated. An evaluation of the collaboration through focused discussions with the 20 members of the Steering Committee over the course of the project is being planned for spring 2009.

Usage data from the wiki, available from September 1, 2008 through December 31, 2008, may shed some light on the impact of the project. During this three-month period, there were 523 visits, 279 visitors, and 5,775 page views. The 523 visits came from 6 countries/territories which included United States (507), Canada (10), Poland (2), France (2), Switzerland (1), and India (1). So, while most of the attention to the site is coming from the United States, there is an international appeal as well.

The two main collaborators of the wiki project, University of Utah and University of New Mexico, are both regularly engaged in services and activities which promote Native American health information and are in geographic areas with a high concentration of Native American peoples. The Outreach Connections wiki adds to the wealth of resources and services being offered for the promotion of Native American health not only in this region, but has value and can be adapted for use internationally by anyone with an interest in Native American health information.

**Recommendations for Improvement**

Tasks 5 and 6 were not completed, although both had been discussed and were in progress within the performance period. This was, in part, because of the delay in starting promotion of the wiki. The idea was to have Steering Committee members and attendees from the 2006 Native American Health Information conference populate the wiki with their projects before the wiki was freely opened to the world. It took some months of reminding and offering of assistance if needed to get this core group to
enter their projects. Once a good representation of projects had been entered, the publicity plan, promotional materials, and list of promotional opportunities were generated and soon thereafter plans for evaluation began.

The promotion and evaluation tasks required a significant amount of work from a subcommittee of about five people. Progress was continual and tasks were completed in a timely manner; however it was a substantial amount of work within a short period of time. Perhaps if the Publicity/Evaluation Subcommittee had more working members, these tasks could have been accomplished more quickly. Also, if the publicity and evaluation tasks had been split into two different groups and were not being done by the same people, quicker progress could have been made.

The focused discussions with Steering Committee members may provide additional recommendations for improvement.

**FOLLOW-UP QUESTIONS**

1. **Were your original project goals and objectives met? If not, why not?**

In terms of the four goals stated in the Executive Summary, creation of the wiki met the goals in terms of providing access to information, facilitating collaboration, increasing knowledge, and providing access to promotional materials. However, in terms of the steps to meet the goals, outlined as six specific tasks as indicated in the Executive Summary, Tasks 1-4 were achieved. Task 4 which involved promotion is ongoing. Task 5, which involved evaluation, is in progress and will be completed in spring 2009. Task 6 has been discussed but is yet to be implemented. With the commitment of most of the current Steering Committee members to continue with the project into 2009 and with plans to develop a new team charter, it seems highly likely that the unfinished tasks will be completed, promotion will continue, and this collaboration will take ongoing responsibility for the maintenance and any necessary further development of the wiki.

2. **What significant lessons were learned which would be of interest or use to others conducting outreach projects? Which strategies were the most effective in implementing the project?**

These answers may best be answered in the focused discussions of Steering Committee members of this project.

3. **If you were to start all over again, what, if anything, would you change about your goals, project plans, etc.?**

From the technology standpoint, we might reconsider using MediaWiki as the underlying search engine. Although it has many advantages and is the most popular wiki engine available, its interface requires a lot of custom programming to create a user-experience that is intuitive and comfortable. The hosting company did not allow privileges required to install and run an alternative search engine and indexing service called Sphinx. Also, the ability to categorize pages in MediaWiki, while present, was very poorly designed, making information management quite tedious without the assistance of automated users called bots.
Again, the focused discussions might provide additional information in this area. It would have been helpful to have had an opportunity to complete the evaluation of the project during the performance period. It took more time than anticipated to get people to take the time to enter their projects into the wiki so that promotion could begin and subsequent evaluation could follow. These factors cannot always be controlled despite the timeline of the project.

4. What advice or recommendations would you give to anyone considering a similar outreach effort?

Use a team charter to assure that everyone understands the direction of the group and has the opportunity to help determine that direction.

Hire a programmer. Volunteers can be pulled away by other priorities. Having someone whose job it was to produce the wiki, meant that it could proceed on schedule.

Always begin by understanding the expected users and their potential needs. If the users are technically-inclined, web-savvy people, then MediaWiki may serve them well. If the users are people with minimal technical experience, then it may be helpful to investigate other wiki engines with the following features in mind: (1) simple to use; (2) has a graphical editor (similar to Microsoft Word or Open Office); (3) good search engine; and (4) good documentation.

5. Please describe plans for disseminating lessons learned and other information about the project, such as through a conference presentation or publication. In accordance with the NIH Public Access Policy (http://publicaccess.nih.gov), project directors are asked to submit voluntarily to the NIH manuscript submission (NIHMS) system (http://www.nihms.nih.gov) at PubMed Central (PMC) final manuscripts upon acceptance for publication.

A proposal was submitted to the Medical Library Association Conference to be held in May 2009 in Hawaii to present a comparison of the evaluation of the Outreach Connections wiki collaboration with the evaluation of the Tribal Connections Four Corners project. Unfortunately, this proposal was not accepted.

No other presentations or publications have been identified by the Steering Committee at this time. However, this discussion will take place as the members reconvene to develop the next team charter for continuation of the project. Considerations may include a poster session comparing the two collaborations, an article in a journal, or presentation proposal for a different conference.
Introducing the Outreach Connections: Native Health Information wiki. The intention of this collaborative space is:

- To exchange information from health information promotion and training experiences.
- To complement sites already focused on health information for Native peoples (American Indians, Alaska Natives, and Native Hawaiians).
- To improve health information access for Native peoples.
- To be a resource for those who work with health care providers serving Native peoples.
- To serve as a resource for those who work with Native health information consumers.

Visit the Portal
http://native.outreachconnect.info

Add information about your own efforts with Native Peoples (health information, education and training projects, resources you've developed, descriptions of research).

Promote the portal to others who are doing similar outreach

This project has been funded in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services under Contract No. N01-AM-8-2564.

Photo Credits: Mohammed Al-Nasser and David Groth
http://native.outreachconnect.info

Announcing the Outreach Connections: Native Health Information Wiki!

A new collaborative space for sharing health information promotion and training experiences among those who work with:

- Health care providers serving Native peoples
- Native health information consumers

Outreach Connections: Native Health Information is designed to be a home for descriptions and stories about health information outreach and education activities. If you work with health promotion and education in Native communities, you'll find that this is a place on the web where you can read about what people like you are doing and share your projects with them. This wiki complements, and does not duplicate, existing collections of information for Native peoples about how to manage personal health or treat health problems.

