Quarterly Report

National Network of Libraries of Medicine - MidContinental Region

May 1, 2005 - July 31, 2005

Contract No. N01-LM-1-3514

Spencer S. Eccles Health Sciences Library
University of Utah

Submitted
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Administration

(For CE and Conferences attended by staff members see Appendix A)

In April, Pat Hamilton, a hospital librarian from South Dakota, contacted the Greater Midwest and MidContinental RMLs to inquire about South Dakota joining the MidContinental Region. She was informed that it was too late to do it for the 2006-2011 contract, since NLM had already issued the RFP. Ms. Hamilton’s impetus for the query was the retirement of the resource library director who was not in favor of switching regions due to resource sharing alliances with libraries in the Greater Midwest Region. The Associate Directors from both regions responded to five questions relating to the RML and its work in the region. Ms. Hamilton will share the responses with hospital librarians in the state to determine their interest in changing regions.

In May, Associate Directors met at MLA and held follow up teleconferences to discuss increasing cross-regional collaboration.

The NNO is planning a new exhibit structure for the RMLs for the 2006-2011 contract and formed the Exhibit Redesign Committee led by Karen Hajarian and Keith Cogdill. Siobhan Champ-Blackwell, Community Outreach Liaison, was asked to be on the team to represent the perspective of health professionals serving underserved communities.

The Eccles Health Sciences Library hosted Rachel Gyore, an NLM associate. RML staff met with her to discuss the program and the implementation of our initiatives. She attended a health fair that attracted primarily Spanish language speakers at the Provo Public Library with Molly Youngkin, Utah/Public Health Liaison.

MLA

RML staff attended the RML Director's Meeting preceding MLA on May 14, 2005, in San Antonio, Texas. Sharon Dennis, Technology Coordinator, attended the NN/LM Web Developer's Meeting on May 13.

Presentations/Posters at MLA

− Ms. Dennis presented “Exploring the Videoconferencing Wilderness: ‘Mixing and Matching’ Video Hardware and Software for Remote Communication and Distance Education.”
− Barbara Jones, Missouri/Network Membership Liaison, co-presented the Missouri experience with Go Local as part of the Go Local session.
− Claire Hamasu, Associate Director, co-presented “Multi-Institutional Collaborative Grants: Managing Institutional and Geographic Diversity.”

Personnel

On June 7 and 8, Ms. Hamasu videoconferenced with two candidates for the Colorado/Consumer Health Liaison position located at Denison Memorial Library. Dana Abbey was selected and assumed the liaison position on July 5, 2005.

Ms. Champ-Blackwell attended ALA where she was honored as one of the Movers and Shakers for the year.
**Document Delivery Services**

*DOCLINE*

Ms. Jones processed the May 2005 DOCLINE report of institutions that have not updated their serial holdings in over a year. State liaisons were asked to follow up with these libraries.

Laura Windsor, Kansas Liaison, helped set up DOCLINE for Cerner Corporation and Menorah Medical Center in Kansas City, Kansas. She also consulted with the librarian for Baptist-Lutheran Hospital on DOCLINE functions and limitations.

*Loansome Doc*

In July, Ms. Abbey worked with Mark McKenney at St. Mary's Hospital in Grand Junction, Colorado to resolve an issue with a Loansome Doc organizational user. The organization had multiple requestors, only one of which had contacted St. Mary's to set up an account. The users were made aware of the Loansome Doc user protocol.

Ms. Jones updated Loansome Doc records for the USA Meddac Medical Library at Ft. Leonard Wood, Missouri.

**Resource Libraries**

Marty Magee, Nebraska/Education Liaison, continued work with the University of Nebraska Medical Center librarians on a diversity video project, "Following the Clues: A Visit to the Doctor and the Library." She oversaw the Spanish narration and collected requests from public libraries and public school nurses for a copy as soon as it is released.

In June, Ms. Champ-Blackwell met with Creighton University's College of Medicine Continuing Education Department. They were excited to hear about the work being done by the NN/LM MCR and Creighton’s Health Sciences Library regarding cultural competency for health care providers. They will begin to include presentations by the MCR and Health Sciences Library on cultural competency resources into their day long seminars.

The Resource Library Director’s meeting was held in May, where they reviewed the NN/LM RFP as it related to Resource Libraries.

**Communications**

*Blog:*

Ms. Dennis inquired about blog usage using the mcmla listserv. On July 5, 2005 she asked, "What blogs do you read?" Responses were received from ten librarians, providing long lists. A compilation of their responses was posted on the MCR web site.

During this quarter 12 new subscribers were added to the Bringing Health Information to the Community (BHIC) blog.

PHPartners announced the availability of the BHIC blog in its weekly listserv message for the first week in July.

As a result of her work with Cambio de Colores, Ms. Jones was interviewed by Missouri Public Television (KOMU) on Spanish language resources. This will be included in their 6 part series on the Spanish speaking population in Missouri. Ms. Magee and Ms. Champ-Blackwell are working with Nebraska Public Television on a one hour program on Spanish language resources to be aired in April 2006.
Publications:


What's Up is published by the Early Childhood Training Center in collaboration with the Nebraska Department of Education.

New or Updated Web Pages

- Evaluation pages - new: http://nnlm.gov/mcr/about/evaluation/
  http://nnlm.gov/projects/funding/grants.html
- Minority Health Pages - updated: http://nnlm.gov/mcr/resources/community/
  minority.html
- Community Health Information Partnership Symposium page - new: http://nnlm.gov/mcr/resources/community/
  CHIPS.html

Regional Advisory Board

By the end of June, Ms. Hamasu finalized the membership of the Regional Advisory Board. Confirmation letters were sent out, providing members with information on their responsibilities, their special project area, and the date and location of the annual meeting.

Evaluation and Assessment/Feedback

Betsy Kelly, Assessment and Evaluation Liaison, set up the Activity Reporting System to display the logic model for Year 5 and to collect activities for the year. Notes were incorporated into the logic model to save the justification and steps for the planned activities. The RML sent feedback to NLM on Information Rx and the Participant Information Form on OARF submissions.

Health Professionals Access to Information

Ms. Magee presented four classes for Lincoln Regional Mental Health Center staff in May. She also presented a session on Internet resources and PDA usage for Mary Lanning Memorial Hospital staff in Hastings, Nebraska.
Ms. Jones and Mid-Missouri AHEC librarian, Susan Centner, gave a joint presentation on health information resources at the Family Health Resource Center in Columbia, Missouri. Ms. Jones presented MedlinePlus, which was well received. Only one of the physicians was familiar with it. After the presentation, the instructors and Gloria Crull (director) discussed the role of the clinic, the operation of the clinic within the community, and how health information can be used to improve the service of the clinic.

On June 21, 2005, Ms. Champ-Blackwell presented a cultural competency class to the University of Nebraska Medical Center Physician Assistant students.

Ms. Jones taught health information resource classes at three locations to school nurses as part of the Leave No School Nurse Behind workshops. She covered MedlinePlus and resources for special needs populations.

Network Membership

MCR Regional Buying Consortium:
An informal meeting was held with the MCR Regional Buying Consortium advisory group members attending MLA. They discussed the ACP PIER licensing as well as other products that might be of interest to the region.

MCR Regional Buying Consortium teleconferences were held in June and July. They reviewed the progress on the ACP PIER licensing, and discussed the trial for AccessMedicine. The group voted to formally adopt the name “MCR Regional Buying Consortium.” Development of a more formal structure for the group, defining length of service and criteria for membership selection began. Evidence Matters was demonstrated. The product received favorable reviews from advisory group members.

Wyoming Symposium

RML staff presented the majority of the sessions:
− C. Hamasu, D. Abbey, T. Gibbs - RML Update
− S. Dennis - hands-on Introduction to Blogging
− B. Jones - DOCLINE and Network Update
− M. Magee - Public Health Resources for Professionals: Exploring the Partners Web Portal
− M. Magee and B. Jones - Caring for the Mind
− M. Henning - No Comprende

Visits to Network Members:
May 10, 2005 Alegent Immanuel Medical Center, Nebraska
July 12, 2005 St. Francis Medical Center, Nebraska
July 12, 2005 Cozad Community Hospital, Nebraska
July 12, 2005 Gothenburg Memorial Hospital, Nebraska
July 12, 2005 Tri-County Hospital, Nebraska
July 12, 2005 Valley View Hospital, Colorado
July 22, 2005 LDS Business College, Utah
Consortia meetings attended:

June 10, 2005  ICON Health Library Consortium
  Ms. Magee presented an update on PubMed
June 23, 2005  St. Louis Medical Library Group Annual Meeting
  Ms. Jones promoted the MCR Regional Buying Consortium and the value of participating in EFTS.

New Network Members

Full Members:  None
Affiliate Members:
  • Spanish Peaks Library, Colorado
  • Huntsman Cancer Learning Center, Utah
  • LDS Business College Library, Utah
  • Middendorf-Kredell Library, Missouri
  • Cape Girardeau Public Library, Missouri

Awards

Ms. Hamasu coordinated the submission of a TC4C proposal for $100,000 to NLM. Janis Teal, from the University of New Mexico, agreed to write the proposal and budget for the meeting of health sciences libraries and RMLs actively involved in Native American outreach. Sally Patrick and Wayne Peay, from the University of Utah, wrote the narrative and budget for the public library project. One public library in each state will work with their academic health sciences library to promote health information access in their community.

In mid-July, Ms. Champ-Blackwell and Ms. Windsor consulted with Whitney Davison-Turley, Digital Projects Specialist/Librarian at the Archie R. Dykes Library. Ms. Davison-Turley would like to pursue an NLM Translational Informatics Grant to set up a program that would track the use of information provided to clients at one or more underserved clinics in rural Kansas. Liaisons offered ways to begin to put together this project.

At the end of July, Ms. Jones and Deborah Ward, Director of the J. Otto Lottes Health Sciences Library, met with a group to discuss developing a grant proposal to install health information kiosks that would feature MedlinePlus at different clinics.

Ms. Hamasu and Lisa Boyd, Consumer Health Librarian, facilitated the May and June meetings of the Proposal Writing Assistance Work Group. The group completed discussion on Charge 3: Identify possible approaches for coordinating efforts at developing and providing proposal writing workshops across regions; and Charge 4: Identify opportunities for providing proposal writing workshops that target Network members, Affiliate members, minority-serving institutions and community-based organizations. Ms. Hamasu collected responses from each RML on workshops they have offered or will offer, that relate to proposal writing.
Outreach Programs

Consumer Health Information Services

Ms. Jones and Amanda McConnell, Reference Librarian for J. Otto Lottes Health Sciences Library, met with Dr. Robert Hodge, from the University Physicians Fairview Clinic, to discuss how MedlinePlus can be incorporated into the patient teaching process at the clinic. Dr. Hodge has also spoken with Dr. Elliott Siegal at NLM about this project and will work with NLM to test the impact of MedlinePlus on patient health.

On May 12, Ms. Magee attended a meeting of Nebraska Educational Television on the upcoming series “Remaking American Medicine.” There will be a local version focusing on Nebraska health initiatives. Ms. Magee promoted including a segment on health information to focus on National Library of Medicine resources and their use in rural populations. Production is proposed for 2006. The meeting was attended by approximately 20 other representatives of non-profit groups supporting health activities in the state of Nebraska and proved to be a good venue to make contacts with health organizations and governmental organizations.

Ms. Magee continued to work with the Nebraska Library Commission and hospital librarians to put on a one-day mental health pre-conference workshop at the Nebraska Library Association/Nebraska Educational Media Association annual conference.

At the end of July, Ms. Hamasu participated in an NN/LM teleconference on the Bone and Joint Decade. This is an international group who want to increase awareness of bone and joint disorders especially osteoporosis. They are developing a pilot project of team presentations in six public libraries during National Awareness week in October. The team consists of a physician, a patient, an RML or health sciences librarian, and a public librarian. One of the pilot presentations is proposed for the Kansas City area. The RML recommended Johnson County Public Library as the location for the presentation.

Go Local

Ms. Jones met with her Resource Library staff about developing a proposal for Go Local funding.

Ms. Windsor set up a call between Erica Reynolds of the Johnson County Library and Naomi Miller of the MedlinePlus team to discuss Go Local database specifications.

Public Libraries

Ms. Jones taught the “Looking in All the Wrong Places” PubMed class for the Mid-Continent Public Library system in Missouri. The class was easy to teach, and well received.

In July, Ms. Abbey gave a MedlinePlus class to eleven staff members at the Pitkin County Public Library in Aspen, Colorado. Since they are a small public library, medical resources are limited and MedlinePlus will allow them to provide quality health information for their customers. Ms. Abbey also promoted Affiliate NN/LM membership.
Public Library Site Visits:
May 3, 2005  Mid-Continent Public Library System, Missouri
June 23, 2005  Argentine Branch-Kansas City Public Library, Kansas
July 12, 2005  Cozad Public Library, Nebraska
July 12, 2005  Gothenburg Public Library, Nebraska
July 12, 2005  Lexington Public Library, Nebraska
July 20, 2005  Morton-James Public Library, Nebraska
July 25, 2005  Pitkin County Library, Colorado

Public Health

Ms. Windsor visited with the public health faculty at the University of Kansas Medical Center to introduce herself and to re-enforce her commitment, as Kansas Liaison, to the support of the program. This is a continuing effort of the RML to encourage MPH programs in the region to incorporate informatics into their curriculum.

On June 30, 2005, Ms. Youngkin demonstrated NLM and Eccles Health Sciences Library resources to Bear River Health Department health educators, public health nurses, and WIC coordinators. The presentations were well received.

Ms. Windsor talked to the Workforce Development Committee of the Kansas Department of Health and Environment about the NN/LM role in health information. She discussed opportunities to incorporate health information classes into their training programs.

Ms. Abbey met with three professional staff members of the Pitkin County Community Health Services Department (Aspen, Colorado) in July. Among the group was one of the state's few rural hospital librarians. They identified challenges in rural health that included: lack of insurance for illegal immigrants, client language barriers, client technology barriers (access to computer and/or do not know how to use computer), and social/religious barriers related to birth control and the prevention of STDs.

Community Outreach

In May, Ms. Champ-Blackwell called a meeting of the Omaha based working group consisting of representatives from the public library, the department of health, and CBOs. In preparation for that meeting, Teri Hartman and Angela Arner (Network members) met to plan an agenda based on the "Cafe To Go" process (http://www.theworldcafe.com/cafetogo.pdf) that provided excellent results. The following questions were asked:

1. What are you and other community based organizations currently doing in terms of providing health information?
2. Can you remember a time when health information would have been helpful, but you couldn’t find it and didn’t know where to turn for help?
3. What are some examples of successful health information projects you’ve used, or know about; examples of successful information campaigns in general that community groups have used?
The series of four ethnic trifolds of "Health Information on the Internet: Focus on…" developed by Ms. Champ-Blackwell was sent out in May. As a result of this mailer, liaisons received emails and phone requests on how to locate the trifolds for use within their libraries.

Ms. Magee continued her participation in planning the Nebraska Health Information Partnerships Symposium for November 2005. This meeting will bring together community organizations to improve health information access.

Regional Symposium
Ms. Henning worked on planning the Community Outreach Symposium scheduled for October 11, 2005 in Jackson Hole, Wyoming. She worked on the agenda, invitations, and arrangements for the location and accommodations.

Community Based Organizations
Marilyn McGary and Patrice Pitman of the Urban League of Nebraska met with Ms. Champ-Blackwell to discuss setting up a health page on their state web site. They wanted to know if NLM could track and report if people were reaching MedlinePlus from the Urban League site. NLM does not make this information available as part of its privacy policy. If the local site proves useful, they plan to approach the national organization to set up a health page. The contact with the Urban League was forwarded by Roy Sahali from the NN/LM Pacific Northwest Region.

Ms. Jones attended the Missouri Institute for Community Health (MICH) meeting. The group is being reorganized and committee assignments are being reassigned. The administrative committee has been eliminated, so Ms. Jones joined the Health Literacy committee.

Hispanic Outreach
In May, Ms. Champ-Blackwell taught resources to students of the "Spanish for the Health Care Provider" class at Alegent Bergan Mercy Medical Center. Six high school students also attended as guests of the instructor.

Technology Awareness and Integration

Thomas Gibbs, Technology Liaison, experimented with creating workflows for a submission policy for the RML archive that will reside on DSpace.

LinkOut
Mr. Gibbs created a LinkOut button for a Network library and volunteered to videobroadcast and archive one of the national training sessions for the NLM.

Distance Technologies
In May, Ms. Dennis coordinated and attended a Breeze demonstration conducted by Susan Roberts of the Eccles Health Sciences Library. The demonstration was attended by six librarians affiliated with the Family Practice Inquires Network (FPIN) project and requested by Deb Ward, FPIN Vice President for Information Resources.

A number of different communication technologies were tested this quarter. The Verizon wireless card is being tested at exhibits as a replacement for renting phone lines. The RML is comparing availability, dependability, and speed of the two ways of connecting to the Internet.

In June, Ms. Dennis tested Ineen, a free Voice over IP application. The application has a more difficult interface than Skype, sound quality was not as good, and video worked intermittently. Ms. Dennis and Mr. Gibbs tested Video Skype (VSkype) with liaisons. The test was successful except for audio and camera problems with a few liaisons that were fixed. Video quality was excellent, with large pictures. Audio quality was very good, especially when participants muted their audio when not talking. VSkype is still in beta, and should continue to improve. It shows a lot of promise for future MCR communications.
Ms. Dennis set up and tested video-conferencing with Kansas and Utah for the Wyoming Symposium held in July. She recorded "Caring for the Mind," presented by Ms. Magee and Ms. Jones and made the streaming video and PowerPoint presentations available on the MCR web site.
(http://nnlm.gov/mcr/education/async.html)

Blogs
Ms. Dennis researched blogs for two purposes:
1) to set up the RML news blog on nnlm.gov; and
2) to potentially offer liaisons and members a blog publishing service.

Some conclusions:
– Blogger.com has a simple, easy to use interface with most of the features needed for someone to start a blog. It is free. It can be set up so that the files are hosted at a particular URL rather than blogger.com's URL. This may be a viable option for many of our members.
– Bloglines.com is fine for keeping track of your personal news feeds, but has a more difficult interface and limited features for writing a blog.
– Movable Type has the most features and it would meet the needs of members for a long time to come. A non-profit license can be obtained for a reasonable fee. However, it is more difficult to use than blogger.com and would likely require training.
– WordPress is difficult to customize and lacks a notification feature.

Education

Ms. Magee was guest lecturer in the distance education class on collection development at Mid-Plains Community College for the library technician certification program. She spoke about the resources of the National Library of Medicine (DOCLINE, web resources, and support for educational activities). Class participants asked about collection development and shared resources.

Two "Search Strategies" CDs were sent out this quarter, one to Campus Outreach at UT Southwestern Medical Center in Dallas, Texas and the other to the Fay W. Whitney School of Nursing at the University of Wyoming.

MLA meeting CDs arrived in July and were promoted to the region. There were five requests for the CDs.

Usage was tracked for hits on the MCR web page for Education-Presentations (see below). It is currently averaging more than 300 hits per month.

Usage was also tracked for hits on MCR web page for Education-netLibrary (see below).
## Exhibits and Presentations at Meetings

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<th>Date</th>
<th>Place</th>
<th>Name</th>
<th>Comments</th>
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<tbody>
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<td><strong>National Meetings</strong></td>
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<tr>
<td>Health Ministries Association</td>
<td>June 30, 2005</td>
<td>Omaha, NE</td>
<td>M. Magee</td>
<td>Exhibited with Gail Kouame (NN/LM Pacific Northwest Region).</td>
</tr>
<tr>
<td>National Rural Health Association - Skill Building Workshop</td>
<td>July 20, 2005</td>
<td>Nebraska City, NE</td>
<td>M. Magee</td>
<td>Presentation</td>
</tr>
<tr>
<td><strong>Local/Regional Meetings</strong></td>
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<tr>
<td>Kansas Public Health Nursing Conference</td>
<td>May 4, 2005</td>
<td>Wichita, KS</td>
<td>L. Windsor</td>
<td>Spoke to approximately 50 of the 450 attendees about PubMed, MedlinePlus, and MedlinePlus en espanol. Many were unfamiliar with MedlinePlus. They seemed thrilled to have a web site to refer their patients to.</td>
</tr>
<tr>
<td>Event</td>
<td>Date</td>
<td>Place</td>
<td>Name</td>
<td>Comments</td>
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<tr>
<td>Utah Public Health Annual Conference</td>
<td>May 9, 2005</td>
<td>Park City, UT</td>
<td>M. Youngkin</td>
<td>Talked with 68 individuals. Gave 32 demos, 25 were of the Partners web site.</td>
</tr>
<tr>
<td>Utah Library Association</td>
<td>May 12, 2005</td>
<td>Ogden, UT</td>
<td>M. Youngkin</td>
<td>Gave 15 demonstrations, mostly of MedlinePlus.</td>
</tr>
<tr>
<td>Biopreparedness Education Conference</td>
<td>May 24, 2005</td>
<td>Kearney, NE</td>
<td>M. Magee</td>
<td>Exhibit</td>
</tr>
<tr>
<td>Migrant Conference</td>
<td>June 8-10, 2005</td>
<td>Wichita, KS</td>
<td>L. Windsor</td>
<td>Exhibit</td>
</tr>
<tr>
<td>Association for Utah Community Health</td>
<td>June 9-10, 2005</td>
<td>Park City, UT</td>
<td>M. Youngkin</td>
<td>Talked with 46 of 160 attendees. Gave 14 demos.</td>
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<tr>
<td>Wyoming Medical Society Annual Meeting</td>
<td>June 9-11, 2005</td>
<td>Jackson, WY</td>
<td>M. Henning</td>
<td>Exhibit</td>
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<td>Nebraska School Nurse Association</td>
<td>June 13, 2005</td>
<td>Kearney, NE</td>
<td>M. Magee</td>
<td>Exhibit</td>
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<tr>
<td>Eastern Library System Annual Conference of the Nebraska Library Commission</td>
<td>June 20, 2005</td>
<td>Kearney, NE</td>
<td>M. Magee</td>
<td>Exhibit</td>
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<tr>
<td>Technology in Education Conference</td>
<td>June 20, 2005</td>
<td></td>
<td>D. Abbey</td>
<td>Recommend returning if able to present as the booth traffic is low</td>
</tr>
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<td>The Virtual Frontier: Developing and Delivering Health Science Education from a Distance (<a href="http://virtualfrontier.creighton.edu/">http://virtualfrontier.creighton.edu/</a>)</td>
<td>June 21, 2005</td>
<td>Omaha, NE</td>
<td>S. Champ-Blackwell</td>
<td>Presented a poster on the eHealth project with Brian Jimenez</td>
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<tr>
<td>Nebraska Midwest Institute</td>
<td>July 24, 2005</td>
<td>Lincoln, NE</td>
<td>M. Magee</td>
<td>Presented and exhibited</td>
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## Appendix A

### CE & Conferences

Attended by NN/LM MCR Staff

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<td>White House on Aging – pre-conference at ALA</td>
<td>June 21, 2005</td>
<td>M. Magee</td>
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<tr>
<td>ALA</td>
<td>June 25-28, 2005</td>
<td>S. Champ-Blackwell, M. Magee</td>
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<td>LinkOut Class</td>
<td>July 19, 2005</td>
<td>B. Jones</td>
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<td>NCBI Molecular Biology databases workshop</td>
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<td>L. Windsor</td>
</tr>
</tbody>
</table>
Appendix B
MCR Regional OARF Report

Outreach Activities Report  MidContinental Region - Project
RML Q1, 2005-2006
Generated: Friday, March 24, 2006

45 Total Outreach Activities

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

Activities Summary

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of estimated participants:</td>
<td>535</td>
<td></td>
</tr>
<tr>
<td>Average number of participants:</td>
<td>11.59 per activity</td>
<td></td>
</tr>
<tr>
<td>Average length:</td>
<td>1.22 hours</td>
<td></td>
</tr>
<tr>
<td>Under 1 hour:</td>
<td>13 activities (24.44%)</td>
<td></td>
</tr>
<tr>
<td>Between 1 and 2 hours:</td>
<td>20 activities (37.22%)</td>
<td></td>
</tr>
<tr>
<td>Over 2 hours:</td>
<td>8 activities (14.81%)</td>
<td></td>
</tr>
<tr>
<td>Hands-on practice:</td>
<td>19 activities (35.11%)</td>
<td></td>
</tr>
<tr>
<td>Conducted remotely:</td>
<td>5 activities (9.26%)</td>
<td></td>
</tr>
<tr>
<td>Offering continuing education:</td>
<td>5 activities (9.26%)</td>
<td></td>
</tr>
<tr>
<td>Significant number of minorities:</td>
<td>5 activities (9.26%)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health sciences library:</td>
<td>44 activities (87.78%)</td>
<td></td>
</tr>
<tr>
<td>Public library:</td>
<td>15 activities (28.26%)</td>
<td></td>
</tr>
<tr>
<td>Government agency:</td>
<td>5 activities (11.11%)</td>
<td></td>
</tr>
<tr>
<td>Hospital:</td>
<td>9 activities (20.20%)</td>
<td></td>
</tr>
<tr>
<td>Clinical/health care:</td>
<td>12 activities (26.67%)</td>
<td></td>
</tr>
<tr>
<td>Academic institution:</td>
<td>10 activities (22.22%)</td>
<td></td>
</tr>
<tr>
<td>Community-Based:</td>
<td>2 activities (4.44%)</td>
<td></td>
</tr>
<tr>
<td>Faith-Based:</td>
<td>1 activity (2.22%)</td>
<td></td>
</tr>
<tr>
<td>Public Health Agency:</td>
<td>14 activities (31.11%)</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td>7 activities (15.56%)</td>
<td></td>
</tr>
</tbody>
</table>

311 Participants Completed Participant Information Sheets

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

Participants Summary

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activities at which PI sheet collected:</td>
<td>437</td>
<td>92.7%</td>
</tr>
<tr>
<td>Health care or service providers:</td>
<td>235 participants (70.50%)</td>
<td></td>
</tr>
<tr>
<td>Health science library staff members:</td>
<td>3 participants (0.90%)</td>
<td></td>
</tr>
<tr>
<td>Public Health worker:</td>
<td>50 participants (15.00%)</td>
<td></td>
</tr>
<tr>
<td>Public/Other library staff members:</td>
<td>10 participants (3.00%)</td>
<td></td>
</tr>
<tr>
<td>Members of general public:</td>
<td>17 participants (4.70%)</td>
<td></td>
</tr>
</tbody>
</table>
Appendix C
Subcontractor Quarterly Reports
Quarterly Report

Name of reporting institution: Community Hospital Library
Janet Nelson, Library Director
2021 North 12th Street
Grand Junction, CO 81501

Project: Community Sharing Library Resources

Name of person submitting report: Janet Nelson, Library Director
Email address: jnelson@gjhosp.org
Telephone number: (970) 256-6209

Reporting Period start date: 04/01/2005
Reporting Period end date: 06/30/2005

Publicity:
June 2005 Physician News to Community Hospital Medical Staff (copy attached) - distributed to 230 physicians and 430 hospital employee-partners

Marillac Clinic - Operations Manager - contacted by e-mail regarding grant and offering to speak to their staff, make materials available for their patients 06/09/05 (clinic which provides primary care and preventive health services to our county's low-income and uninsured population - serves approximately 18,000 patients/year

Outreach: None

Other accomplishments:
Texts entered into the database - 811
Serials entered into the database - 106

Target audience:
Physicians and staff audience were contacted with newsletter during this reporting period.

Will distribute printed bookmarks to Marillac Clinic when printing is completed.

Goals, Outcomes, Objectives:
Outcomes as stated in the application are still feasible.

Left message with Mesa County Public Library Reference director to invite the reference staff from the main library and any branch libraries interested to visit our library and to view a demonstration on the catalog in July.
Firm date is not yet established.
We are working in conjunction with another small medical library in Glenwood Springs, CO with the state library to have our Cybertools catalog holdings linked with Colorado libraries Swift Interlibrary loan system.

The state library is talking to Cybertools technical staff to work out technical details. This will enable us to share our collection through interlibrary loan to other libraries in the state and increase circulation.

**Evaluation:**
We are learning to run reports on activity in the catalog, but this will be more effective when checkout system is automated. So far, we have just been entering records into the database and will not be utilizing circulation function until 90% of materials are entered.

**Impacts and Observations:**
One local psychologist called after seeing the online catalog and requested bookmarks to give to his patients. Sent packet & will consider contacting local psychologists, as this is a population we had not previously considered.

**Planned Activities:**
Presentation at medical staff CME to be scheduled as time is available on calendar during Sept. Contacted CME admin. assistant to schedule with physician head of committee.

Mesa County Public Library District branches reference staff visit in July
Quarterly Report

Name of reporting institution:
Dixie Regional Medical Center
Pamella Asquith, Medical Librarian
1380 East Medical Center Drive
St. George, UT 84790

Project: Information Resource Training for Nurse Interns

Name of person submitting report: Pamella Asquith
Email address: pamella.asquith@ihc.com
Telephone number: 435-251-2459

Reporting Period start date: 03-01-2005
Reporting Period end date: 06-30-2005

Publicity:
Word of mouth at Medical Library Association conference in May in San Antonio, Texas

Outreach:
See OARFs of activities May 11 and May 25

Other accomplishments:
Database for data analysis done by web designer

Target audience:
13.6% reported they had never been to a library or used online library resources during their time as a student. 68% reported they were "comfortable" with their ability to find information they needed.

Goals, Outcomes, Objectives:
− Perhaps self-reporting of information seeking abilities overstates level. Instructor will have to emphasize issue of verifiability of information.
− Problem with data analysis in questions where more than one answer can be chosen; will have to redo formula.
− Web design more time-consuming and complicated than anticipated so request shift of budget category from hardware to software design. Hardware being supplied by hospital

Evaluation:
Sent as WORD files

Impacts and Observations:
Trainees seemed to enjoy doing the library assignments and did not feel like "Yuck, we're back in school."

Planned Activities:
− Another group of trainees arriving within a month.
− Will develop a post-test and work with web designed to correct problems with pre-test data analysis.
Outreach Activities Report  Information Resource Training for Nurse Interns - Project

RML Q1, 2005-2006

Generated: Friday, March 24, 2006

2 Total Outreach Activities

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

### Activities Summary

<table>
<thead>
<tr>
<th>Activity Type</th>
<th>Number of Activities</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of estimated participants</td>
<td>43 participants</td>
<td></td>
</tr>
<tr>
<td>Average number of participants</td>
<td>21.50 per activity</td>
<td></td>
</tr>
<tr>
<td>Average length</td>
<td>3 hours</td>
<td></td>
</tr>
<tr>
<td>Under 1 hour</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Between 1 and 2 hours</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Over 2 hours</td>
<td>2 activities (100%)</td>
<td></td>
</tr>
<tr>
<td>Hands-on practice</td>
<td>2 activities (100%)</td>
<td></td>
</tr>
<tr>
<td>Conducted remotely</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Offering continuing education</td>
<td>0 activities</td>
<td></td>
</tr>
<tr>
<td>Significant number of minorities</td>
<td>0 activities</td>
<td></td>
</tr>
</tbody>
</table>

### Session Content

<table>
<thead>
<tr>
<th>Session Type</th>
<th>Number of Activities</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PubMed</td>
<td>2 activities (100%)</td>
<td></td>
</tr>
<tr>
<td>MedlinePlus</td>
<td>2 activities (100%)</td>
<td></td>
</tr>
<tr>
<td>ClinicalTrials.gov</td>
<td>0 activities (0.0%)</td>
<td></td>
</tr>
<tr>
<td>NCBI</td>
<td>0 activities (0.0%)</td>
<td></td>
</tr>
<tr>
<td>NLM Gateway</td>
<td>0 activities (0.0%)</td>
<td></td>
</tr>
<tr>
<td>OJNET</td>
<td>0 activities (0.0%)</td>
<td></td>
</tr>
<tr>
<td>Other technology content</td>
<td>2 activities (100%)</td>
<td></td>
</tr>
<tr>
<td>Other, non-technology content</td>
<td>0 activities (0.0%)</td>
<td></td>
</tr>
</tbody>
</table>

### Significant Minority Population Present

<table>
<thead>
<tr>
<th>Minority Group</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>0 activities (0.0%)</td>
</tr>
<tr>
<td>Alaska Native</td>
<td>0 activities (0.0%)</td>
</tr>
<tr>
<td>Asian and Pacific Islander</td>
<td>0 activities (0.0%)</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0 activities (0.0%)</td>
</tr>
<tr>
<td>Native American</td>
<td>0 activities (0.0%)</td>
</tr>
</tbody>
</table>

0 Participants Completed Participant Information Sheets

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

### Participants Summary

<table>
<thead>
<tr>
<th>Participants Type</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activities at which PI sheet collected</td>
<td>0 (0.0%)</td>
</tr>
<tr>
<td>Health care or service providers</td>
<td>0 participants</td>
</tr>
<tr>
<td>Health science library staff members</td>
<td>0 participants</td>
</tr>
<tr>
<td>Public health worker</td>
<td>0 participants</td>
</tr>
<tr>
<td>Public/other library staff members</td>
<td>0 participants</td>
</tr>
<tr>
<td>Members of general public</td>
<td>0 participants</td>
</tr>
</tbody>
</table>

20
With a partner: Find and review patient education handouts on the topic below

Scenario 1:

Your neighbor thinks her husband has Alzheimer’s Disease. Find some general information about this condition including ways that caregivers can cope.