Please visit our wiki and join us in adding your own projects related to Native health information. You may include outreach projects, education and training projects, resources you have developed, and descriptions of research you have conducted. We also encourage the sharing of training/teaching materials. Please keep in mind that all contributions are under the Creative Commons non-commercial share-alike license (meaning they are freely available to anyone visiting the wiki). Since contributions are public information, they should meet local tribal or community approval processes for being shared in a public space.

We invite you to subscribe to the NativeHI email discussion list to be kept informed about the ongoing development of Outreach Connections: Native Health Information. To join, send a request to Karla Bourque at the Houston Academy of Medicine/Texas Medical Library (karla.bourque@exch.library.tmc.edu) and ask her to add you to the NativeHI (Native Health Information) list.

Outreach Connections: Native Health Information was developed at the University of New Mexico Health Sciences Library and Informatics Center and is an outcome of the July 2008 Native American Health Information Services in the U.S. conference. This work has been funded in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services under Contract No. NO1-LM-6-3504.
Outreach Connections: Native Health Information

A collaborative space for sharing descriptions of health information outreach and education activities serving American Indians, Alaska Natives, and Native Hawaiians.

If you are an educator or promoter of health information in Native communities, visit this portal to learn and to share:

- your outreach projects,
- education and training materials,
- resources you’ve developed, or
- research you’ve conducted

so that all may learn from your experiences and find collaborative partnerships.

These are screen shots of records from Outreach Connections.

Outreach Connections Poster

Region 4
Quarterly Report
November 1, 2008 – January 31, 2009
Page 30
Attachment 4: Subcontractor Quarterly Report

Creighton University
Crossing the Religious Divide: Training Caregivers in Religious Diversity
Crossing the Religious Divide: Training Caregivers in Religious Diversity

Submitted by Judith Bergjord

2nd Quarterly Report for October-December 2008
Executive Summary

Creighton University along with Project Interfaith and the Nebraska Respite Network created a training opportunity for professional care givers, medical personnel and social service providers that was held on November 6th, 2008 at the Brookstone Meadows Assisted Living Facility. Each institution participated in promotional activities and currently there are over 40 registrants. A Project Interfaith volunteer helped locate laptops that will be used as training aids and as a resource for locating religious diversity and health care information.

Administrative/Planning Activities

Beth Katz, of Project Interfaith and her staff compiled participant packets. The workshop was held Nov. 6th, 2008. Beth led the training with establishing ground rules, identity exercises and developing a common language for diversity issues. Dr. Paul Williams presented a history of religious diversity in the United States and introduction to some legal issues. A panel made up of Jehovah’s Witness, Muslim, Hindu and Jewish faiths presented a summary of their religious practices. Beth led a discussion on best practices and strategies for inclusion and Judi Bergjord presented resources for dealing with religious diversity issues in healthcare.

Collaborations/Partnerships

Creighton University, Project Interfaith and the Nebraska Respite Network worked together in promoting and marketing this workshop. The staff at the Brookstone Meadows Assisted Living Facility assisted in set-up and technical support throughout the day of the event.

Publicity/Marketing Activities

In October, Beth spoke to the Midlands Elder Care Network, a network of care givers, (both organizations and individuals) in the Omaha metropolitan area. Approximately 40-50 people attend these monthly meetings. She also spoke at the Greater Omaha Retirement Housing Group.

Flyers were available at the workshop publicizing the spring event.

Registration

Forty-one people registered for the November 6 workshop. Thirty-three signed the Outreach Activity Participant Information Sheet. Participants include one member of the general public, two health sciences librarians and one public library staff member. The other 29 participants were health care service providers.
Laptop and Website

Project Interfaith received 2 laptops that meet the needs of the project and the website is in the process of being developed.

Evaluation and Feedback

The needs assessment that was sent out to each registrant for completion was reviewed. Evaluation forms were given to each participant and were collected at the end of the workshop. A member of the Project Interfaith staff compiled the results of the evaluations in the attached report.

Projected Activities for Next Quarter

Next quarter, we will begin the marketing and publicity for the spring workshop that will be held May 6th, 2009. We will gather additional feedback from the fall workshop participants and take any corrective action for improvement. We will complete the website redesign.
## Religious Diversity Issues in Professional Care Giving Training Evaluations

November 6, 2008

Total: 38

### Religious Affiliation:

<table>
<thead>
<tr>
<th>Religious Affiliation</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christian</td>
<td>29</td>
</tr>
<tr>
<td>Catholic</td>
<td>10</td>
</tr>
<tr>
<td>Hindu</td>
<td>0</td>
</tr>
<tr>
<td>Jewish</td>
<td>0</td>
</tr>
<tr>
<td>Methodist</td>
<td>2</td>
</tr>
<tr>
<td>Buddhist</td>
<td>0</td>
</tr>
<tr>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>Muslim</td>
<td>0</td>
</tr>
<tr>
<td>Baptist</td>
<td>1</td>
</tr>
<tr>
<td>Eastern Orthodox</td>
<td>1</td>
</tr>
<tr>
<td>Lutheran</td>
<td>5</td>
</tr>
<tr>
<td>Interdenominational</td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
</tr>
<tr>
<td>Unity</td>
<td>0</td>
</tr>
<tr>
<td>ELCA</td>
<td>1</td>
</tr>
<tr>
<td>Christian and Missionary Alliance</td>
<td>0</td>
</tr>
<tr>
<td>Unitarian Universalist</td>
<td>1</td>
</tr>
</tbody>
</table>

### Positions:

<table>
<thead>
<tr>
<th>Position</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coordinator</td>
<td>1</td>
</tr>
<tr>
<td>Division Director of Care Management</td>
<td>1</td>
</tr>
<tr>
<td>Social Worker</td>
<td>1</td>
</tr>
<tr>
<td>Case Manager</td>
<td>7</td>
</tr>
<tr>
<td>Administrator</td>
<td>1</td>
</tr>
<tr>
<td>C.O.O.</td>
<td>1</td>
</tr>
<tr>
<td>RN</td>
<td>5</td>
</tr>
<tr>
<td>RN Lead</td>
<td>1</td>
</tr>
<tr>
<td>Client Services</td>
<td>1</td>
</tr>
<tr>
<td>RN Case Manager</td>
<td>5</td>
</tr>
<tr>
<td>Program Director</td>
<td>2</td>
</tr>
<tr>
<td>Librarian</td>
<td>1</td>
</tr>
<tr>
<td>Pastoral Care Director</td>
<td>1</td>
</tr>
<tr>
<td>Training Manager</td>
<td>1</td>
</tr>
<tr>
<td>Senior Service Director</td>
<td>1</td>
</tr>
<tr>
<td>I &amp; A, SWCM</td>
<td>1</td>
</tr>
</tbody>
</table>