Look in all the following places:

- UpToDate
- Micromedex CareNotes
- MD Consult
- WiredMD
- JAMA Patient Information pages (Binder or from EBSCO)
- IHC Web
- MedlinePlus

This assignment is due ____________________

Give the completed assignment to the librarian or put in the “Drop Box” in the Medical Library.
Scenario 2:
Your patient has been diagnosed with celiac disease. Find some general information about this condition including dietary restrictions.

Scenario 3:
Your patient has asthma and allergies. Find some general information about this condition and things your patient can do to cope.

Scenario 4:
Your patient has been diagnosed with GERD. Find some general information about this condition and things your patient can do to cope.

Scenario 5:
Your patient has been diagnosed with Crohn’s Disease. Find some general information about this condition and things your patient can do to cope.

Scenario 6:
Your patient has been diagnosed with GERD. Find some general information about this condition and things your patient can do to cope.
Scenario 7:
Your patient has been diagnosed with Parkinson’s disease. Find some general information about this condition and things your patient can do to cope.

Scenario 8:
Your patient has been diagnosed with prostate cancer. Find some general information about this condition and different treatment options.

Scenario 9:
Your patient is thinking about having bariatric surgery. Find some general information about this and the aftercare including dietary restrictions.

Scenario 10:
Your patient will have a total hip replacement. Find some general information about this procedure and what the patient will have to do for rehabilitation.
### DRMC NURSE INTERNSHIP LIBRARY TRAINING ASSIGNMENT I

<table>
<thead>
<tr>
<th>Name</th>
<th>Is the topic covered there?</th>
<th>Is it attractive and written at a level the patient can understand?</th>
<th>Are there good pictures, charts, or graphics?</th>
<th>Why would or wouldn't you choose this document?</th>
</tr>
</thead>
<tbody>
<tr>
<td>UpToDate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Micromedex Carenotes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MD Consult</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JAMA Patient Handouts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IHC Web</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medline Plus</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WiredMD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Look in various databases for specific information about drugs.

1. What is the recommended dosage regimen for use of reserpine in the treatment of hypertension in an adult male who is 58 years old?

   **Answer**

   **Source**

2. What is the initial recommended starting dose for tolbutamide in an adult who has adult-onset diabetes mellitus?

   **Answer**

   **Source**

3. What are the active ingredients in Cosopt?

   **Answer**

   **Source**

4. Is it possible that diltiazem causes gingival hyperplasia?

   **Answer**

   **Source**

This assignment is due ____________________

Put the completed assignment in the “Drop Box” in the Medical Library.
Additional Questions:

1. What are the most common side effects of isosorbide dinitrate?
2. What are the top drug interactions I should worry about for a man who is on Aldomet?
3. Are there any cautions or concerns about the use of isoniazid in a woman who is 38 years old?
4. What should be done about a patient’s warfarin therapy; the patient is scheduled to have a wisdom tooth extraction 2 weeks from now?

1. Is metformin contraindicated for any reason?
2. Is there a drug interaction between warfarin and garlic?
3. My patient wants to take vitamin E concentrate. Is there a commercially-available product?
4. My patient is on warfarin. Is there a drug interaction between warfarin and vitamin E?

1. I would like to restart Prozac and delivered a baby 2 weeks ago. Will this drug go into my breast milk?
2. I have been on Dilantin and just learned that I am pregnant. Will I be able to continue taking Dilantin throughout the entire pregnancy? Is there any evidence about teratogenicity?
3. Should I adjust the dose of this patient who is on Dilantin? Based on her serum creatinine, I estimate her creatinine clearance to be about 20 milliliters per minute (mls/mn). What should I do?
4. Is hydrochlorothiazide a good choice in the management of edema in my congestive heart failure patient? She has a creatinine clearance estimated at 20 to 25 mls/mn. She is 83 years old.

1. My patient’s renal function is deteriorating and I have her on tobramycin. Are there any concerns about adverse effects or precautions?
2. My patient’s liver function tests are rising quickly. I have her on itraconazole. Are there any concerns about adverse effects or precautions?
3. My patient is taking warfarin 7.5 milligrams per day orally and has come to clinic with an international normalized ratio (INR) of 6. What should I do?
4. A little boy who is 8 years old just ate a bottle of FeSo4 tablets his mother had in the kitchen. She thinks he ate 40-50 of them. What should I do?

1. This adult will not swallow capsules and it is essential that he be treated with a macrolide antibiotic. Is there an injectable, long-acting macrolide that can be given in the office?
2. Can famotidine cause thrombocytopenia?
3. What are the key counseling points that are important about the use of topical nitroglycerin paste?
4. What is the mechanism of action of Paxil?

1. What is the stability of ampicillin oral suspension once it is reconstituted?
2. What are the side effects of linezolid (Zyvox)?
3. Does meperidine interact with selegiline?
4. What is the dosage of Augmentin suspension in a 4-year old female patient (50 pounds) with acute otitis media?
1. What is the dosage of Augmentin suspension in a 4 year old patient (50 pounds) with acute otitis media?

2. What is the dose of Tranxene for an 85-year old woman with anxiety?

3. What is the maximum daily dose of Darvocet N 100?

4. How do you prescribe Percocet for the pain associated with an acute ankle injury (twisted ankle) from playing tennis? The ankle was twisted yesterday and is now swollen and tender. The patient is 45 years old.

---

1. What is the equivalent dose of Lipitor to Zocor?

2. How long should I wait after a myocardial infarction to start warfarin therapy in a 55-year old man?

3. Does Zithromax work for community-acquired pneumonia?

4. How effective is Zoloft in the management of premenstrual dysphoric disorder?

---

1. How long does the sexual dysfunction (decreased libido) associated with Zoloft last after stopping it?

2. Above what dose of potassium chloride as a daily oral supplement does hyperkalemia develop?

3. Is Verapamil contraindicated in pregnancy?

4. Are there any interactions between amoxicillin and food?

---

1. What is the brand name for sertraline?

2. How much hydrochlorothiazide is in Dyazide?

3. What is the active ingredient in Lanoxicaps?

4. What are the available dosage forms and strengths of digoxin?

---

1. How do the absorption and duration characteristics of Calan and Calan SR compare?

2. What is the mechanism of action of Zithromax?

3. Does verapamil interact with any foods?

4. How often should a phenytoin serum level be drawn in a patient with grand mal seizures who is stable and well-controlled on phenytoin?

Questions taken from

Permission to use questions granted by Galt KA, 29 April 2005 via email
Graduate RN Internship Competency Assessments and Quizzes

PCAIII Name ________________________________

Library

• Log-in IHC Library homepage with user name and password onsite and by remote access. Explain log-in process to someone unfamiliar with it or to someone having trouble with it.

• Identify various components of the IHC Library homepage

• Conduct a basic search in UpToDate for clinical information and know when it is appropriate to do so

• Conduct a basic search in MD Consult utilizing reference books, journal citations and fulltext offerings, drug information, patient information resources etc

• Conduct a basic search for drug information in Micromedex

• Conduct a basic search in Cineguide for general information on a condition encountered on the floor

• Conduct a basic search in PubMed

• Conduct a basic search in Medline Plus

• Explain the basic features of databases from EBSCOhost

• Conduct a basic search in Medline from EBSCOhost and recognize the similarities and differences with PubMed

• Conduct a basic search in CINAHL from EBSCOhost

• Utilize all the fulltext collections from EBSCOhost

• Be aware of how to verify information from Internet sources

• Utilize print resources in the physical DRMC Medical Library for both backup when online resources cannot be accessed and for additional information

• Explain what services are available from the DRMC Medical Library
Graduate RN Internship Competency Assessments and Quizzes

PCAIII Name _______________________________

Competency Assessments and Quizzes

<table>
<thead>
<tr>
<th>Library</th>
<th>Date</th>
<th>Librarian Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Completed pre-test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Attended tutorial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Completed Assignment I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Completed Assignment II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Completed Follow-up Post-test (after 3 months)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PCAIII _________________________________________________________

   Date   Signature

Librarian Name (printed) ___________________________________________
## Dixie Regional Medical Center - Survey Data

<table>
<thead>
<tr>
<th>#</th>
<th>Questions</th>
<th>Possible Answers</th>
<th>Total Answers</th>
<th>Percentage</th>
<th>Other Answers For This Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>How frequently did you go to your school library while you were doing your nursing program?</td>
<td>Never</td>
<td>6</td>
<td>13.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-3 times a semester</td>
<td>17</td>
<td>38.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Once a month</td>
<td>11</td>
<td>25.0%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Once a week</td>
<td>8</td>
<td>18.2%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than once a week</td>
<td>2</td>
<td>4.5%</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>How frequently did you use your school library resources from a computer either at home or at school while you were doing your nursing program?</td>
<td>Never</td>
<td>6</td>
<td>13.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-3 times a semester</td>
<td>17</td>
<td>38.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Once a month</td>
<td>11</td>
<td>25.0%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Once a week</td>
<td>6</td>
<td>13.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than once a week</td>
<td>4</td>
<td>9.1%</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Why did you go to or use online resources from your school library? Choose all that apply</td>
<td>Research for a class</td>
<td>31</td>
<td>30.1%</td>
<td>I never did.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Preparation for a class project</td>
<td>30</td>
<td>29.1%</td>
<td>I did not know about it</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Study for an exam</td>
<td>18</td>
<td>17.5%</td>
<td>I never used my school library study group</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Look up drug info, lab value or other specific measurement</td>
<td>12</td>
<td>11.7%</td>
<td>I did not use the library at my school, it was a 45 minute drive to another town</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Extra reading</td>
<td>5</td>
<td>4.9%</td>
<td>Online nursing program</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain)</td>
<td>7</td>
<td>6.8%</td>
<td>online nursing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Didn't use the library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>What kinds of things did you use at or from your school library? Choose all that apply</td>
<td>Textbooks</td>
<td>22</td>
<td>21.2%</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Encyclopedia</td>
<td>7</td>
<td>6.7%</td>
<td>never used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Journals/Magazines</td>
<td>32</td>
<td>30.8%</td>
<td>none</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Drug reference book</td>
<td>11</td>
<td>10.6%</td>
<td>internet access</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Instructional videos</td>
<td>26</td>
<td>25.0%</td>
<td>electronic media</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Internet</td>
<td></td>
<td></td>
<td>Internet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain)</td>
<td>6</td>
<td>5.8%</td>
<td>computer lab, group rooms</td>
</tr>
<tr>
<td>5</td>
<td>What features did you like about your school library? Choose all that apply</td>
<td>Helpful librarians</td>
<td>25</td>
<td>23.8%</td>
<td>Actually, our school was out of town so I didn't utilize it very much</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Good study space</td>
<td>26</td>
<td>24.8%</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Good place to meet friends</td>
<td>8</td>
<td>7.6%</td>
<td>quick computers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Always found what was needed</td>
<td>14</td>
<td>13.3%</td>
<td>easy access online</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Good computers</td>
<td>27</td>
<td>25.7%</td>
<td>access of info. online from home</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain)</td>
<td>5</td>
<td>4.8%</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>Questions</td>
<td>Possible Answers</td>
<td>Total Answers</td>
<td>Percentage</td>
<td>Other Answers For This Question</td>
</tr>
<tr>
<td>----</td>
<td>--------------------------------------------------------------------------</td>
<td>------------------</td>
<td>---------------</td>
<td>------------</td>
<td>------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>6</td>
<td>What features did you not like about your school library? Choose all that apply</td>
<td>Didn't have what you needed</td>
<td>8</td>
<td>11.6%</td>
<td>Out of town location not close to home</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Couldn't find what you needed</td>
<td>10</td>
<td>14.5%</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hours limited</td>
<td>20</td>
<td>29.0%</td>
<td>Not enough computers none</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Computers not adequate</td>
<td>5</td>
<td>7.2%</td>
<td>could not concentrate there old, old textbooks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unhelpful librarian</td>
<td>2</td>
<td>2.9%</td>
<td>Very COLD temperature limited resources</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Too crowded or noisy</td>
<td>11</td>
<td>15.9%</td>
<td>Too far away from home</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not cool to go to the library</td>
<td>0</td>
<td>0.0%</td>
<td>Too far away from home</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain)</td>
<td>13</td>
<td>18.8%</td>
<td>Library too far from home</td>
</tr>
<tr>
<td>7</td>
<td>What features of a library are most important to you? Choose all that apply</td>
<td>Have books and journals you need</td>
<td>40</td>
<td>17.1%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Have computer resources you need</td>
<td>39</td>
<td>16.7%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Have tutorials to help you find and use information without having to ask for help</td>
<td>22</td>
<td>9.4%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Help from librarian to find things you need</td>
<td>38</td>
<td>16.2%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Have adequate computers</td>
<td>31</td>
<td>13.2%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>To be open all the time</td>
<td>25</td>
<td>10.7%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>To be a comfortable place to research and study</td>
<td>39</td>
<td>16.7%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain)</td>
<td>0</td>
<td>0.0%</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>How would you rate yourself as a user of online resources from the library at your school?</td>
<td>Expert: I always know where to look and get what I need; I never need any help</td>
<td>1</td>
<td>0.02</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comfortable: I usually know where to look and get what I need and I'm not afraid of the process</td>
<td>30</td>
<td>0.68</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Challenged: It sometimes takes me a while but I can find what I need most of the time</td>
<td>11</td>
<td>0.25</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suffering: I get easily frustrated and settle for less-than-optimal information because I can't find good stuff</td>
<td>1</td>
<td>0.02</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clueless: I really have no idea how to look for information</td>
<td>1</td>
<td>0.02</td>
<td></td>
</tr>
</tbody>
</table>

<p>| 31 |</p>
<table>
<thead>
<tr>
<th>#</th>
<th>Questions</th>
<th>Possible Answers</th>
<th>Total Answers</th>
<th>Percentage</th>
<th>Other Answers For This Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>How would you rate yourself as a user of print resources from your school library?</td>
<td>Expert 2</td>
<td>4.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comfortable 35</td>
<td>79.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Challenged 6</td>
<td>13.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suffering 0</td>
<td>0.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clueless 1</td>
<td>2.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>How would you rate yourself on being able to find information from the internet?</td>
<td>Expert 6</td>
<td>13.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comfortable 32</td>
<td>72.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Challenged 6</td>
<td>13.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suffering 0</td>
<td>0.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clueless 0</td>
<td>0.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>In general when you need something, how do you find the information? Choose all that apply</td>
<td>Ask a friend or other student 33</td>
<td>35.1%</td>
<td></td>
<td>Teachers/Instructors</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ask a relative or &quot;respected adult&quot; 1</td>
<td>1.1%</td>
<td></td>
<td>Look at information sites provided by the school</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ask a librarian 9</td>
<td>9.6%</td>
<td></td>
<td>access sites</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Look in a book or directory 16</td>
<td>17.0%</td>
<td></td>
<td>ebscohost journal and magazines</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Surf the internet 33</td>
<td>35.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain) 2</td>
<td>2.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>If you can't find information you need, what do you do? Choose all that apply</td>
<td>Ask a friend or other student 33</td>
<td>42.3%</td>
<td></td>
<td>Try a different approach</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ask a librarian 7</td>
<td>9.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Try looking in a different place 13</td>
<td>16.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Change your topic to fit the information that you did find 18</td>
<td>23.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Be satisfied with what you found and hope somebody else found the info you really need 1</td>
<td>1.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Give up and go home 5</td>
<td>6.4%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (explain) 1</td>
<td>1.3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>At your school library, did you receive training on how to use? Choose all that apply</td>
<td>CINAHL 7</td>
<td>14.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medline 10</td>
<td>20.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medline Plus 4</td>
<td>8.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Full text journal database such as EBSCO or OVID 23</td>
<td>46.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Knowledge databases such as MD Consult or Up To Date 6</td>
<td>12.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>Questions</td>
<td>Possible Answers</td>
<td>Total Answers</td>
<td>Percentage</td>
<td>Other Answers For This Question</td>
</tr>
<tr>
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<td>---------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
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<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>14</td>
<td>With or without training from your school, do you know how to use: Medline</td>
<td>21</td>
<td></td>
<td>39.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medline Plus</td>
<td>3</td>
<td></td>
<td>5.7%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Full text journal database such as EBSCO or OVID</td>
<td>17</td>
<td></td>
<td>32.1%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knowledge databases such as MD Consult or Up To Date</td>
<td>12</td>
<td></td>
<td>22.6%</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Did you receive training at your school on how to verify the accuracy of health information you found on the internet?</td>
<td>Yes</td>
<td>13</td>
<td>29.5%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td>31</td>
<td></td>
<td>70.5%</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Do you use a PDA/palm computer for nursing applications?</td>
<td>Yes</td>
<td>17</td>
<td>38.6%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td>27</td>
<td></td>
<td>61.4%</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Would you like to use a PDA for nursing applications?</td>
<td>Yes</td>
<td>42</td>
<td>95.5%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td>2</td>
<td></td>
<td>4.5%</td>
<td></td>
</tr>
<tr>
<td>MEDLINE</td>
<td>PharmLine</td>
<td>CRANL</td>
<td>MedlinePlus</td>
<td>Drug Information</td>
<td></td>
</tr>
<tr>
<td>---------</td>
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<td></td>
</tr>
<tr>
<td>Provides authoritative medical information on medicine, nursing, dentistry, veterinary medicine, the health care system, pre-clinical sciences, and much more. Operated by the National Library of Medicine. Over 4.600 current biomedical journals.</td>
<td>Similar to MEDLINE, but covers health sciences and biomedical literature.</td>
<td>Similar to MEDLINE, but covers health sciences and biomedical literature.</td>
<td>Provides valuable consumer health information and resources.</td>
<td>Provides information on U.S. laws and regulations, including federal, state, and local laws.</td>
<td></td>
</tr>
</tbody>
</table>
MICROMEDEX Healthcare Series

Search for summaries and detailed monographs for drugs, disease, alternative medicine, toxicological managements, reproductive risks, and emergency care.

Can be downloaded to a PDA.

Various Databases within MICROMEDEX:
- DrugFacts System
- DrugConsult
- POI
- UpToDate
- IndMed
- Dateset
- POX
- AmetroDex
- 911Dex
- ReperTox
- StrepTox
- NDDS (Material Safety Data Sheet)

Questions ??
Comments ??
Suggestions ??

Thank you for listening!
Quarterly Report

Name of reporting institution:  
John F. Reed Library  
Fort Lewis College  
1000 Rim Drive  
Durango, CO 81301

Project: Consumer Education Outreach with an Emphasis on Native American Outreach

Name of person submitting report: Myoung Fry  
Email address: fry2_m@fortlewis.edu  
Telephone number: (970) 259-1871

Reporting Period start date: 05-01-2005  
Reporting Period end date: 07-31-2005

Publicity:  
Open House - Community Members were invited to an open house to celebrate Reed Library's Consumer Health Collection and its webpage.

The Local Newspaper, Durango Herald, covered the story; a copy of this article was sent by mail.

Outreach:  
Durango Public Library had three presentations for the community.  
5/23/2005 - Durango Area School Nurses and Health Professionals  
1/13/2006 - San Juan Health Department

Other accomplishments:  
Durango Public Library had three presentations for the community.  
Beth Williams distributed brochures to State Libraries Meeting.

Target audience:  
Health Professionals in the southwestern part of Colorado who deal with many Native Americans and Chicanos.  
Local Librarians  
Community Members

Goals, Outcomes, Objectives:  
The webpage was again revised and uploaded before the open house.  
Brochures were printed distributed to various libraries and clinics.  
The presentation with Towac Clinic did not happen in spite of numerous efforts.
**Evaluation:**
Evaluations were handed out to Health professionals and received very positive feedback. The also wanted more brochures to be sent to their offices for their patients.

**Impacts and Observations:**
It was not always easy to make an arrangement with organizations to have presentations. Most of attendants were very eager to find out what I had to share with.

Attendants to the Open House were very pleased to see the new collection and the webpage. Some of FLC professors wanted to use the webpage for their students in Exercise and Biology classes.

**Planned Activities:**
I will continue to update the webpage as the FLC plans to change its interface. More brochures will be printed out and sent out to various organizations in the future.
Outreach Activities Report  Consumer Health Education Outreach with an Emphasis on Native American Outreach - Project
RML Q1, 2005-2006

5 Total Outreach Activities

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

### Activities Summary

- **Total number of estimated participants:** 46 participants
- **Average number of participants:** 0.23 per activity
- **Average length:** 1.20 hours
- **Under 1 hour:** 0 activities
- **Between 1 and 2 hours:** 5 activities (100.00%)
- **Over 2 hours:** 0 activities
- **Hands-on practice:** 2 activities (40.00%)
- **Conducted remotely:** 0 activities
- **Offering continuing education:** 0 activities
- **Significant number of minorities:** 1 activity (20.00%)

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

- Health sciences library: 0 activities
- PhD library: 0 activities
- Government agency: 1 activity (20.00%)
- Hospital: 0 activities
- Community-based: 0 activities
- Faith-based: 0 activities
- Public Health Agency: 1 activity (20.00%)
- Other: 0 activities

### Session Content

- PubMed: 0 activities (0.00%)
- MedlinePlus: 5 activities (100.00%)
- ClinicalTrials.gov: 0 activities (0.00%)
- NCBI: 0 activities (0.00%)
- NLM Gateway: 0 activities (0.00%)
- FONEIS: 0 activities (0.00%)
- Other technology content: 0 activities (0.00%)
- Other, non-technology content: 0 activities (100.00%)
Healthy Living

Healthy by the book

Grants bolster Fort Lewis College library collection

By Dale Rodebaugh
Herald Staff Writer

A world of consumer-level health information is at the fingertips of Southwest Colorado residents through Fort Lewis College.

Grants from the Southern Ute Indian Tribe and the National Library of Medicine totaling $13,500 have created a 120-book collection of medical literature at John F. Reed Library at Fort Lewis College and a comprehensive list of Web sites for people who want to read about medical problems in layman's language.

“We received a grant from the National Library of Medicine to provide reliable medical information...

In addition to its new collection of consumer health books, the Fort Lewis College library's Web site has information about other medical literature and provides links to consumer health sites from the Medical Library Association. The links reach national, state and local organizations, including American Indian organizations. The site also provides information about a variety of general topics.

The Web site is http://library.fortlewis.edu/consumerhealth. The reference desk at the library, 247-7551, also has information.

Help also is available at the other sponsoring organizations: The Durango Public Library at 385-2970 or http://durangopubliclibrary.org; and Mercy Medical Center at 382-1347 or http://mercydurango.org/library/libhome.html.
on the Internet," said Myoung Fry, a part-time reference librarian at FLC and the medical librarian at Mercy Medical Center. "Once we got into the process, we realized that we could use books but we didn't have enough money."

The Southern Ute Growth Fund came through, Fry said.

The collection of books covers such topics as physical and mental illnesses, illicit drugs and alcohol, dictionaries of medical terms and anatomical charts, caring for the elderly, homosexuality, children who don't fit in, birthing and parenting, alternative medicine, diets and nutrition, chronic pain and organ transplants.

Information in the books as well as on the Web sites comes from reliable, impartial sources, not from anyone with potential financial gain, Fry said. Straightforward language attempts to demystify what people don't understand or fear.

"All information is general, for the lay person," said Fry, whose master's degree in library and information science from the University of Oklahoma contained courses on medical terminology and how to operate a medical library. "I shared my list of suggested titles with other Fort Lewis College librarians, who rated them."

Chandler Jackson, director of Reed Library, said that the days when people went to the doctor with no questions asked and then straight to the pharmacy for the prescribed medicine are long gone.

"People want to know more about their problem," Jackson said. "They want to know what it is (medicine) they're taking."

The library collection can make people much more knowledgeable, Jackson said.

"The important aspect of this project is to make information available and easily accessible to the public," Jackson said. "People can use it whether they are affiliated with Fort Lewis College or not."

People interested in a specific health issue can visit a Web-based catalog to see if Reed Library has the volume, Fry said. Some books can be checked out, while others are for reference only.

On the library Web site, consumers can find information on general topics and links to national, state and local health organizations, including Ute and other American Indian tribes. The links also lead to certain full-text journals and books and support groups.

One of the Web site features is MedlinePlus, which has information in Spanish and 165 interactive tutorials covering a variety of topics.

The consumer-health project is a cooperative effort of the Fort Lewis College Library, the Durango Public Library and the Southwest Regional Library Service System.

The consumer health information is proving popular with other than novice health-news consumers.

Brook Jenkins, an adjunct instructor of psychology at FLC for 15 years and a psychotherapist in private practice, is fascinated by what she has found on the Web site.

"I got stuck on one link," Jenkins said. "I just love it. I printed out nine articles on current health news."

Jenkins said she will use some of the articles for class. Among her discoveries were articles on predictors of suicide, jobs that appear linked to degenerative brain diseases and cocoa as a way to prevent heart disease and strokes. She's going to take a second look at an article on new drugs derived from crocodile blood.

Reach Staff Writer Dale Rodebaugh here.
Quarterly Report

Name of reporting institution:
Johnson County Library
Tim Rogers, Associate Director of Operations
Box 2901
Shawnee Mission, KS 66201

Project: JoCoHealth.net Community Resource Database

Name of person submitting report: Tim Rogers
Email address: rogerst@jocolibrary.org
Telephone number: 913-495-2459

Reporting Period start date: 04/01/05
Reporting Period end date: 06/30/05

Publicity:
Although publicity and promotional activities were completed for JoCoHealth and MedlinePLUS in general, specific publicity and promotional activities for the NN/LM funded community resource database were not conducted as we are still in the development stage of our project.

Outreach:
Although we presented JoCoHealth and MedlinePLUS at local health fairs and as part of the library's exhibit at the Kansas Library Association's Tri-Conference booth, no specific outreach activities or exhibits were presented featuring the NN/LM funded community resource database as we are still in the development stage of our project.

Other accomplishments:
After receiving proposals in response to our RFP to develop the database and user interface, a local company was selected. The company, Agile Innovations, will develop both the database and the user interface. We have now completed the discovery phase of the database and user interface development, and we have approved a paper prototype of the user interface. An online demonstration and review of the interface is scheduled for July 28, 2005. Additionally, a weekly meeting is scheduled between the contracted service company and the library in order to track progress and ensure the project is meeting the identified needs.

Target audience: None

Goals, Outcomes, Objectives: Not during this quarter.

Evaluation:
The contracted vendor provides a weekly progress update to ensure the database and user interface development are on track.
**Impacts and Observations:**
The project itself is still in development, but as we discuss the future of the project with partners and community members, we have encountered enthusiasm and encouragement.

**Planned Activities:**
Work with the contracted company to complete development of the database and user interface
Develop data formatting standards and content collection procedures
Collect community data, assess process for opportunities for improvement, and draft content maintenance procedures
Quarterly Report

Name of reporting institution:
Mary Lanning Hospital Library
Ella Rathod, Librarian
715 North Street Joseph Avenue
Hastings, NE 68901

Project: PDA in Healthcare Education and Training

Name of person submitting report: Ella Rathod
Email address: erathod@mlmh.org
Telephone number: 402-461-5291

Reporting Period start date: 04-01-2005
Reporting Period end date: 6-30-2005

Publicity:
1. Department of Education Newsletter-June 2005 highlighting two websites for the purchase of handheld devices.
2. Luncheon for Physicians and healthcare workers. Topic: "Online Health Education" by Marty Magee (NNLM-Nebraska Liaison) on PubMed, MedlinePlus and new features.

Outreach:
Weekly meeting of committee members and exchanging ideas. Our IT department at the hospital has been very supportive of the PDA program. At our weekly meeting we learn from each other new (mostly) free software. At the present time, we are using "Merck Medicus". Everyone loves the software. We have used wireless internet, learned how to use presentation bundle and bluetooth keyboard.

Other accomplishments:
As I have previously reported, IT has given us one staff person and purchased the same PDA DellAxium624MHZ for her. She has been working with any technical problems we encounter. She also works with couple of administrators who have purchased the PDA.

Our dietary department contacted us to help them in selection of a software program for dieticians. Our knowledge of handhelds allowed us to do that. The program was for Palm OS and we were able to help them.

Target audience:
Since our pilot project in the hospital, the administration had purchased ten licenses for Physicians for Epocrates Pro and they have distributed to the Physicians. They are looking into buying more licenses for the nurse practitioners and other healthcare professionals.
One of the vice-presidents has purchased one more PDA for a nurse and wants her to try out Epocrates for Nurses. We will include her in our weekly meetings so she can get more familiar with her PDA.

**Goals, Outcomes, Objectives:**
One thing we can say is that the hospital staff and Physicians are getting more familiar with PDA. More and more healthcare workers are asking us about what to purchase, free software, downloads etc.

We are going to have a program for nursing and radiologic technology students as the new semester start and encourage them to use PDA.
Our goal

**Evaluation:**
Our progress has been monitored by the weekly meetings and exchange of ideas. We are more familiar and at ease with our PDA’s and constantly sharing ideas for software, downloads etc.

**Impacts and Observations:**
The faculty of Radiologic Technology staff is using PDA for the satellite sites testing students and checking it off on their PDA. This includes evaluation sheet. The testing is then downloaded on their computers. This has saved lot of time and the paperwork.

**Planned Activities:**
Our goal for next quarter is to introduce students to the PDA technology.
Continue weekly meetings.
Learn to use visual media and download the video clip on the PDA. One of our nursing instructors wants to have ready educational videos at her fingertips. For example, if a student is having problems with IV in Clinical Setting, she can have a video clip handy on her PDA to show the student 'how to'. We are looking into instructional video clip with our own instructors taped on digital camera.
Continue learning the presentation bundle.
DEPARTMENT OF EDUCATION

SATELLITES & EDUCATION INFORMATION

Enjoy the Summer!

TIP-TV HIGHLIGHTS (RP + Ch 19)
05-02 CMIT Reducing the Burden of Allergies & Rhinitis Through Cost-Effective New Insights
06-04 Clinical Dimensions in Nocology/Paranasal
05-03 CT Nowcast 2005
05-16 XR/Mammography. ACR Accreditation - Overview
05-23 XR Medical Imaging is the Metric ARRT
05-30 NARFET Image Quality and Artifact in PET/CT

HIP HIGHLIGHTS (WMA + Ch 21)
06-10 Collaborating to Conquer Colon Cancer: Fulfilling the Promise of Prevention
06-14 Inhalation Anesthesia: Informa Selection, Cost-effective Uses and Clinical Opportunities
For more information, visit www.ganseycancer.com/epitome
For more information, contact Ed at x2861

Upcoming CPR classes:
CPR Renewal - June 15 & July 20, 2005
CPR 1st Aid, Skills Testing - July 20 & Sept. 21, 2005
CPR - July 28 & Sept. 22, 2005
To register or for CPR questions, call Remax at x5128.

Meeting Manners

* Make sure the equipment works and that there is backup if something goes wrong.
* Turn off cell phones, put pagers on vibrate.
* Be prepared - have the right audio/visuals / materials at hand, know your client's preferences and what worked before.
* Prior and proper planning, preparation and practice prevent poor performance.
* Don't forget that the evaluation is part of the meeting - it's your opportunity to get feedback and give thanks where needed.

June, 2005

HANDHELD DEVICE INFORMATION
PDA, Pocket PC and Palm OS are the more common names used for handheld devices.