### Questionnaire Results

<table>
<thead>
<tr>
<th>Question</th>
<th>Poor</th>
<th>Fair</th>
<th>Average</th>
<th>Very Good</th>
<th>Excellent</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization of the training</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>18</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Meeting stated goals</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>16</td>
<td>18</td>
<td>1</td>
</tr>
<tr>
<td>Ms. Katz’s presentation skills</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>15</td>
<td>20</td>
<td>0</td>
</tr>
<tr>
<td>Dr. William’s presentation skills</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>17</td>
<td>20</td>
<td>0</td>
</tr>
<tr>
<td>Ms. Bergjord’s presentation skills</td>
<td>1</td>
<td>3</td>
<td>5</td>
<td>9</td>
<td>15</td>
<td>0</td>
</tr>
<tr>
<td>Handouts/Resources</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Organization and use of space and room(s)</td>
<td>4</td>
<td>2</td>
<td>10</td>
<td>14</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>The overall program</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>15</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Question</td>
<td>Not at all helpful</td>
<td>A little helpful</td>
<td>Somewhat helpful</td>
<td>Very helpful</td>
<td>Extremely helpful</td>
<td>N/A</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>------------------</td>
<td>------------------</td>
<td>--------------</td>
<td>-------------------</td>
<td>-----</td>
</tr>
<tr>
<td>Agenda and goals of program</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>20</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Identity activities</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>18</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Developing a common language activity</td>
<td>0</td>
<td>3</td>
<td>6</td>
<td>22</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Presentation of First Amendment issues</td>
<td>0</td>
<td>2</td>
<td>6</td>
<td>17</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>Panel on religious diversity in Omaha</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>8</td>
<td>30</td>
<td>0</td>
</tr>
<tr>
<td>Best practices and strategies for inclusion discussion</td>
<td>1</td>
<td>2</td>
<td>7</td>
<td>16</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Presentation on religious diversity resources</td>
<td>0</td>
<td>1</td>
<td>4</td>
<td>18</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

Expectations:
Failed- 3
Met- 19
Exceeded- 9
No- 1
Open Ended Questions:

1. What did you expect to gain by attending this training?
   - N/A- 17
   - Religious Diversity - 14
   - Objectives on brochure – 1
   - Greater Awareness, sensitivity and know resources – 2
   - A great experience – 1
   - New resources and ideas for training – 1
   - Renewed perspective – 1
   - I was expecting more information on individual faiths. Overall, I found interesting information and all speakers interesting. A lot of information

2. What should be changed to make things training more effective in the future?
   - N/A- 14
   - We had such a very good group this morning. Wish we would have had one more opportunity to get together for some closing activity. Handout with all e library sites
   - Small group – could not really hear. Too noisy from other group.
   - Hard to hear in chapel room during discussion. Thank you!
   - Break out rooms for group discussion questions of presenters by group rather than break out – learning more from larger group rather than smaller break out groups.
   - Beautiful facility but too small a room – having to turn one’s head to view PowerPoint not comfortable and lights – made people sleepy!
   - Had difficulty hearing speakers in the chapel
   - Allow more time for panelist – this was the most interesting and helpful part of workshop. It was very difficult to hear the panelist in the small groups w everyone talking at once.
   - A little more space – the room was very cold at times. The presentation was great!
   - As mentioned, room was too small. Offer other vegetarian food – cheese pizza, pasta w tomato sauce, fruits, vegetables. More handouts /summaries of different religions; pagan, Wiccan etc. w info on 1) diet, 2)medical, 3)afterlife, 4) clearing up stereotypes. Ran out of cookies. I attend a workshop hat had all the panelists at a table (included a Christian, Catholic Priest, Muslim, Buddhist, and Hindu speaker). Audience could ask them questions. Each speaker took a few minutes to review info and then opened it up to questions. For 2 hrs the audience was engaged in questions comparing and contrasting religions, discussing stereotypes. I learned so much more with this format than w separate groups. Would also be great to include a pagan, Wiccan, and Unitarian Universalist! An atheist would be interesting too. Maybe have audience submit questions in writing. Things may be too sensitive to ask. Didn’t need to see all the web pages. Info and verbal overview would have been adequate. Couldn’t read the screen anyway.
   - Needed more time w panel speakers
• More time w presenters on their religion. Maybe general bullets handout from each.
• Powerpoints never clear. Termperature varied – uncomfortable.
• I’d have the whole thing in the chapel; too cozy.
• Maybe longer time for presenters.
• Very good. More time w panel presentations – very interesting and very helpful in better understanding of different religious practices. Would love to see one on cultural diversity.
• Given the morning questions for Dr Williams it would be helpful to get a quick snapshot of Christian beliefs (Catholic/Protestant)
• Add a break – The large room activities were difficult because we could not hear conversations.
• Choose a facility conducive to learning – space and acoustics. Unable to hear in chapel activities. Too crowded. Print too small on handouts and PowerPoint.
• Talk to speakers longer
• Let the speakers take questions from group. The small groups were difficult for individuals to hear questions & responses.
• Best practices/resources can be given in writing and do not have to be reviewed.
• Need interaction in bigger rooms, room temp. ok, but ability to hear terrible!
• Bigger room. Less time on other areas and more on religious panel. Killing us w the resource presentation!
Attachment 5:  
Subcontractor Quarterly Report  

University of Missouri - Kansas City  
Changing the Face of Medicine  
- A Kansas City Academic Medical Library/Community Celebration
Quarterly Report

Name and address of reporting institution:
Amrita Burdick
Clinical Medical Librarian
Health Sciences Library
University of Missouri – Kansas City
2411 Holmes St.
Kansas City, MO  64108-2792

Project Title:
Changing the Face of Medicine – A Kansas City Academic Medical Library/Community Celebration

Name of person submitting report: Amrita Burdick
Email address: burdicka@umkc.edu
Telephone number: (816) 235-1876

Reporting Period start date: October 1, 2008
Reporting Period end date: January 1, 2009

Publicity:
We completed contacting organizations that had previously submitted a letter of support for the grant and are sending a letter of confirmation to speakers to sign.