Are you in the market for a new handheld device or do you have one and would like more information on how to utilize this handy tool? Dr. Daniel Young of Crotonville University Medical Center has created a website with this in mind. The website, http://www.danwyung.org, features many handheld computing resources, presentations and websites for free software to download. MedDuo, http://www.medduo.com, offers free software for handheld devices and is currently a favorite by several Dept. of Education Staff.

Please Join Us:
Emergency Medical Services Night (EMS Night)
The informational sessions are targeted to Emergency Medical Technicians. Any interested healthcare professional is also welcome and encouraged to attend. There is no cost to attend and pre-registration is not required.
July 26 "Sports Injuries" 6:30 - 9:30 p.m
Classroom "C" MSB
For more information, call Crystal x5177.

SUMMER LIBRARY HOURS
Monday - Friday 8:00 a.m. - 5:00 p.m.
Saturday & Sunday Closed
Closed evenings and weekends.
Quarterly Report

Name of reporting institution:
Stauffer Health Sciences Library
Lenora Kinzie
Stormont-Vail HealthCare
1500 SW 10th Street
Topeka, KS 66604

Project: Timely Texts 24/7

Name of person submitting report: Lenora Kinzie
Email address: lkinzie@stormontvail.org
Telephone number: 785-354-5806

Reporting Period start date: 04-01-2005
Reporting Period end date: 06-30-2005

Publicity:
Online Textbook "Timely Texts: 24/7" Grant Resources was promoted at various hospital/medical staff meetings and in individual conversations. As part of this promotion, attendees and individuals were asked which online titles they would suggest for purchase and access via the Library web page. What would they use as part of their practice?

Email attachment is example of first and last page of presentations made to Medical Staff asking for their input for Future "Online" textbook purchases.

Outreach: NONE

Other accomplishments:
Library Director (Lenora Kinzie) attended Medical Staff Department Meetings (April - June) (Anesthesia, Emergency & Trauma Services, Family Practice, Hospitalist, Internal Medicine, Pediatrics, Radiology, Surgery) and promoted online library tools in addition to soliciting "Timely Texts" suggestions.

Presented at QLC (Quality Leadership Council) - Hospital and Clinic Management Session; Cardiology Staff Meeting, Charge Nurse Meeting; IV Therapy Meeting, Respiratory Therapy Meetings; Social Work/Case Manager Meeting; Patient Care Services and Clinic Orientations. Each session reviewed the Library's current online tools and asked for suggestions for "Timely Texts" which will be purchased via grant monies the Library obtained.

Also asked for time to present at new physician orientation. In past they might tour for 2-3 minutes. The Library now has 15-20 minutes slotted on their orientation schedule. This has been an excellent opportunity to promote ALL Library services.
Target audience:
The medical staff is very split between those who won't even read their email to those who are very interested in online access to a multitude of informational services. Will need to sell to both groups. Hospital employee situation is basically the same.

Goals, Outcomes, Objectives:
"Timely Texts" being requested are just about what we (Library Staff) would have suggested for purchase.

Biggest problem so far has been just making time to start.

Evaluation: None at this time.

Impacts and Observations:
The various medical staff presentations were attended by members of the upper management team: Senior VP for Hospital Services; Senior VP & Medical Director; VP for Professional Services; VP for Patient Care Services. They actually heard physician and employee "positive" comments about the Library and Library Services. It was not the Library staff retelling the story...they were hearing from the people who use Library Services. Very positive experience so far.

Planned Activities:
Purchase requested "Timely Texts" from Stat!Ref and other sources if necessary to obtain requested material.

Work with Stormont-Vail's web person to add textbooks to Library web page.

Promote the grant and "Timely Texts" to all medical staff members, hospital staff, clinic staff, and management teams.
The following is the first and last page of presentation for the various Medical Staff Department Meetings. As we came to last page, discussion focused on future additions and the "Timely Texts" suggestions and opportunities.

Stauffer Health Sciences Library

Stormont-Vail Health Care

Library Tools – Access

Citrix    SVNet  Medical Library

Library Web Page  Tools

OR

Physician Portal
Paste tools in “Favorites” - Access anywhere - Fewer clicks
Future
Clinical Decision Tool (UpToDate; MDConsult/FirstConsult)
Electronic Textbooks / Grant (Harrison’s Online, etc.)
More Online Links

- Help with Library Access
  o Stauffer Health Sciences Library
  o 354-5800

- Help with Physician Portal Access
  o IT Administrative Secretary - 354-6348 (access)
  o Help Desk - 354-5430 (questions)
Tribal Connections Four Corners (TC4C)

Arizona Health Sciences Library
University of Arizona
Tucson, Arizona

By Jeanette C. McCray
Arizona Health Sciences Library
University of Arizona
P. O. Box 245079
Tucson, AZ 85724-5079
Voice: 520/626-6121; Fax: 520/626-2922
Email: mccray@AHSL.arizona.edu

Eleventh (11th) Quarterly Report
April 1 – June 30, 2005

Submitted December 28, 2005
Introduction

The purpose of this two-year project is to capture the lessons learned by the partners of the Tribal Connections Four Corners (TC4C) in their collaboration to improve health information access to the Native Americans in the Four Corners region of the United States.

I. Description of Progress toward the Project’s Major Objectives

A. Administrative/Planning Activities

Progress made by various workgroups this quarter:

- Contacts database – John is working with Eccles staff to work out some technical problems that have developed.
- Effective practices – The group will be getting together at MLA to work on adding the lessons learned to the Effective Practices resource.
- Go Local – Arizona data is being moved over to the TC4C Go Local where appropriate. There is now a preview site to see what the data looks like. TC4C Go Local is expected to be live this summer.
- Needs assessment – By mid April, 152 surveys have been collected. Mary Belgarde is working on putting the data in a final form and on the analysis.

The Arizona Health Sciences Library reported on a Tribal Librarians’ conference they held in Tucson March 30 - April 1. There were 15 attendees from 7 tribes. From the Four Corners area, reps from the Navajo, Hopi, and Dine College were present. The conference went very well. At least one attendee was converted from Google searching to NLM searching! There was much interaction between attendees and presenters.

Proposal writing for the next phase of TC4C, now named the FEATHER project, reached a zenith in May, and was submitted on May 27th. Three cheers for Janis Teal and the group involved in putting this together. A detailed description of the process can be found in the appendix.

Discussions have taken place as to what activities will move us forward as funding ends for the TC4C projects and before funding begins (if we’re successful) for the FEATHER project. Ideas focused on Go Local going live and distributing needs assessments results to the participant institutions. In addition, the evaluation effort regarding how well the collaboration worked has yet to begin.

B. Publicity/Marketing Activities

No activity.

C. Product/Resource Development Activities

None.
D. Site Visits/Training/Demonstration Sessions/Presentations
(Include description of the sites and target population)

  [Participants: 2 (1/2 were Native American) – health care providers]
- May 5, 2005 – Chinle Comprehensive Care Center – MedlinePlus, AZHIN,
  PubMed, Native American Databases, Complementary and Alternative Medicine
  Resources [Participants: 20 – health care providers]

E. Exhibits

None.

II. Loansome Doc/Document Delivery Activities

No activity.

III. Evaluation Activities

No activity.

IV. Problems/Corrective Actions. Lessons Learned/Significant Feedback

Nothing to report.

V. Projected Activities for Next Quarter

JULY – SEPT 2005

- Complete planned purchases
- Revised promotional material
- Distribute needs assessment results to institutions
- Go Local will go live!

VI. Reporting Forms for Training/Demonstration Sessions and/or Exhibit Reports

Submitted separately.
Appendix

Tribal Connections Four Corners Planning Group for Future Funding
Submitted by Janis Teal, University of New Mexico

A planning group consisting of Erinn Aspinall, Renee Bougard, John Bramble, Claire Hamasu, Betsy Kelly, Jeanette McCray, Jerry Perry, Heidi Sandstrom, and Janis Teal (facilitator) began teleconference meetings in January 2005 to plan and submit a proposal for funding to continue the work of Tribal Connections Four Corners (TC4C). Fourteen meetings were conducted between January and June 1, when the proposal was completed.

The process followed to develop the proposal is described briefly below:
December, 2004 – Participants at the general Tribal Connections teleconference in December brainstormed project ideas and prioritized those ideas. Projects fell into the categories of Program Expansion, Consumer Health Information, Partnering, and Other.

January, 2005 – The list of project ideas was presented to the quarterly meeting of the Directors of the Four Corners Academic Health Sciences Libraries for further ideas and prioritization using a multiple voting technique. The Directors agreed that the project should be based on the needs assessment results from the latest TC4C project and that the project should “make a difference.” The Directors also discussed possible sources of funding.

February, 2005 – Based on the input from the December teleconference and from the Directors, the planning group drafted initial goals and outcomes and decided that the National Library of Medicine’s Translational Informatics Grant was the best funding to seek based on project ideas. The group drafted a timeline for accomplishing its task of developing a proposal.

March, 2005 – The Planning Group began identifying external reviewers to give input on the proposal as it was being developed and also sought clarification from Valerie Florance about the nature of projects appropriate for funding by the Translational Informatics Grants. To facilitate making a decision about what project should go forward, four Planning Group members developed scenarios for four different possible projects. On March 31, the group agreed to go forward with a proposal for a portal for health professionals. Called FEATHER (Four Corners Education and Tribal Health Electronic Resources), the project includes development of a website, education and training of users including practitioners and librarians in the area, and comprehensive evaluation. The group agreed that New Mexico would be the best site for project leadership and that Janis Teal and Erinn Aspinall from New Mexico would write the majority of the proposal with Jerry Perry and John Bramble writing a literature review and Jerry, John, and Jeanette McCray contributing information about their respective libraries.

April, 2005 – The proposal and budget were drafted and presented to the Planning Group through QuickPlace, the web-based conferencing and document sharing system used by TC4C. The Planning Group discussed issues during their weekly teleconferences. The Planning Group
members also sought input on the draft proposals from the external reviewers and the library directors, and the proposal was adjusted according to feedback.

May, 2005 – The Internal Review Board at The University of New Mexico Health Sciences Center approved the proposal, as did the Controller’s “Pre-Awards” office. A sub-set of the Planning Group met for a celebratory lunch during the Medical Library Association Annual Meeting in San Antonio. The FEATHER proposal was submitted on May 27, four days ahead of the deadline.
Quarterly Report

Name of reporting institution:
J. Otto Lottes Health Sciences Library
University of Missouri-Columbia
329 Health Sciences Library
Columbia MO 65212

Project: Missouri Go Local

Name of person submitting report: E. Diane Johnson
Email address: johnsone@health.missouri.edu
Telephone number: 573-882-6142

Reporting Period start date: 04-01-2005
Reporting Period end date: 06-30-2005

Publicity:
Amanda McConnell, Co-Investigator, demoed MedlinePlus and Go Local in the exhibit area at the Care of the Adult Patient conference held at MU on June 10.

Ted Gallion:
Missouri Department of Mental Health Train the Trainer
Missouri Department of Health and Senior Services Train the Trainer
Missouri Digital Government Summit Presentation

Barb Jones, the NNLM Missouri Liaison, promoted MedlinePlus Go Local at the following conferences & training sessions:
- April 19 Medline Plus/Consumer Health information training in Nevada, MO
- April 20 Medline Plus training, Dr. Burkhart, Sedalia, MO (Federally Qualified Health Center)
- June 3 Leave No School Nurse Behind Conference, Consumer Health Information/Evaluating Health Information on the Internet, Kansas City, MO
- June 7 Leave No School Nurse Behind Conference, Consumer Health Information/Evaluating Health Information on the Internet, Springfield, Mo
- June 15 Leave No School Nurse Behind Conference, Consumer Health Information/Evaluating Health Information on the Internet, Columbia, MO
- June 24 Leave No School Nurse Behind Conference, Consumer Health Information/Evaluating Health Information on the Internet, St. Louis, MO

Outreach:
Reporting form link is passworded. Called Suzanne at RML, who said she'd let me know if any additional information is required.
Other accomplishments:
Amanda McConnell, co-Investigator, recruited and hired the two graduate assistants that will begin work in fall semester.

Community Connection completed programming so that we can now see what Missouri region MedlinePlus Go Local users select.

Target audience: none/no

Goals, Outcomes, Objectives:
When we began recruiting, we discovered that the pool of graduate assistants was much smaller than anticipated. But thanks to Amanda's recruiting efforts, we have located and hired two promising graduate assistants.

Having the Go Local visits broken down by region is great, and should be most helpful later in the project when we begin searching for local specialists.

Evaluation: The statistical report spreadsheet will be emailed to reports@rml4.utah.edu.

Impacts and Observations:
From frostbite (hypothermia) in January to tick bites in April, our most frequently requested topic referral subject reports show how health information seeking mirrors the changing of the seasons in Missouri.

Planned Activities:
Amanda McConnell:
Train students.
Prepare tutorial to distribute in local specialist packets.

Students begin reviewing indexing on existing Community Connection database records and identifying new resources to be added to Community Connection.

Barb Jones: Toward the end of the coming quarter, will begin gathering names of prospective local specialists
### 2005 Community Connection and MO Go Local Statistics

**Report date:** 04/15/05

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>1st Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Connection page views (visits)</td>
<td>18,984</td>
<td>21,249</td>
<td>20,926</td>
<td>61,159</td>
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<tr>
<td>Community Connection unique visitors</td>
<td>9,499</td>
<td>8,707</td>
<td>8,667</td>
<td>23,053</td>
</tr>
<tr>
<td>Page views from MedlinePlus</td>
<td>1,210</td>
<td>1,102</td>
<td>1,206</td>
<td>3,518</td>
</tr>
</tbody>
</table>

**Ranked list of topic referrals from MedlinePlus**

(topic & number of times topic referred from NLM)

- hypothermia 53
- fibromyalgia 32
- Bipolar disorder 29
- Nutrition 29
- Parkinson disease 26
- Cataract 22
- Dizziness and vertigo 20
- Diabetes 20
- Coronary disease 33
- Diabetes 33
- Alzheimer’s disease 21
- Fibromyalgia 21
- Obscure chronic pulmonary disease 18
- Lupus 14
- Air pollution 12
- Multiple sclerosis 12
- Developmental disabilities 12
- Advance directives 19
- Diabetes 17
- COPD chronic obstructive pulmonary disease 16
- Fibromyalgia 16
- Back pain 15
- AIDS 13
- Parkinson disease 12
- Prostate cancer 12
- Child abuse 12
- Diabetes 70
- Fibromyalgia 69
- Hypothermia 54
- Nutrition 50

**Ranked regions selected from Go Local page**

* not available yet

<table>
<thead>
<tr>
<th>Report on unscheduled down time</th>
<th>*</th>
<th>*</th>
<th>*</th>
<th>*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of resources recommended to CC</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>Number of those resources actually added to CC</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>Total number of resources added to CC</td>
<td>28</td>
<td>20</td>
<td>10</td>
<td>58</td>
</tr>
<tr>
<td>Total number of resources deleted from CC</td>
<td>4</td>
<td>77</td>
<td>41</td>
<td>122</td>
</tr>
<tr>
<td>Number of CC records edited/corrected</td>
<td>258</td>
<td>1,149</td>
<td>1,194</td>
<td>2,601</td>
</tr>
</tbody>
</table>

**Major changes/additions to CC database**

* not available yet

**Consumers coming into UM HSC Live ref/Total customers**

| Department of Mental Health focus group | 1/6 | 0/7 | 0/7 |
| Department of Health and Senior Services Meeting | 0/7 | 0/7 | 0/7 |
| Department of Mental Health Meeting | 0/7 | 0/7 | 0/7 |
| Department of Corrections 2,500 CC Brochures | 0/7 | 0/7 | 0/7 |
| Missouri Foundation for Health Meeting | 0/7 | 0/7 | 0/7 |
Quarterly Report

Name of reporting institution:
Health Sciences Library
University of New Mexico
MSC09 5220, 1 University of New Mexico
Albuquerque, NM 87131 0001

Project: Four Corners on MedlinePlus

Name of person submitting report: Patricia Bradley
Email address: pbradley@salud.unm.edu
Telephone number: 505-272-0664

Reporting Period start date: 03-01-2005
Reporting Period end date: 05-31-2005

Publicity:
- March 28--Newsletter completed and sent to Roy Sahali for posting on the Tribal Connections website.
- April 28--Met with the Center for Native American Health at UNM HSC and Canadian First Nations representatives to promote the TC4C project.

Outreach: May 5--assisted Pat Auflick with a health information training session at the Chinle Indian Health Service hospital.

Other accomplishments:
Site visits and needs assessment surveys at:
- March 2—Gallup NM (pharmacists)
- March 4—Gallup NM (physicians)
- March 7—Tuba City AZ (nurses)
- March 11—Shiprock NM (nurses)
- March 23—Gallup NM (physical therapists & nurses)
- March 31—Acoma/Laguna/Canoncito NM

Participated in TC4C conference calls on March 21 and April 18.

Target audience: NONE

Goals, Outcomes, Objectives: Needs assessment group completed 160 surveys of health care professionals in the TC4C target audience. TC4C Go Local directory now has 207 records.


Impacts and Observations: NONE

Planned Activities: NONE at this time.
Introduction
The Utah Go Local Project Team has launched its plan to create a Go Local module to serve MedlinePlus users seeking human services in Utah. To date, progress meets or exceeds the project's timeline, and enthusiasm is still very high among all who are contributing to this effort.

Current staff and their roles
John Bramble and Liz Workman continue in their roles as co-directors. They have hired Camryn Preece Wolfgang to assist them in working with the Utah Cares data that has been exported to the NLM System, as well as other tasks. Camryn has begun mapping the Utah Cares records, as well as modifying them to conform to the project's style guide, so all the data will have a consistent presentation once the Utah Go Local project goes live.

The project team has recruited Chip Willisen of the Hope Fox Eccles Clinical Library as a project reviewer. Chip uses guidelines created by the project team in reviewing records. He will join Liz who is currently reviewing the records Camryn has completed.

Liz and John have created a Website that describes the project, lists all partner organizations and their roles, and includes the needed tools for finding and submitting human services data to the project (please see http://medstat.med.utah.edu/or/golocal/).

John has created some excellent documents to aid Camryn in mapping the records. Ted Gallion of the Missouri project also contributed their mapping documentation. These items have proven to be very valuable in Camryn's work and the mapping process.

Progress in relation to timeline
The Utah Cares data was successfully exported into the NLM System on June 16th. Of the 2131 records within the Utah Cares database, 2109 effectively migrated, which calculates to nearly a 99% success level. We were pleased with this result. Lori Klein sent the remaining 22 records back in an Excel file. We will determine why these did not migrate, fix the problem, and enter them manually into the NLM System.

Go Local staff have begun assigning geographic areas to members of the Utah Library Association’s Health Round Table (HEART) and the Utah Health Sciences Library Consortium (UHSLC) for additional data collection. The proposed mechanisms for data collection are in place, including the online form, data locating tools, and other resources at the project's Website (see http://medstat.med.utah.edu/or/golocal/resources.php).
Project staff have created a working document listing subject gaps for which the Utah Cares data supplies insufficient records. Staff note gaps on this document as they are discovered while working with the Utah Cares records. These gaps will be noted to selectors.

Liz and John have met with HEART and UHSLC members at their organizational meetings to recruit selectors and to give updates on the project’s progress. HEART and UHSLC have received the project, and the opportunity to contribute, with enthusiasm. Thus far, nine selectors have been recruited to gather human services information for 10 of the 29 counties in Utah. Project staff have begun training these selectors by providing and explaining the selection guidelines, pointing them to the data locating tools created exclusively for the project, and explaining how to use the online data submission form.

—Work done to create the site
Project partners have begun final planning for the desired look of the Utah Go Local component. We have looked at the other projects hosted on the NLM server to help us in this process. Liz has experimented with a few prototypes within the Go Local Input System, and has shared her findings with the other project participants. We project to have a final design for the Website header by the end of August.

Because our project will be hosted on the NLM system, our current main focus is to create enough records to populate the Utah Go Local component sufficiently to launch. When Utah Go Local goes live, project staff want users to find ample resources for their needs. Therefore, there has been a magnified effort to export, map, standardize, and review the Utah Cares records. Much effort has also gone into establishing the infrastructure needed for selectors to contribute additional data, and to recruit and train selectors.

To date, Camryn has modified 160 relevant records. The documentation from John Bramble and Ted Gallion has played an essential role in this work. We have discovered that a percentage of the Utah Cares records are irrelevant to Go Local, and therefore these are deleted from the NLM system. The remaining records are passed to the Pending Review list, and await review by Chip or Liz.

To date, Liz and Chip have fully reviewed and approved 66 records for public display in the Utah Go Local Website. Each record undergoes an extensive review to maintain overall data integrity in Utah Go Local. Each agency is contacted to verify its information. Reviewers verify that each record conforms to the project’s style guide, and is mapped to Go Local health topics and service terms. The work of preparing and reviewing records continues daily, as the records completed and approved for Utah Go Local thus increases.
Outreach and promotion efforts
Because the project is in its beginning phase, promotion has been centered on our partner organizations, HEART and UHSLC, to recruit selectors, create enthusiasm, and ready librarians to use and promote Utah Go Local among their patrons once the resource is available to the general public. We have met with each organization, and will continue to regularly meet with them to continue these efforts and to update members on the project's progress.

Summary
We are pleased that the Utah Go Local project is on schedule. There is much work ahead to bring this venture to fruition, and we look forward to completing it. The infrastructure needed to finish our project is well in place, and we are confident that the Utah Go Local resource will be online within the projected timeline.
Quarterly Report

Wyoming Go Local

July 15, 2005

Claire Hamasu  
National Network of Libraries of Medicine, MidContinental Region  
10 North 1900 East  
Salt Lake City, UT 84112-5890

Dear Claire:

The following represents Wyoming Go Local activities since our last report:

• Terrie Wiederich has left the project. Bob Wolverton was hired to replace her and will continue as coordinator of the project. We have several selectors and reviewers who are waiting for records to be entered so they can review them. Data entry is currently being done on a part-time basis.
• The contract for funding from NNLM has been approved, and we are awaiting the establishment of spending authority. In accordance with the grant, we are currently planning to hire students to do data entry and selection during the Fall Semester, as well as support reviewing of the entered records and developing outreach activities within the state.
• To date, 911 records have been completed and approved. 22 records are pending review and 1919 records are waiting selection/data entry.

At this point, we feel that we can complete the first phase of the project this fall. Our goals are to:

1. Prepare the Connect Wyoming database records for import into the Go Local System.
2. Hire students to do data entry for other records already in hand.
3. Continue our efforts to locate other agencies that may be willing to share databases.
4. Expand outreach efforts including revising the brochure and making it more widely available.
5. Convene another Selection Committee meeting and finalize the selection guidelines.

Please contact me if you have any questions. We look forward to the next steps.

Sincerely,

Rex E. Gantenbein, Ph.D.  
Director, CRHRE

Cc: R. Wolverton  
J. Garcia  
R. Kelley, Dean, Health Sciences  
M. Farrell, Dean, Libraries
Quarterly Report

Name of reporting institution:
University of Wyoming Libraries

Project: Community Health Information Partnerships Symposium (CHIPS)

Name of person submitting report: Lori Phillips
Email address: lphil@uwyo.edu
Telephone number: 307-766-3859

Reporting Period start date: 05-10-2005
Reporting Period end date: 07-31-2005

Publicity:
- 3/18/05 Plains to Peak Post –MCR- distributed to members of MCMLA
  SAVE THE DATE announcement.
- Invitation and symposium description sent to Beth Avery of the MPLA board
  encouraging symposium participation.
- Communication with Leslie Boughton, Wyoming State Library Director, encouraging
  participation in the symposium.

Outreach: NONE

Other accomplishments:
Dec. 2004
Planning Committee formed:
Lori Phillips – Associate Dean, UW Libraries – PI and Committee Chair
Jenny Garcia – Medical Librarian, UW Libraries
Mary Henning – Wyoming Liaison, NN/LM-MCR, UW Libraries
Siobhan Champ-Blackwell- Community Outreach Liaison, NN/LM-MCR,
Creighton University
- Preliminary facilities and budget planning takes place

Jan. 2005
- Draft budget submitted to Claire Hamasu
- After investigation of local hotels and conference facilities, the Red Lion/ Wyoming Inn
  is selected as the symposium hotel and the National Museum of Wildlife Art is selected
  as the venue for the symposium events.

Feb. 2005-
- Facilities negotiation and planning continue.
- Invitation and symposium description sent to Beth Avery of the MPLA board
  encouraging symposium participation.
- Program planning continue
March 2005
- Program planning continues
- Facilities negotiation and planning continue.

April 2005
- Next steps in the planning process: still awaiting approval from NLM
  a. Issue a subcontract to the U of Wyoming for arranging for the symposium. Add an evaluation component to the proposal submitted to NLM. Once that is completed Claire Hamasu can have a subcontract issued. We'll assume the budget hasn't changed.
  b. UW Libraries will pay hotel deposit pending NLM approval; it can be reimbursed once the subcontract is signed.
  c. Start the planning process for the meeting.
  d. Alert State librarians that the meeting is being held and invite them to it.

May 2005
- Evaluation plan is drafted with input from committee members and Betsy Kelly, MCR - Evaluation Liaison
- Draft of evaluation plan sent to Claire Hamasu.
- Communication with Leslie Boughton, Wyoming State Library Director, encouraging participation in the symposium.

June 2005
- During the course of other outreach travel, Mary Henning visited Wyoming Inn and the restaurant selected for one of the meals to inspect the facilities and meet with staff. Everything looked fine.
- Program refinement continues.
- Guest list is developed in consultation with planning committee, RML staff.

July 2005
- Evaluation document completed after review and editing from committee members and Claire Hamasu.
- Program planning continues - Valda Boyd Ford selected as opening speaker.
- Café to Go process selected for program.
- Invitations sent to individuals nominated by MCR liaisons and others in the Region.
- Web site development activities
  Content and page design developed for symposium website including information about venue, draft agenda and program content.

Target audience:
- Basic guidelines for the composition of our target audience were set out in the proposal documents.
- Total number of expected participants (50-60) to include:
  - Resource Library Directors - 7
  - Regional Advisory Board Members - 14
  - RML Staff - 12
  - State Library Directors - 6
• Network members
• Invitations were sent to individuals nominated by MCR liaisons and others in the Region. No changes at this time.

Goals, Outcomes, Objectives:
Expected long-term outcomes from the Regional Community Health Information Outreach Symposium:
1. More public libraries will offer health information outreach projects.
2. More public libraries and health sciences libraries will partner in community outreach efforts.
3. More health sciences libraries will offer services to their communities.
4. More health sciences libraries will target a community based organization for outreach services.
5. More community outreach efforts will incorporate program evaluation.

Evaluation:
Project Evaluation document created: (revised 7/26/05)

1. Using Survey Monkey one month before the Symposium date, invited symposium participants will be asked to identify any health information outreach programs and/or community outreach partnerships that their institutions are currently involved in. The survey will also be available at the symposium for any attendees who were unable to complete the survey online. This information will be used to establish baseline data for the evaluation process.

2. In order to identify any projects generated by the Symposium, 2 surveys will be conducted within a one year period, to request information about proposed or active outreach partnerships from the institutions represented at the Symposium. Survey Monkey will be used to conduct the surveys. The surveys will also request participant insights on the differences that the Symposium made or is making in their outreach efforts.

3. At the end of one year, the collected data will be compared to the baseline data for analysis. Survey results will be shared regionally and nationally through posters or papers presented at MLA and MCMLA, through the MCR website, online discussion lists and newsletters.

Impacts and Observations: NONE

Planned Activities:
Finalize program planning and symposium preparation
• Contact speakers
• Contact panel discussion participants
• Review Café To Go process
• Update website
• Monitor RSVP’s from invited guests
• Confirm registrations
• Provide alternate guest list if needed and issue invitations
• Update rooming list and meal planning based on responses
• Produce CHIPS Oct. 11, 2005!
Regional Community Health Information Outreach Symposium

The RML realizes that effective community health information outreach is an important initiative to reduce health disparities. In order to make inroads, it will take more than RML staff. Organizations and libraries may need to increase their knowledge of their importance in providing access to health information in their communities. In addition, it is often difficult for libraries and agencies to recognize who their best community allies are for this outreach. We see the symposium as one of the steps toward building a critical mass of individuals and agencies promoting and providing health information access for communities and community organizations.

The Mountain Plains Library Association and the Wyoming Library Association are holding a joint meeting in Jackson Hole, Wyoming, October 12-14, 2005. The RML plans to hold the region’s outreach symposium on October 11, 2005. This scheduling of the symposium is designed to bring in public librarians who would not ordinarily attend the symposium. The Wyoming State Librarian is calling a meeting of the Western Council of State Librarians on October 12, 2005. This council includes 21 state librarians including the state librarians from the MidContinental Region. The timing will be favorable to have them attend the symposium that will be held on October 11, 2005, as well. Key people from each state will be invited to attend the symposium with the RML supporting their expenses. The RML will subcontract with the University of Wyoming to implement the symposium.

Outcomes
The NN/LM MCR foresees the following outcomes as a result of the regional symposium. These are not immediate outcomes but long term results for which the seeds will be planted at this meeting.

- More public libraries will offer health information outreach projects.
- More health sciences libraries will target a community based organization for outreach services.
- More health sciences libraries will offer services to their communities.
- More health sciences libraries and public libraries will partner in community outreach efforts.
- More community outreach efforts will incorporate evaluation.

Activities
Meeting activities will allow participants to learn about resources and strategies that will assist them in implementing community outreach. One of the comments heard from attendees of the national symposium was that there wasn’t enough time for participant interaction. This was successfully addressed at the GMR symposium in 2003 through small group sessions. The MCR will employ small group sessions to provide participants with the opportunity to learn from each other, to brainstorm, and to network. We plan to include the following activities:

Presentations about:
- RML assistance
- Successful community outreach strategies
- National efforts that have local implications (Libraries for the Future, NCLIS health award)
- Integrating evaluation into community outreach

Small group sessions to discuss issues on carrying out community health information outreach.

Participants (~75)
Resource Library Directors 7
Regional Advisory Board Members 12
State Library Directors 6
Network members 14
Community organization members 6
Speakers (2 outside speakers)
RML staff 12
Librarians attending the MPLA/WLA meeting
Budget

A total of $67,027 is requested for the conference. The University of Wyoming will be subcontracted to organize the symposium for a total of $56,000.

<table>
<thead>
<tr>
<th>Budget for MCR Community Health Information Outreach Symposium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff</td>
</tr>
<tr>
<td>Facilities</td>
</tr>
<tr>
<td>Speakers Honorarium</td>
</tr>
<tr>
<td>AV/Connectivity</td>
</tr>
<tr>
<td>Meeting Materials</td>
</tr>
<tr>
<td>Marketing</td>
</tr>
<tr>
<td>Travel</td>
</tr>
<tr>
<td>Hotel</td>
</tr>
<tr>
<td>Per Diem</td>
</tr>
<tr>
<td>Ground</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
</tr>
<tr>
<td>University of Wyoming IDC (.30)</td>
</tr>
<tr>
<td><strong>Wyoming Subcontract Total</strong></td>
</tr>
<tr>
<td>RML Staff travel to Jackson Hole</td>
</tr>
<tr>
<td>University of Utah IDC (.275)</td>
</tr>
<tr>
<td><strong>RML Travel Total</strong></td>
</tr>
<tr>
<td><strong>SYMPOSIUM TOTAL</strong></td>
</tr>
</tbody>
</table>

Budget Justification

Salary & benefits

- $2,517 Currently the Wyoming Liaison is budgeted for .5 fte. We would like her to coordinate this event in addition to carrying out the objectives designated for the Wyoming Liaison. Ms. Henning expects an additional 80 hours will be sufficient and is willing to increase her fte to oversee details of the symposium.