Unfortunately, a small batch of the Save the Date cards designed by Amy Ritterskamp of Dykes Library, University of Kansas Medical Center (KUMC) in February 2008 already had been reprinted by one of the sponsoring libraries before I received the email notice about the funding statement from NNLM. The costs were picked up by that library. We have made note of the required statement and definitely will add the funding statement on publicity materials printed in the future.

A number of the current “Save the Date” cards have been distributed this quarter.
Two hundred (200) cards were placed in packets for KUMC Alumni weekend, October 3-4, 2008. About 150 cards were distributed at the regional Midcontinental Chapter of the Medical Library Association annual meeting in early October. Twenty five (25) cards were handed out at local medical library group, the HSLNKC October 15, 2008 meeting. Additional cards were handed out during a 2 hour WWI lecture, exhibit, and reception at the Clendening History of Medicine Library. On December 4, 2008, at their request, we sent our tentative speaker schedule to the local chapter of the National Museum of Women in the Arts (DC).

Outreach:
No demonstrations during this time period.
Other accomplishments:
We had one planning meeting on November 12, 2008 and several members of the local arrangements committee met on December 10th to create a timeline using SharePoint. (See attached.) We still are working on firming up details on some events and made adjustments in the sponsoring site for the Women Leaders in Medicine and for the Dr. Mary Dudley lecture. We are continuing to work on gathering appropriate links and teaching materials for students at the junior high and high school level. Preparations for Girl Scout projects relating to the exhibit are underway and letters about the exhibit have been sent to local schools.

We queried the exhibit list serve and, hearing from no other institutions that did a youth survey, we also explored the literature for a survey on career interests that might work. Finding no equivalent surveys, we began constructing one of our own.

During this quarter, Amrita worked on clarifying the university reporting system for grant expenses. Because it is a multi-institutional project, it will mean more paperwork for events held on other campuses. To give a check as a speaker gift, we would need to obtain the speaker’s tax information, so the local arrangements group will need to discuss how to proceed on this. Since we hoped to host receptions or food at some lectures that had no sponsors at present, some members of the group began to draft an additional small funding request from the local health sciences library group.

Target audience:
This is still developing. As we firm up the programs accompanying the events, I think we will have a better grasp of which audiences will be appropriate for each program.

Goals, Outcomes, Objectives:
No revisions of the objectives for the program. As mentioned above. Locations for two of the lecture events have changed.

Evaluation:
No evaluation during this period.

Impacts and Observations:
Although a committee member had contacted the local health sciences library group regarding hosting a meeting during the exhibit, the group forgot when setting up the meeting schedule! After a little negotiation, the group now will meet the second Wednesday of October at the University of Kansas Medical Center. The local exhibit group suggested a lecture by local librarian, Brenda Pfannenstiel who assisted Dr. Marjorie Sirridge in locating women physician biographies for a publication project – a nice way to highlight the exhibit within the health sciences library community.

Planned Activities:
We are pleased with the SharePoint calendar and task list which makes it easier to see upcoming tasks in terms of the whole process. The tasks that we want to complete in the next quarter are:
1) Get lists of women physicians from our own institutions and send emails—or letters—to them, encouraging them to participate in the parallel local women in medicine website at the Metropolitan Medical Society. Send letter.

2) Get confirmation letters back from all speakers.

3) Firm up any remaining event times and locations. Make reservations for lecture spaces. (Academic year based scheduling is somewhat of a challenge here, but September is much too close to the time of the exhibit to wait until then to advertise.)

4) Get confirmation on exhibit related street banners for KUMC. We recently checked with ALA regarding their requirements for design and funding notations and with NNLM about funding notations if these are locally funded.

5) Begin designing official exhibit website.

6) Design posters for schools and a variation with events only. (The school posters hopefully can be sent out at the end of March so teachers can have plenty of notice before the fall semester begins.)

7) Gather list of educational materials and small educational items for student favor bags and order any necessary materials.

8) Complete youth survey and send it to the Institutional Review Boards at our three institutions.
## Changing the Face of Medicine

### KUMC SharePoint Services > Administration > Information Resources > Dykes Library > Changing the Face of Medicine > Calendar

Use the Calendar list to keep informed of upcoming meetings, deadlines, and other important events.

<table>
<thead>
<tr>
<th>Title</th>
<th>Location</th>
<th>Start Time</th>
<th>End Time</th>
<th>All Day Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lists of women physicians to send MetroMed letter</td>
<td></td>
<td>1/5/2009 1:00 PM</td>
<td>1/5/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Send MetroMed letter/e-mail to women physicians at each institution</td>
<td></td>
<td>1/12/2009 2:00 PM</td>
<td>1/12/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Lynn will submit facilities requests from KUMC - Get confirmation on banner costs.</td>
<td></td>
<td>1/21/2009 10:00 AM</td>
<td>1/21/2009 11:00 AM</td>
<td></td>
</tr>
<tr>
<td>Planning meeting/save all events for 2009 stand up</td>
<td>Cleland II</td>
<td>1/21/2009 3:00 PM</td>
<td>1/21/2009 4:00 PM</td>
<td></td>
</tr>
<tr>
<td>Amy begins designing website</td>
<td></td>
<td>2/4/2009 1:00 PM</td>
<td>2/4/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Amy begins designing posters</td>
<td></td>
<td>2/4/2009 2:00 PM</td>
<td>2/4/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Web site up for approval from committee</td>
<td></td>
<td>2/18/2009 12:00 PM</td>
<td>2/18/2009 1:00 PM</td>
<td></td>
</tr>
<tr>
<td>Planning Meeting</td>
<td>Cleland II</td>
<td>3/18/2009 3:00 PM</td>
<td>3/18/2009 4:00 PM</td>
<td></td>
</tr>
<tr>
<td>Youth survey sent to IRB</td>
<td></td>
<td>3/1/2009 2:00 PM</td>
<td>3/1/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Posters printed and to Lynn</td>
<td></td>
<td>3/25/2009 2:00 PM</td>
<td>3/25/2009 2:00 PM</td>
<td></td>
</tr>
<tr>
<td>Assemble lists for reminder letters. Get ALA publicity approval</td>
<td></td>
<td>7/15/2009 3:00 PM</td>
<td>7/15/2009 3:00 PM</td>
<td></td>
</tr>
<tr>
<td>Mail out letters to supporters, university people, community, govt leaders...</td>
<td></td>
<td>8/10/2009 3:00 PM</td>
<td>8/10/2009 3:00 PM</td>
<td></td>
</tr>
<tr>
<td>Volunteers for exhibit</td>
<td></td>
<td>9/3/2009 3:00 PM</td>
<td>9/3/2009 3:00 PM</td>
<td></td>
</tr>
<tr>
<td>DUE DATE FOR EXHIBITIONS</td>
<td>Dykes Library</td>
<td>9/30/2009 8:00 AM</td>
<td>9/30/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Exhibit set up</td>
<td>Dykes</td>
<td>10/1/2009 8:00 AM</td>
<td>10/1/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Dr. Marjorie Simonds, opening event</td>
<td>KUMC, Main Hall West</td>
<td>10/3/2009 5:00 PM</td>
<td>10/3/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>&quot;Women Leaders in Medicine Panel&quot;</td>
<td>UMKC School of Medicine, Theater A,</td>
<td>10/9/2009 3:00 PM</td>
<td>10/9/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Dr. Diane Buckingham and the Reader’s Theater of women physicians biographies.</td>
<td>UMKC main campus – where?</td>
<td>10/4/2009 5:00 PM</td>
<td>10/4/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Dr. Sara E. Walker</td>
<td>Linda Hall Library of Science, Engineering, and Technology</td>
<td>10/15/2009 4:00 PM</td>
<td>10/15/2009 6:00 PM</td>
<td></td>
</tr>
<tr>
<td>Dr. Marty Dudley, Pathologist</td>
<td>School of Medicine, Theater E</td>
<td>10/30/2009 4:30 PM</td>
<td>10/30/2009 6:00 PM</td>
<td></td>
</tr>
<tr>
<td>Dr. Alan Tuchman, &quot;Science Has No Sex&quot; Opening event.</td>
<td>KUMC, Main Hall West</td>
<td>11/7/2009 3:00 PM</td>
<td>11/7/2009 5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Exhibit tear down</td>
<td>Dykes</td>
<td>11/9/2009 6:00 AM</td>
<td>11/9/2009 8:00 AM</td>
<td></td>
</tr>
<tr>
<td>DUE DATE FOR EXHIBITIONS</td>
<td>Dykes</td>
<td>11/13/2009 8:00 AM</td>
<td>11/13/2009 5:00 PM</td>
<td></td>
</tr>
</tbody>
</table>
Attachment 6:  
Subcontractor Quarterly Report

University of Utah  
Using the “Information Rx” Process to Refer Adults and Parents of Children with Metabolic Conditions to the Genetics Home Reference Web Site for Health Information
QUARTERLY REPORT

COVER SHEET

1. Title of Project:
Using the “Information Rx” Process to Refer Adults and Parents of Children with Metabolic Conditions to the Genetics Home Reference Web Site for Health Information

2. Name of Institution:
University of Utah, Department of Biomedical Informatics

3. Location of Institution:
26 South 2000 East
HSEB Suite 5700
School of Medicine
Salt Lake City, UT 84112-5750

4. Name, Mailing and E-Mail Addresses, Voice and Fax Numbers, of Person Submitting Report:
Denise E. Beaudoin, mailing address as above, email address denise.beaudoin@hsc.utah.edu, phone 801-581-4080, FAX 801-581-4297

5. Number and Inclusive Dates of Quarterly Report:
Quarterly Report #5, covering the period from 10/16/08 through 1/15/09

6. Submission Date:
January 15, 2009
NARRATIVE DESCRIPTION

1. Executive summary. Please provide a brief, one-paragraph narrative summarizing major accomplishments made during the quarter.

The patient recruitment phase of the study was completed during this quarter. A total of 82 participants were enrolled in the study. In an effort to enhance the online survey response rate, follow-up efforts were intensified. In addition to routine follow-up procedures, a memo signed by Dr. Longo emphasizing the importance of the study and urging completion of the online survey was also mailed to non-responders along with a reminder letter from Dr. Beaudoin. This change in study protocol required the submission of an amendment to the University of Utah IRB. The study amendment was approved on December 4 and the above mailings were conducted on December 15 and January 2. In addition, follow-up phone calls were made on January 7 and 8. Follow-up activities have now been completed. A total of 53 study participants have submitted an online survey to date, for an overall survey response rate of 64.6%.

2. Description of Progress toward the Project's Major Objectives:
   a. Administrative/Planning Activities: A study amendment was submitted to the University of Utah IRB on November 19, 2008 and approved on December 4, 2008. (Please see attached IRB notification.)
   b. Collaborations/Partnerships: Ongoing with Dr. Longo.
   c. Publicity/Marketing Activities: Not applicable.
   d. Product/Resource Development Activities: Not applicable.
   e. Site Visits: None at this time.
   f. Outreach activities: None at this time.
   g. Web site development activities: Not applicable.
   h. Exhibits: Not applicable.


4. Evaluation Activities: Not applicable at this time.

5. Problems/Corrective Actions (including significant changes made in implementation of the project): The response rate for completion of the online survey by study participants was approximately 39% at the time of submission of the October quarterly report. Study investigators discussed several options to enhance the survey response rate and ultimately opted to include a “memo” signed by Dr. Longo along with a reminder letter from Dr. Beaudoin in a special mailing to all non-responders. In order to avoid any perception of coercion, the memo was not addressed to specific individuals but rather to all study participants (please see attached). A study amendment was submitted to the IRB and was approved prior to the mailing.

6. Lessons Learned/Significant Feedback: Not applicable at this time.
7. Projected Activities for Next Quarter:

(a) Dr. Beaudoin will verify the accuracy of the data collected by the initial (paper) survey.

(b) Dr. Beaudoin will contact Phill Wolf to arrange receipt of the data collected by the online survey and contact a statistician for assistance with data analysis.

(c) Dr. Beaudoin will complete data analysis activities and begin drafting a manuscript and summary report and submit the drafts to Drs. Mitchell, Longo and Logan, the NNLM and the NLM GHR Team for review and comment.

8. Reports of Training/Demonstration Sessions and/or Exhibit Reports: Not applicable.

APPENDIX

Include copies of: communications, materials produced, evaluation tools/instruments used or developed, press releases, advertisements, articles for newsletters, etc.