Meeting Expenses

- $1800 is requested for facility expenses including rental for an auditorium and 2 breakout rooms.
- $2000 is requested for honoraria for 2 outside speakers.
  - Keynote -- to set the tone for the day and present the importance of health information to communities
  - One speaker to discuss national efforts
- $700 is requested for Internet connections and rental of audiovisual equipment, including microphones, computers, data projectors, screens.
- $500 is requested for purchase and/or reproduction of materials for the participants.
- $240 is to cover supplies, postage and a mailer to market the meeting.
Travel Expenses
Full travel expenses is requested for 47 participants

- Air travel is budgeted at an average cost of $475. Because of the limited number of flights out of Jackson Hole we participants will require two nights in a hotel at an average cost of $105 per night. Travel and hotel will cost $685/participant.
- 47 attendees will be offered the standard University of Wyoming per diem of $60 for one day.
- Roundtrip ground transportation via private charter from the hotel to the National Museum of Wildlife is budgeted at a cost of $305

Indirect Cost
University of Wyoming charges an IDC of .30

RML Travel Expenses
Travel for RML staff to participate in the symposium will be $8649.00
IDC for the University of Utah is .275

MCRML goals supported by this symposium
- We will have assisted librarians and individuals working in the capacity of librarians, especially health sciences librarians, to advance health information to the people who need it.
- We will have increased the awareness of and access to biomedical information resources for health professionals and the public.
- Assessment and evaluation will be intrinsic to all regional projects and services.

MCRML program outcomes supported by this symposium
- We will have contributed to the reduction of health care disparities experienced by inner city residents and minority populations.
- The public will be aware of and use NLM resources.
- Medical and public librarians will collaborate in providing consumer health information.
- We will have worked with existing community organizations and with established, effective community gatekeepers to provide access to health information to inner city and minority populations.
Save the Date Announcement 3/18/05 Plains to Peak Post –MCR and distributed to members of MCMLA

- **SAVE THE DATE!**
  - Join your colleagues in the mountains for a special one-day symposium on community health information outreach! The Regional Community Health Information Outreach Symposium, presented through an RML subcontract with the University of Wyoming Libraries will be held **October 11, 2005 in Jackson Hole, Wyoming (pending final funding approval by NLM).** The symposium will be held immediately before the joint Mountain Plains Library Association and Wyoming Library Association Conference.
  - Meeting activities will allow participants to learn about resources and strategies to assist them in implementing community outreach. Small group sessions will encourage participants to learn from each other, to brainstorm, and to network.

  Early October is a lovely time to visit Jackson Hole, and in order to take full advantage of the attractive location, symposium events will be held at the spectacular National Museum of Wildlife Art (http://www.wildlifeart.org/) For more information, please contact Planning Committee members, Lori Phillips lphil@uwyo.edu; Jenny Garcia jgarcia@uwyo.edu; Mary Henning henning@uwyo.edu; or Siobhan Champ-Blackwell SiobhanChamp-Blackwell@creighton.edu
Quarterly Report

Name of reporting institution:
Utah AIDS Foundation
Stan Penfold, Executive Director
1408 South 1100 East
Salt Lake City, UT 84105

Project: Resource Library Health Outreach Kiosks

Name of person submitting report: Aaron Hansen
Email address: aaron@utahaids.org
Telephone number: 801-487-2323

Reporting Period start date: 04-1-2005
Reporting Period end date: 6-30-2005

Publicity: NONE

Outreach:
Because there have been some barriers (see below) in making the kiosks available to the target audience, I have had very limited opportunity to conduct training on the actual Kiosks. However, since we have had a functioning kiosk in our UAF Foodbank, I have been able to conduct one-on-one trainings with clients and volunteers on using the kiosk keyboard, (which is quite different than the usual computer keyboard), as well as the uaflibrary.com website and further information resources available on the internet.

I have attached (via email) a copy of the training manual which has been adapted for both providers (case managers) and users. This document has been provided to providers to assist in educating their clients about the kiosk.

Other accomplishments:
I have learned a great deal in the process of this project. I know now that getting a focus group together at the beginning of the project would have better ensured that the timeline was accurately followed and all planning and training opportunities were capitalized on early. I believe that much of the logistical details were left out of the original proposal; which are now showing themselves as important details.

Luckily, I was able to meet with Molly Youngkin in April and she helped me understand MedlinePlus and some other services offered by Eccles. I had hoped that we could have collaborated further since I have very little experience in conducting trainings and/or information retrieval. I found it hard to coordinate our schedules, but I am confident that there will be many more opportunities in the future to collaborate as the kiosks will continue to operate long after the funding period.
**Target audience:**
Since the initial usage of the kiosk has taken place at the UAF foodbank, I have been able to see first hand some of the boundaries which will need to be overcome regarding training, software, security and information needs.

Many users at this location seem to be simply uninterested in accessing HIV information on the internet. Alternately, some of the surveying that has been done on Kiosk users and UAF clients show there to be real need for access to this information.

I believe that the kiosks will be more successful once they have been available for a while and all the interested parties have been properly trained to use them.

**Goals, Outcomes, Objectives:**
Due to some unforeseen staffing circumstances within the agency, there was some difficulty during the 3rd quarter in receiving computers to run the kiosks. Early in the quarter the Resources Director was forced to take a medical leave of absence. This event made it necessary for me to take on many additional tasks and responsibilities throughout the summer. Unfortunately, the kiosk project was then forced back into a less immediate position in agency business. Therefore, we were unable to order computers until late in the program schedule. Additionally, the kiosk supplier was unavailable for production for one month and has only recently returned to produce the final two kiosk units.

So, obviously these difficulties have set the project back considerably, but they have not put the overall goals and timely delivery of program objectives in jeopardy.

At this time, there is one functioning unit in place and is currently being utilized by clients. There has been some client and volunteer trainings done and more to be scheduled, but the plan is to relocate this kiosk to the Weigand Center location within one week in order to provide resources to the clients at that venue.

In the meantime, training for the case manager at the Weigand Center has begun and she will be ready to assist users once the unit is in place. Once all other kiosks have been placed, then the last unit, which will be a smaller computer station, will be placed in the UAF foodbank.

**Evaluation:**
An initial user survey is now being conducted in the UAF foodbank for all kiosk users. Some of the early data shows that among the UAF food bank clients, about half of them feel like they need more access to online information regarding HIV and other health topics. 80% of them indicated that they already had internet access and that it was relatively easy for them to access the internet regularly. Although this information is still being tallied and collected, I think that it is a good indication that there will be some good usage of the kiosk at UAF. I believe that there will be much more usage at the other locations. I am sure that the UAF clients will show to be more knowledgeable about on-line HIV information than will clients at other locations. This is due to the presence of the HIV resource library in the UAF office.
Impacts and Observations:
Despite the ongoing setbacks to this project I remain confident that the internet kiosks will be placed and utilized by the end of the reporting period even though much of the project will all take place in the final quarter. Additionally, in my communications with the host sites, I have found that the host organizations are eager to receive their kiosk and its resources. Speaking with the director of the HIV Services clinic in Boise, Idaho, I was delighted to hear that they have been preparing a space for the unit and are anticipating the kiosk’s arrival. They feel that it will be a very beneficial resource to their clients.

I will be traveling to Boise this month to make final preparations for the kiosks arrival and setup. This will include provider training as well as hardware setup and support.

Furthermore, the case manager at the Weigand center has also been excited for the additional resource and has been on a tour of the UAF and is vastly more aware of UAF services as a whole.

Planned Activities:
The following is a list of activities which will be completed in the final quarter of the scheduled project activities.

-Next week the kiosk from the UAF foodbank will be moved to the Weigand Center at the shelter. Usage data will be collected throughout the final quarter.
- In August a UAF newsletter will be mailed to all UAF mailing lists to provide promotion and fundraising for the kiosk project.
 -Continue to train volunteers to use, and teach consumers to use, Health Kiosk resources.
 -In August, I will place Health Kiosks in Ogden and Idaho locations
 -Evaluation: Pre- and post-tests to training recipients
 -Provide Health Kiosk training to service providers at Idaho kiosk location
 -Evaluation: Pre- and Post-tests to Idaho training recipients
 -Provide spontaneous one-on-one Health Kiosk training to consumers
 -Once all kiosks are installed, I will meet with other (non-kiosk location) HIV-service providers to demonstrate Resource Library functions and encourage referrals to it
 -Evaluation: analyze (post-kiosk placement) Resource Library web usage data from SiteTracker
 -Evaluation: focus group of consumers to discuss satisfaction with Health Kiosk resources
 -Evaluation: Collect end-of-project data from all kiosk locations on consumer awareness and use of online health information resources
Outreach Activities Report Resource Library Health Outreach Kiosks - Project

RML Q1, 2005-2006

1 Total Outreach Activities
The following information is based on outreach reports of training activities.

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<thead>
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<th>Activities Summary</th>
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<td>Average number of participants:</td>
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</tr>
<tr>
<td>Average length:</td>
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<tr>
<td>Under 1 hour:</td>
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</tr>
<tr>
<td>Between 1 and 2 hours:</td>
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</tr>
<tr>
<td>Over 2 hours:</td>
<td>0 activities</td>
</tr>
<tr>
<td>Hands-on practice:</td>
<td>1 activity (100.00%)</td>
</tr>
<tr>
<td>Conducted remotely:</td>
<td>0 activities</td>
</tr>
<tr>
<td>Offering continuing education:</td>
<td>0 activities</td>
</tr>
<tr>
<td>Significant number of minorities:</td>
<td>0 activities</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type(s) of Organization(s) Involved in Activities</th>
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</thead>
<tbody>
<tr>
<td>Health sciences library:</td>
</tr>
<tr>
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<td>Government agency:</td>
</tr>
<tr>
<td>Hospital:</td>
</tr>
<tr>
<td>Clinical/health care:</td>
</tr>
<tr>
<td>Academic institution:</td>
</tr>
<tr>
<td>Community based:</td>
</tr>
<tr>
<td>Faith-Based:</td>
</tr>
<tr>
<td>Public health agency:</td>
</tr>
<tr>
<td>Other:</td>
</tr>
</tbody>
</table>

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

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<thead>
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<th>Participants Summary</th>
<th>0.0%</th>
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<tbody>
<tr>
<td>Activities at which PI sheet collected:</td>
<td>0.0%</td>
</tr>
<tr>
<td>Health care or service providers:</td>
<td>0 participants</td>
</tr>
<tr>
<td>Health science library staff members:</td>
<td>0 participants</td>
</tr>
<tr>
<td>Public health worker:</td>
<td>0 participants</td>
</tr>
<tr>
<td>Public/Other library staff members:</td>
<td>0 participants</td>
</tr>
<tr>
<td>Members of general public:</td>
<td>0 participants</td>
</tr>
</tbody>
</table>

Session Content

| PubMed: | 0 activities (0.00%) |
| MedlinePlus: | 1 activity (100.00%) |
| ClinicalTrials.gov: | 0 activities (0.00%) |
| NCB: | 0 activities (0.00%) |
| NLM Gateway: | 0 activities (0.00%) |
| TOXNET: | 0 activities (0.00%) |
| Other technology content: | 1 activity (100.00%) |
| Other, non-technology content: | 1 activity (100.00%) |

Significant Minority Population Present

| African American: | 0 activities (0.00%) |
| Alaska Native: | 0 activities (0.00%) |
| Asian and Pacific Islander: | 0 activities (0.00%) |
| Hispanic: | 0 activities (0.00%) |
| Native American: | 0 activities (0.00%) |

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The Utah AIDS Foundation
HIV/AIDS Resource Library
Health Kiosk Project
Contents

1. Introduction…………………………………4
2. What can you find on UAFlibrary.com?…….5
3. What can you find in the library catalog?…..8
4. Further Resources and support…………….11

*This service has been made possible by a generous donation by the following organizations

National Library of Medicine  PacifiCorp Foundation for Learning
Vérité, Inc.  National Network of Libraries of Medicine
DirectPointe Inc.  Mid-Continental Region
  Spencer S. Eccles Health Sciences Library
Health Kiosks will be located at the following locations:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Utah AIDS Foundation</td>
<td>CCS Weigand Homeless Resource Center</td>
<td>Midtown Community Heath Center</td>
<td>Family Practice Med. Center HIV Services Clinic</td>
</tr>
<tr>
<td>801-487-2323</td>
<td>235 Rio Grande Street</td>
<td>670 28th Street</td>
<td>777 N. Raymond St.</td>
</tr>
<tr>
<td>1408 South 1100 East</td>
<td>Salt Lake City, Utah 84101</td>
<td>Ogden, Utah 84403</td>
<td>Boise, Idaho 83704</td>
</tr>
<tr>
<td>Salt Lake City, Utah</td>
<td>(801) 363-7710</td>
<td>801-393-5355</td>
<td>208-367-6228</td>
</tr>
</tbody>
</table>
Introduction

The Utah AIDS Foundation (UAF) Resource Center Kiosk program exists in order to provide individuals with the resources to access accurate, up-to-date and relevant HIV centered information through the Internet. The UAF kiosk will provide information to those who may not have internet access in a private and easily accessible way. By utilizing the web portal page, www.UAFlibrary.com available on the internet kiosks, individuals have direct access to the UAF Resource Center. The UAF Resource Center consists of both a physical on-site library and a web based "Cyber Library". The links on this website allow quick and easy access to HIV related books, magazines, and journal articles, as well as web links to local and national HIV resources for newly diagnosed, people living with AIDS, student research and resources for teachers and professionals.
What information can you find at UAFlibrary.com?

All the websites which you’ll find at www.UAFlibrary.com have been personally reviewed by UAF volunteers and staff in order to ensure that each one is up-to-date and accurate.

The pages within the website have been arranged into categories for ease of use. You can click on a category title to explore the links within the category pages.

Categories include: Living with HIV, Local (Utah) Resources, HIV 101, HIV News, Sexually Transmitted Infections, HIV Prevention, and much more. Clicking on a category will bring you to a news list of links.
Example Category: Living with HIV

From the “Living with HIV” window, you can click on a link such as:

**MedlinePlus: Living with AIDS**

A National Library of Medicine portal to many living with HIV related links. There are links to other web pages with very useful information about clinical trials, coping, alternative therapies, nutrition, disease management, and research.

This will open a new window and direct you to:


**MedlinePlus** is a very useful website and great place to start any search for HIV information.

**MedlinePlus** has links to many other health related issues.
Each category page has helpful links located at the top of the page next to the page title.

These links can be followed to other categories that may be related to the current page or might otherwise be of interest to the user.

At the bottom of each page helpful links can take the user either back to the home page, or to either the “Web Links” page, or the library catalog search page.

Use these links to easily navigate back to the Home page, the Utah AIDS Foundation’s main website, or to the “Physical Library” page, where the user can search for a book or video in the library’s catalog.
**What can you find in the library catalog?**

The Physical Library of the Utah AIDS Foundation is located in the offices of the UAF at 1408 South 1100 East  
Salt Lake City, Utah 84105  

In the library, there are over 500 books, videos, magazines and journals regarding HIV/AIDS, Grief, Emotional and Spiritual Support, LGBT Fiction and Non-fiction, Hepatitis C and much more.

Access the catalog by clicking on the “Search the Catalog” link or from a “Physical Library” link on any page.
Searching the Catalog

The UAF Library Catalog is hosted by the Eccles Health Sciences Library at the University of Utah. Be aware that when searching our catalog, all search results will be presented on the Eccles catalog website and will look different from the actual UAF library site.

Once you arrive at the Catalog search page, enter search terms into the search box to locate materials by keyword:
Once a search term has been entered, a new window will open and will display the results of your search. As before, this new window will look different from the UAF website.

This page will show the items from the UAF collection which best match the search terms that have been entered. All items available in the on-line catalog can be checked out at the Utah AIDS Foundation Resource Library at no charge.

Come in to the library and sign up for a UAF Library Membership during regular UAF business hours, Mon – Fri 9 AM – 6 PM. A library will be issued to allow the user the privilege of checking out books and materials at anytime they are available.
Further Resources and Support

You can find many other on-line resources on the main Utah AIDS Foundation website at www.utah AIDS.org

There is also many great HIV and other health information pages, as well as interactive tutorials at:
www.medlineplus.gov

For Internet tutorials and teaching materials go to:
http://library.albany.edu/internet/

For internet or Kiosk support contact:

Aaron Hansen aaron@utah AIDS.org
Resource Library Coordinator
Utah AIDS Foundation www.utah AIDS.org
1408 South 1100 East
Salt Lake City, UT 84105

(801) 487-2323
(800) 865-5004

For further health access training contact:

Molly Youngkin molly@lib.med.utah.edu
Public Health Utah Outreach
Spencer S. Eccles Health Sciences Library
University of Utah
10 North 1900 East Bldg. 589
Salt Lake City, Utah 84112

(801) 585-3493
COVER SHEET

1. **Title of the Project**
   Medline in the Mountains

2. **Identification of the project if it is a 2003 Access To Electronic Health Information subcontract**
   Yes, this is a 2003 Access to Electronic Health Information subcontract.