Please see attached IRB amendment approval and memo from Dr. Longo.
IRB: IRB_00023554

Principal Investigator: Joyce Mitchell

Title: Using the “Information Rx” Process to Refer Adult Patients and Parents of Children with Metabolic Conditions to the Genetics Home Reference Web Site for Health Information

This Amendment Application (Expanded Study, Provider Reminder Memo 11/08) qualifies for an expedited review by a designated University of Utah IRB member according to University IRB policy. The designated IRB member has reviewed and approved your amendment request for this study on 12/4/2008. The approval of this amendment request does NOT change the expiration date of this research study as noted below.

Any future changes to this study must be submitted to the IRB prior to initiation via an amendment form.

APPROVED DOCUMENTS

Protocol Summary

Protocol Summary, Provider Memo, 11/08

Surveys, etc.

Screen Shot, Follow-up Survey, page one, 11/06/08

Other Documents

Reminder Letter with Provider Memo, 11/17/08

Study Description, Revised 11/17/08

Follow-up E-mail 11/17/08

Provider Memo, 11/06/08
Date: December 15, 2008

From: Nicola Longo, MD, PhD
Director, Metabolic Clinic
University of Utah
Department of Pediatrics

To: Study Participants

Thank you for agreeing to participate in the study, 'Using the "Information Rx" Process to Refer Adult Patients and Parents of Children with Metabolic Conditions to the Genetics Home Reference Web Site for Health Information.' This consumer-friendly Web site, developed by the National Library of Medicine, offers accurate and reliable information about genetic and metabolic conditions.

I encourage you to visit the site to learn more about your/your child’s medical condition and, if you have not yet done so, complete the online survey as instructed by the study investigators. Your feedback about the site is very important. By answering the survey questions, study investigators may learn what you like (and may not like) about the Genetics Home Reference Web site, and take steps to improve it.

Thank you very much for your help with this study.
Attachment 7:  
Go Local Quarterly Report 

University of Kansas  
Kansas Go Local
Go Local Project Report

Go Local Project Name: Kansas Go Local

Submitted by
- Name: Amy Ritterskamp
- e-mail address: aritterskamp@kumc.edu

Date Submitted: January 16, 2009

Dates covered: October-December 2008

If currently receiving NN/LM funding, Contract number (optional): 2507044-09

A. For Sites not yet released:
Estimated release month/year: January 27th, 2009

Progress on project timeline
- Over 2,000 records approved.
- Some Selectors still entering so number of pending records going up.
- Received preliminary review of records from NLM. Working through report to resolve issues.
- Working through records to more thoroughly index hospitals.
- Added more customization to interface.

B. For all projects:

1. Major staff leaving or joining the project this quarter (name and role)
   - Continuing to recruit and train Reviewers from Dykes Library as well as the Health Sciences Library Network of Kansas City.
   - Rachel Gyore joined the staff at Dykes Library and has provided valuable insight from her experiences with Arkansas Go Local.
   - Identified Selectors and Reviewers for each of the Regional Public Library Systems so they are all fully represented.

2. Database Development & Maintenance
Received usable data from WyCoHelp, the community resource database from the Kansas City, Kansas Public Library. They were looking for taxonomy to use for the database and we suggested adding it to Go Local Kansas. We will help update and index the records then export them with all the LSTs and LHTs for them to use on their web site. A wonderful collaboration that will benefit us both.
3. Website Development & Maintenance
   • Building a collection of sites to feature. Will feature the governor’s Healthy Kansas initiative first.
   • Added our partners and links to them on the About Us page.
   • Added contact and footer information.
   • Purchased the domain www.golocalkansas.org and will be redirecting to the medlineplus.gov URL.

4. Outreach and promotion efforts
   • Putting together launch parties in a box for each Regional Library System and Regents Library. Will have a poster, balloons with our logo, sunflower seed packets with our logo, bookmarks, and Velvet Cream popcorn (a Kansas product). Each box will include a letter encouraging the library to have a small party on January 29th to help celebrate our launch. (Proofs attached.)
   • Giving an individual gift to each person who has generously given his or her time to the project. Ordered wheat grass tins with GLK logo. (Proof attached.)
   • Governor Kathleen Sebelius will be signing a proclamation on January 23rd declaring January 29th Go Local Kansas Day. Some participating staff will attend the signing. (Proclamation language attached.)
   • Sending a press release soon to all news media announcing the launch and the proclamation. We are planning to launch an improved interface to Kansas Health Online, our consumer health portal, in conjunction with the GLK launch. Including the search API for GLK on the new Kansas Health Online so users can search GLK directly.

5. Other
   Applied for a $10,000 grant from the Latino Health for All Partnership, a local initiative in Kansas City to improve health outcomes for Latinos in Kansas City, Kansas. Asked for $3,000 to hire a bilingual GA to enter Spanish-language resources and translate existing resources to assure complete coverage and access for Spanish speakers. Waiting to hear if we were approved.
Go Local Kansas Day Proclamation

Whereas empowering Kansans to make informed health care decisions is essential to improving the health of our citizens;

Whereas improving access to health care has been identified as a top health priority for our state in Healthy Kansans 2010;

Whereas knowing how to locate health services in the community is essential to preventing disease and staying healthy;

Whereas an important step to assure all Kansans have equal access to health care is knowing where to find information in the community;

Whereas Go Local Kansas is a new health resource connecting Kansans with health resources in their communities;

Whereas Go Local Kansas provides access to reliable health information for Kansans;

Whereas Go Local Kansas will be available on January 29th, 2009;

I hereby proclaim January 29th, 2009 to be Go Local Kansas Day. I encourage Kansans to visit Go Local Kansas (www.golocalkansas.org) today and every day in 2009 to locate health resources in their community.
Go Local Kansas Seed Packet

Sunflower ‘Mammoth Grey Stripe’
Select a site in full sun. Sow seeds 1/2” deep, spacing them 2” apart. Water. This fast-growing flower produces huge yellow blossoms that will set seeds at the end of the growing season.
Net Wt. 3 g. Printed in U.S.A.

Go Local Kansas Balloon and Wheat Grass Tin

When you don’t know where to go...
www.golocalkansas.org
and locate health services near you.

Go Local Kansas
www.golocalkansas.org

Go Local Kansas is an easy-to-use online locator service that will help you find health care resources & services in your neighborhood.
Attachment 8:
Go Local Quarterly Report

University of Nebraska
Go Local Nebraska
Go Local Project Name: **Go Local Nebraska**

Submitted by **Marie Reidelbach** mreidelb@unmc.edu

Date Submitted: **January 12, 2009**

Dates covered: **October – December, 2008**

**Go Local Project Report**

**B. For all projects:**

1. Major staff leaving or joining the project this quarter
   - No change in staffing

2. Database Development & Maintenance
   - Over 190 chiropractors were added to the database, and letters requesting information updates have been sent out to the same group of names. We received positive feedback from the chiropractors, many of whom have linked to the Go Local Nebraska database on their own websites.
   - Currently verifying and locating Marriage & Family Therapists and Mental Health Agencies throughout the state for inclusion into Go Local.

3. Website Development & Maintenance
   - No changes.

4. Outreach and promotion efforts
   - Go Local Nebraska and CHIRS was presented as part of an orientation lecture to the UNMC Master of Public Health students on December 12.
   - On Nov 4 Go Local Nebraska and CHIRS was presented as part of a lecture to 10 members of Evidence-based Practice for Public Health Nurses committee of the Public Health Association of Nebraska using a statewide television link.
   - Go Local Nebraska and CHIRS was highlighted as part of a lecture given to the Family Medicine M3 students prior to their 8 week rotations in Nebraska communities.
   - The Go Local Nebraska and CHIRS booth was well attended at the La Vista Annual Health Fair on October 17, 2008. 55 people stopped by the booth and received information on how to access health care organizations, support groups and professionals through Go Local Nebraska, and how to use the CHIRS health information service offered free to all Nebraskans. MedlinePlus information in English and Spanish was also distributed.
   - Health fair attendees caught a double dose of information - the La Vista Public Library had a booth at the fair, and also presented information on CHIRS and Go Local Nebraska!
   - Gretna Public Library borrowed the CHIRS/Go Local display in October for their community health fair.
• The theme for this year's Nebraska Library Association/Nebraska Educational Media Association Conference held on October 16 – 17 was: "Nebraska Libraries: Vision for the Information Age". Go Local Nebraska and the Consumer Health Information Resource Service (CHIRS) fit the theme well, particularly when partnered with the Nebraska public libraries.
• Brochures, baseball cards, and magnets were made available to the conference attendees, thanks to Marty Magee, Nebraska/Education Liaison for the National Network of Libraries of Medicine-MidContinental Region.

5. Other
• None.
Attachment 9:  
Go Local Quarterly Report  

University of Utah  
Go Local Utah (gLU)
goLocalUtah (gLU)-Report

January 28, 2009

MedlinePlus Go Local Site - Annual Self-Assessment

Part 1. Checklist for all sites

<table>
<thead>
<tr>
<th>Site Name: goLocalUtah</th>
<th>Date: 1/28/2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Local Resources</strong></td>
<td><strong>Response</strong></td>
</tr>
<tr>
<td>1. Selection criteria - attached or URL</td>
<td>Yes: URL- <a href="http://library.med.utah.edu/or/golocal/selectgd.php">http://library.med.utah.edu/or/golocal/selectgd.php</a></td>
</tr>
<tr>
<td>Date last reviewed:</td>
<td>2007-needs review</td>
</tr>
<tr>
<td>2. Our Go Local services include:</td>
<td></td>
</tr>
<tr>
<td>a. Health Departments</td>
<td>Yes</td>
</tr>
<tr>
<td>b. Hospitals</td>
<td>Yes</td>
</tr>
<tr>
<td>c. Clinics and ambulatory care centers</td>
<td>Yes</td>
</tr>
<tr>
<td>e. Nursing homes</td>
<td>Yes</td>
</tr>
<tr>
<td>d. Practitioners, especially sources for primary care</td>
<td>Yes, on a clinic (or larger organization) basis. We generally just include individual practitioners if they fill a specific gap in a rural area.</td>
</tr>
<tr>
<td>e. Libraries</td>
<td>Yes</td>
</tr>
<tr>
<td>f. Local chapters of national health organizations</td>
<td>Yes</td>
</tr>
<tr>
<td>g. Support groups</td>
<td>Yes</td>
</tr>
<tr>
<td>h. Key health services (e.g., immunization programs, mental health programs, poison control programs, home health care programs, prescription programs, screening programs)</td>
<td>Yes</td>
</tr>
<tr>
<td>i. Other key health services for our area’s specific needs</td>
<td>Yes-should revisit</td>
</tr>
<tr>
<td>3. We index all resources by subject and geography.</td>
<td>Yes</td>
</tr>
<tr>
<td>a. We maintain indexing as MedlinePlus and/or Go Local topic mappings change.</td>
<td>Yes; we substantially rely on automatic updating within the NLM System; Will manually check and update records if there is a need.</td>
</tr>
<tr>
<td>4. We are keeping information current.</td>
<td>Yes - auditing within goLocalUtah is continually ongoing.</td>
</tr>
<tr>
<td>a. We check for site attribution and dates.</td>
<td>Yes</td>
</tr>
<tr>
<td>b. We check and repair broken links.</td>
<td>Yes</td>
</tr>
<tr>
<td>5. We change our featured sites and “new” links at least monthly.</td>
<td>No-have not since Sept 2007 but will begin again</td>
</tr>
</tbody>
</table>

### Staffing

1. Our (at least) half time salaried project director is:  
   Sally Patrick, MLS, Outreach Librarian is managing gLU activities as best as possible- began July, 2008.  In earnest, Jan 2009.  Realistically-2-4 hrs/week

2. Our other staff who create, index, and maintain the records and the weekly hours they contribute are  
   1. Shelby Morris-Circulation Supervisor major contributor-5-10 hrs/week  
   2. Justin Barbour-Circulation part time-2 hrs/week

3. We provide customer service.  
   a. We answered this number of customer emails in a year  
   b. We follow up on any suggestions for additional resources and other suggestions.  
   