3. **Name of Institution**
   Poudre Valley Health System

4. **Location of Institution**
   Fort Collins, Colorado

5. **Name, Mailing and E-Mail Addresses, and Voice and Fax Numbers of Person Submitting Report**
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6. **Inclusive Dates of Final Report**
   June 2003 through May 2005

7. **Date Submitted**
   November 30, 2005
NARRATIVE DESCRIPTION

1. Summary/Introduction:
   Summarize your accomplishments on the project.

   This project provided and enhanced access to electronic health information for consumers in rural and geographically isolated communities along Colorado’s northern Front Range. We assessed the health information needs of library staff, patrons, and consumers; trained library staff and volunteers to provide health information services to library patrons, consumers, and community residents; educated library patrons and consumers on how to identify, access, retrieve, evaluate, and use print and electronic health information resources and services; and enhanced access to electronic health resources for librarians, patrons, and consumers.

2. Geographic region/number of counties:
   List the geographic regions or all the counties that were impacted by the project.

   • This project reached the rural and geographically isolated communities of Berthoud, Estes Park, Red Feather Lakes, and Wellington, which are located along Colorado’s northern Front Range.
   • Berthoud Public Library serves patrons in three counties (Larimer, Weld, and Boulder). The population of the Town of Berthoud is currently 4,839 and the total service area population for the Berthoud Public Library is 11,503.
   • The Estes Valley Public Library District serves a population of approximately 11,000 in an area that includes the town of Estes Park (an expensive tourist destination) and is bounded by Boulder County (south), Glen Haven (north), Drake (east), and Rocky Mountain National Park (west).
   • Red Feather Lakes, a village of approximately 400 year-round residents, is 50 miles northwest of Fort Collins, Colorado, the closest city that offers health services. The Red Feather Lakes Community Library is operated by the Red Feather Mountain Library District whose service population is approximately 3,700 full-time residents in the communities of Red Feather Lakes, Crystal Lakes, Glacier View Meadows, Green Mountain Meadows, Deer Meadows, Hewlett Gulch, Upper Poudre Canyon, and rural areas between. These communities are rural mountain subdivisions in unincorporated northwestern Larimer County.
   • The current population of the Town of Wellington is 3,000 with approximately 3,500 people living in the surrounding unincorporated county area. The Wellington Public Library service area population is 6,000.
3. **Collaborations/Partnerships:**

   *Include names and types of organizations with which there was collaboration at any time during the project. Provide the current status of the partnerships, challenges encountered, and lessons learned.*

- The lead institution for this project was Poudre Valley Health System in Fort Collins, Colorado, which is a locally owned non-profit organization that operates Poudre Valley Hospital (253 beds) and other health services in Colorado, Nebraska, and Wyoming. Poudre Valley Health System’s Medical Library was established in 1979.

- The Berthoud Public Library is a municipal library providing library services to the residents of the Town of Berthoud, Colorado and its surrounding rural area located in southeastern Larimer County. The Library is open 47 hours a week including some evenings and on Saturdays. Along with several dozen volunteers, the Library is staffed by a full time professional library director and a part time assistant.

- The local women’s club formed the Estes Park Public Library in 1916. The Estes Valley Public Library District was formed in 1988, making the Library an autonomous taxing entity. The current library building was constructed in 1991 and renovated and expanded in 2001. The Library is on Estes Park’s main street (Elkhorn Avenue), anchoring the downtown area with the adjacent Estes Park Municipal Building. The Library district employs a staff of 16 (12 FTE) and enjoys the contributions of more than 50 volunteers.

- The Red Feather Lakes Community Library was organized by a local women’s group in 1969 with 200 donated books on shelves in the basement of the community building. In 1986, local donations of land, time, money, and effort provided a new attractive and functional library centrally located in the community. For many years, the Library was operated by a nonprofit foundation and run with a primarily volunteer workforce of over 50 people. In 1995, a part-time library director was hired to help professionalize the Library. In 2001 the Red Feather Mountain Library District was formed; the first year of the Library District operation, visitors and circulation both increased by more than 70 percent over 2000. The Library is open 38 hours a week and is currently staffed by a full-time director and full-time children’s librarian. Volunteers still contribute over 2000 hours annually.

- In the late 1970’s a group of Wellington area citizens began meeting with the aim of establishing a library in the Town of Wellington. The goal was to provide easily accessible library services for those that either couldn't, or preferred not to, drive to Fort Collins to use a library. After much hard work by volunteers, the Wellington Public Library opened in June 1979, with a few hundred used books on the shelves. In 1980 the Library moved into two small offices in the new Leeper Community Center. Ten years later the Library was packed with over 8,000 books crowded into 450 square feet. That led to the 1992 Library expansion, which resulted in the present 1,800 square foot facility.

**Current status, challenges, lessons learned**

With staff turnover at three of the four participating libraries, the current status of the partnerships is limited. We learned that for an outreach project such as Medline in the Mountains to operate effectively, the participating libraries need to be stable in staffing, leadership, vision, and administration. The Poudre Valley Health System librarian
continues to e-mail information of interest to the participating public librarians and is available for informal consultation as needed.

4. **Training:**

   *In the final report, provide a summary of the training events and participants:*
   
   - **Total number of sessions conducted as part of the project** - 16
   - **Total number of sessions in which half or more than half of participants were from minority populations** - None.
   - **Total number of participants in the project’s sessions** - 275
   - **Breakdown of participants by:**
     - *Health care or service provider* - One (primary care physician with offices in Red Feather Lakes and Wellington)
     - *Health sciences library staff member* - One (PVHS medical librarian)
     - *Public/other library staff member* - 22
     - *Member of the general public* - 251

5. **Training sites:**

   *Provide a brief description of training sites.*
   
   - Poudre Valley Health System’s Medical Library is located in The Legacy Center, which also houses the Learning Center and Educational Media Services. This state-of-the-art facility at Poudre Valley Hospital includes four meeting rooms, offices for staff, and a computer laboratory, expanded shelf space for the Library’s collection of books and journals, quiet reading spaces, and a satellite downlink/video viewing room.
   - The Berthoud Public Library has four public Internet stations, four Internet stations for staff, and one shared station. Internet access is supported by an ISDN line.
   - Internet access at the Estes Park Public Library is provided via T-1 line. There are eight Internet workstations for patron use and ten Internet stations for staff use.
   - Red Feather Lakes Community Library has six Internet workstations for patrons and two for staff; all are on a DSL line.
   - Wellington Public Library has three Internet workstations for staff and two for patrons. Internet access is provided via an ISDN line.

6. **Exhibits:**

   *List all the exhibits connected with the projects (if applicable). Include the meeting name, dates, location, estimated number of contacts made, demonstrations given and general impressions of success.*

   --- None.
7. **Resource materials:**

   Provide a brief description of any materials that were developed for training or for promotion/marketing (include newspaper announcements, brochures, etc.). Include copies of materials developed. (Do not send promotional materials developed by the National Library of Medicine) If web-based resources were developed, please provide the URL for the site where the materials are located.

   **URLs for all web-based training materials should also be sent the National Training Center and Clearinghouse (NTCC) for inclusion in the Educational Clearinghouse (http://nnlm.gov/train/).** Provide verification that this has been done or provide a date by which it is expected that URLs of web-based training materials will be sent to the NTCC’s Educational Clearinghouse.

   Web-based training materials developed for this project include the following:

   **Evaluating health websites**
   

   **Searching MEDLINE and associated databases**
   
   [http://www.rfllibrary.org/medline/HowToSearchMEDLINE.ppt](http://www.rfllibrary.org/medline/HowToSearchMEDLINE.ppt)

   **Getting started with PubMed health databases**
   

8. **Web sites:**

   Detail the current status of web sites created as part of the project. Include URL, plans for future maintenance, and impact.

   A web site was created as part of this project: [www.rflibrary.org/medline](http://www.rflibrary.org/medline). This site identifies MEDLINE in the Mountains as a partnership between Poudre Valley Health System and the Berthoud, Estes Park, Red Feather Lakes and Wellington libraries in northern Colorado. The site also identifies the National Network of Libraries of Medicine as the primary source of funding for the project. The web site provides patrons with hints to make their online research easier. They can also learn definitions of basic medical terminology, find links to reliable online sites and databases, and take the user survey. The website is currently being maintained by the Red Feather Lakes Community Library.

9. **Document delivery and reference services:**

   If document delivery services and reference services were provided, please provide appropriate statistics.

   One patron made a phone request through his library’s reference desk for a one-page article in the PVHS library’s collection; the PVHS librarian simply faxed it at no charge.

10. **Approaches and interventions used:**

    Describe the specific steps or activities used in the following areas: identifying and scheduling sessions; promotion/marketing; training; personnel/staffing; web site development.

    We had planned on including a larger number of volunteers in the all-day training session at Poudre Valley Health System medical library, but it was difficult to get volunteers, and in some cases staff members, to commit to such an extensive training opportunity that
entailed a significant amount of time and travel away from their home libraries. Consequently, we trained primarily staff members from libraries at the all-day training, and utilized a train-the-trainer format to train volunteers at their home libraries. Smaller training sessions in each library, rather than large group “classes,” were more adaptable to the local community and could be offered more often and at different times.

The librarians reported that searching for medical information is often a one-time or as-needed activity for patrons. Rather than large group classes, they found one-on-one training to be a more effective ongoing way to train patrons on how to search the Internet for medical information. So the local community libraries followed a similar model of “small group” (1 or 2 people) training sessions to educate patrons and community members on how to search for electronic health information. They found that with this format they could teach people the searching technology as well as basic medical terminology and also assist patrons with more targeted searches relevant to their specific needs.

Many patrons in these rural areas seemed comfortable in waiting until they have a medical emergency before they gather information. However, we believe many patrons could benefit from the kind of information the project offers on an ongoing basis. So we adjusted our marketing strategies to make patrons aware of the value in what is offered. Our activities shifted from just offering classes on "how to search for medical information" to using creative ways of getting patrons into the library where we could introduce them to the technology.

The Red Feather Lakes Library hosted a mini health fair, at which the Medline in the Mountains project was promoted. The Red Feather Lakes Library also offered two community walking events. At these walks, volunteers wore pedometers that were available for check out at the library. When the walk was over, librarians and volunteers showed patrons how to look up additional information and questions using online resources.

11. Evaluation:

_How was the project evaluated? What results were achieved based on the objectives of the project?_

In August 2003, patron surveys were distributed at Estes Park, Red Feather Lakes, and Wellington Libraries. Surveys were used to determine how patrons found health information on the Internet, and their perceived successes and failures in accessing electronic health information. Approximately 300 - 500 patrons saw the survey and a notice explaining the project. The survey was completed by 57 patrons. In addition, Estes Park and Red Feather Lakes Libraries interviewed patrons about their use of the World Wide Web and their interest in training on how to find electronic health information. Most Internet users who answered the survey seemed very confident in their ability to find what they need. Others who were not comfortable searching on the Internet did not see the value of learning how to find information there. In other words, patrons did not appear to differentiate between health information and any other information they search for on the Internet. Patrons who were comfortable with the technology also seemed to assume that they were making sound decisions about the credibility of the information they found.
Pre- and post-surveys were developed to gauge pre-training and website visit information seeking behavior and expected behavior changes. People who took part in trainings and visited the website seemed to be quite sophisticated with Internet searching, well educated, and interested in learning more than they already know. Patrons reported that the website and the electronic medical information resources available were generally very useful and that the project was a wonderful resource for providing up-to-date medical information. The website in particular was a great help in guiding patrons to trusted, authoritative health information. Generally they did not need to learn how to conduct searches. We had little interest from those in the community who were not comfortable with Internet searching.

12. Problems or barriers encountered:
Provide details on problems encountered in the areas of promotion/marketing; training; equipment/telecommunications; personnel/staffing; and web site development.

Staff Turnover: Three of the four libraries changed directors and staff, which literally brought the program to a halt in Wellington and Berthoud. Keeping rural libraries involved in such a complex long-term project was very difficult in the midst of such high staff turnover.

Commitment/Leadership: Most rural librarians are already multitasking at exceptional levels and need to have an incentive to stay on task with grant compliance. Also, lead staff changed in three of the four libraries, which made ongoing commitment difficult.

Staff Training: There was not enough time to cover all sources of online health information in the all-day training session. The PVHS librarian started but didn’t complete a series of e-mail discussions for these; a key stumbling block was that he hadn’t fully researched discussion groups, especially how to identify them.

Patron Training: Many patrons have computers at home, so searching for medical information in privacy is often preferable to attending a large, public class and asking a reference librarian about a potentially embarrassing medical condition.

Equipment/Telecommunications: One staff training session was delayed for an hour due to the host library’s web connection being down.

13. Continuation plans:
Report on how you plan to continue the project. Will all or some of the project’s activities continue? Who will provide the funding and staffing to do so?

In the Red Feather Lakes community, the Library will continue ongoing patron education and training on researching health information online. The Health Walk at Fox acres will continue annually with funding and staffing from Fox Acres as well as donations from local businesses and Red Feather Lakes Library staff. The school health walk will also continue with funding and staffing from both Poudre School District and the Library staff. Formal activities are not expected to continue at the other participating libraries in Berthoud, Estes Park, and Wellington. However, staff at these libraries are trained and knowledgeable about referring patrons to appropriate electronic health information resources.
14. Impact:

*Include information on the perceived and actual impact of the project on the library, institution, or consortium. This can include the effect of the project on the library’s image, increased utilization of the library, etc.*

Most important to the goal of this grant, all the local librarians who participated in this project are better equipped to answer questions about online resources and to help people find health information or refer them to the Poudre Valley Health System medical librarian. Patrons are much more aware of the existence of online health information and are more likely to ask for assistance in finding it. They are also better educated about finding credible health sources.

In Red Feather Lakes, the Health Walks were very well received and sparked an interest in nutrition and exercise among community members. Several other outdoor activities were also generated through the partnerships established as a part of this project. For example, the Fox Acres’ Mutt Strutt and a golf tournament to raise funds for a defibrillator for the local medical clinic ($3000 raised) will continue annually. The schoolchildren in Red Feather Lakes were very excited about the step counters and several of the kids still wear them to keep a log of their activity.

15. Recommendations for improvement:

*Include suggestions for alternative methods, training materials, promotional materials, etc.*

Recommendations from the medical librarian at Poudre Valley Health System include first researching all types of online health information available, then identifying advantages and disadvantages of each resource, and finally determining how to find the resources before providing training.

Another recommendation is to concentrate on wellness activities when the objective is to reach larger numbers of patrons with information, education, and training. While the health walks and wellness activities were very popular among community residents, we had a more difficult time generating interest in the online resource training except from people who were ill or had close friend/family ties to someone who was ill.

16. Responses to follow-up questions (attached):

*If answers to the follow-up questions are contained elsewhere in your report, indicate where they are located.*
FOLLOW-UP QUESTIONS

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

Through the web-based resources and promotional events institutionalized in most participating libraries, this project was successful in providing and enhancing access to electronic health information for underserved consumers in rural and geographically isolated communities along Colorado’s northern Front Range. While our formal, large group training sessions reached fewer library staff, volunteers, and patrons than we originally anticipated, we developed effective small group and one-on-one training strategies that fit the culture of the participating libraries and communities. This training style will simply take more time to reach the full target population.

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?

One component of the project was to partially subsidize Loansome Doc requests from public library patrons. Although this service was advertised to patrons, it was never used. Poudre Valley Health System staff resources were particularly helpful with complex reporting and grant administration, which would have been daunting to all of the librarians given their normal duties in their libraries. Additional information can be found in Question #10 (Approaches and interventions used) of the Narrative Report.

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

We might consider obtaining a 100% agreement from librarians who make a commitment to actively participate in the program. Perhaps it would even be appropriate to use a financial incentive to assure that librarians will complete the project, such as reimbursing the libraries for programs completed. Additional information can be found in Question #12 (Problems or barriers encountered) of the Narrative Report.

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

An important piece of advice for local libraries considering a similar outreach effort is to involve your local health-care providers and partners in the medical community. We found that when a health care provider suggested someone go to the library to get information about a condition, disease, or prevention strategy, then there was much more interest in the resources available. Additional information can be found in Question #15 (Recommendations for improvement) of the Narrative Report.