4. (at least) half time salaried project director is:  
   Name, Avg hrs/wk- NOT .5 FTE available
   
5. We change our featured sites and “new” links at least monthly.

### Outreach/Promotion

1. We’ve performed these major outreach or promotion activities in the last year:  
   1. Utah Library Association  
   2. MLA  
   3. numerous exhibits in conjunction with Library non-profit & educational partners-we give out gLU bookmarks & promote gLU

2. We are performing outreach for collection development.  
   1. UHSLC (Utah Hospitals-SLC)  
   2. Public libraries statewide  
   3. UWIN (Utah Women’s Health Information Network)

### Reporting/Administrative

1. Privacy policy appears on the Web site, and is being followed. (linked to from footer for NLM hosted sites)  
   URL where appears:  
   
2. We submitted quarterly reports to NLM on these dates:  
   Reports have been submitted regularly since June 2005

3. Our materials on the Go Local extranet are current as of this date:  
   ? We need your assistance with this.
## Additional questions for locally hosted sites—does not apply to gLU

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. How often does your site process NLM's XML data with up to date MedlinePlus health topics?</td>
<td></td>
</tr>
<tr>
<td>2. How often does your site update the mapping of local services to MedlinePlus health topics?</td>
<td></td>
</tr>
<tr>
<td>4. These staff members are responsible for the technical maintenance of our site:</td>
<td>Name, Avg hrs/wk 1. 2.</td>
</tr>
<tr>
<td>5. We last performed a heuristic or user-tested usability test on our site on this date.</td>
<td></td>
</tr>
<tr>
<td>6. We last performed accessibility testing on our site on this date.</td>
<td></td>
</tr>
<tr>
<td>7. We reported quarterly use statistics to NLM on these dates:</td>
<td></td>
</tr>
</tbody>
</table>

## Part 2. Self-assessment for specific topics for all sites

<table>
<thead>
<tr>
<th>Topic</th>
<th>Coverage</th>
</tr>
</thead>
</table>
| **Example:** Pain programs and services                                | **Example:** Areawide: 12 acupuncturists, 25 pain clinics, 14 hospices, 32 physical rehabilitation programs, 6 neurological surgeons.  
City, county, or region 1: no pain clinics listed  
City, county, or region 2: all services covered.  
City, county, or region 3: no neurological surgeons listed. |
| Cancer programs and services (e.g., information on services for important types of cancer, clinics, rehabilitation, etc.) | **Areawide:** 4 Specialty Clinics; 42 records for oncologists; 228 records addressing breast cancer; 153 records addressing prostate cancer  
**Regional:** Only urban areas are realistically covered by the specialty clinics; records for the other topics cover all counties. |
| Cardiovascular disease services (e.g., for high blood pressure, high cholesterol, heart attack, heart failure, stroke: rehabilitation, prevention, acute care, etc.) | **Areawide:** 443 records for heart diseases; 43 for cardiologists.  
**Regional:** these records provide coverage for all counties |
<table>
<thead>
<tr>
<th>Service Area</th>
<th>Areawide</th>
<th>Regional</th>
</tr>
</thead>
</table>
| Communicable disease control programs (e.g., immunization programs, tuberculosis screening) | **Areawide:** 14 records for immunization programs (we need to augment this); 40 records for immunologists.  
**Regional:** these resources are thinly spread out, but all counties are covered. |                                                                                                   |
| Diabetes and its complications (e.g., clinics, prescription programs, equipment and supplies) | **Areawide:** 381 records for diabetes; 42 for endocrinologists.  
**Regional:** these records cover all counties. |                                                                                                   |
| Eldercare services (including social, medical, financial issues, food programs, home care services, respite care services, senior centers) | **Areawide:** 30 records for Senior Centers; 773 records for Seniors' Health Issues; 267 for Home Care Services; 430 records for Caregivers; 386 records for Nursing Homes (114 records for Nursing Home Facilities); 6 records for Respite Care Services (an obvious gap that needs work).  
**Regional:** All of these records (except for Respite Care Services) cover counties throughout Utah; I wish we had more Senior Centers in Utah. |                                                                                                   |
| Emergency services (e.g., first aid, emergency rooms/hospitals, disaster relief) | **Areawide:** 56 Hospitals; 37 records for Emergency Medical Services; 192 records for Disaster Preparation and Recovery.  
**Regional:** All counties are covered, although I think we need to look at this in terms of mapping to make adjustments. |                                                                                                   |
| Environmental quality programs (e.g., inspection services, public health departments, waste management programs, lead or asbestos abatement) | **Areawide:** 2 records for Inspection Services (ouch!); 160 records for Environmental Health; 98 records for Public Health Services; 0 records for Waste Management Services (ouch again!).  
**Regional:** Except for Inspection Services and Waste Management Services, all counties are covered. I think there is a mapping issue at work here, but we should find additional services. |                                                                                                   |
| Financial assistance programs (including Medicaid, Medicare, prescription programs) | **Areawide:** 572 Financial Assistance Program records; 9 Prescription Program records; 291 Medicaid records; 293 Medicare records.  
**Regional:** These appear to cover all counties; I wish there were more Prescription Programs in Utah. |                                                                                                   |
<p>| Mental health services (e.g., psychiatric clinics/hospitals, hotlines/crisis centers, counselors and therapists for depression, other mental health problems) |                                                                                                                                              |                                                                                                   |</p>
<table>
<thead>
<tr>
<th>Service Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neurologic disease services</td>
<td>(e.g., programs for Parkinson's disease, Alzheimer's disease—disability programs, physical therapy programs, occupational therapists)</td>
</tr>
<tr>
<td>Overweight and obesity services</td>
<td>(including weight control programs, health and fitness programs)</td>
</tr>
<tr>
<td>Pregnancy and newborn care</td>
<td>(including breastfeeding consultants, midwives, prenatal and newborn screening)</td>
</tr>
<tr>
<td>Rehabilitation programs for chronic conditions</td>
<td>(e.g., back pain, heart failure, paralysis; mobility issues, equipment and supplies, etc.)</td>
</tr>
<tr>
<td>Respiratory disease services</td>
<td>(e.g., programs for COPD, asthma, pneumonia—oxygen services, rehabilitation programs, acute and chronic care, homecare services)</td>
</tr>
<tr>
<td>Sexual health programs</td>
<td>(e.g., education programs for responsible sexual behavior, sexually transmitted diseases, AIDS testing, clinics, prescription assistance)</td>
</tr>
<tr>
<td>Substance abuse programs</td>
<td>(including treatment programs for tobacco use, drugs, alcohol; clinics, counselors/therapists)</td>
</tr>
<tr>
<td>Violence and injury prevention programs</td>
<td>(including domestic violence crisis intervention, workplace safety programs)</td>
</tr>
</tbody>
</table>