



# BECKER Medical Library

## Mobile School Health Information (MoSHI) Project



Final Report  
February 1, 2010 – March 31, 2011

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## Executive Summary

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### *Project Results*

- The Mobile School Health Information Initiative (MoSHI) trained 93 people at 8 sites during its funding cycle. Based on demographics from in-class evaluations, more than half of participants served either elementary or high school populations.
- The MoSHI project achieved a 91% response rate for in-class evaluations and a 54% response rate for the follow-up web evaluation.
- The evaluation plan specified 2 short-term and 2 near-term objectives to be measured by the in-class evaluation and a follow-up evaluation, respectively. Data suggest the project met or exceeded all 4 objectives.

### *Lessons about the Audience*

- Continued budget shortfalls in public school districts may limit the availability of qualified school librarians.
  - Some districts are reducing school library positions through attrition or retirement incentives. These districts may then ask remaining employees to supervise 2 or more school libraries.
- Private and charter schools may not necessarily have a staffed library.
  - Charter schools may not have librarians on staff at all.
  - Parochial schools may have parents, volunteers, and retirees staffing the library.
- Child advocates and parents should be aware the connection between teaching and learning requires more than just hiring credentialed classroom teachers. Properly staffed school libraries impact lifetime reading habits and scores on standard tests of reading.

### *Lessons for Health Science Libraries*

- Health science librarians are in a unique position to share knowledge and learn from our colleagues in school libraries. K-12 students are future health care professionals. The number of participants who had never used NLM web sites suggests that health science librarians are missing an outreach opportunity.
- For health science librarians, completing a small project like MoSHI can yield big benefits. There was great interest from our faculty in adapting MoSHI to deliver credible information to patients and community members.

## 2. Geographic Region & Number of Counties

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The MoSHI project reached people in the following 12 counties:

|                 |                  |
|-----------------|------------------|
| <i>Missouri</i> |                  |
| Callaway        | Pulaski          |
| Clay            | St. Charles      |
| Franklin        | St. Louis City   |
| Jefferson       | St. Louis County |
| Lincoln         | Warren           |
| Morgan          | <i>Illinois</i>  |
|                 | Madison          |

Please see the detailed maps of participation by ZIP code at the end of this report. These maps are useful, but static. We used the free Batch Geo web site to make an interactive map of participants: <http://batchgeo.com/map/71fa273bcffdad6e438555202d9f9f76>

## 3. Collaborations/Partnerships

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### **School Outreach & Youth Development, BJC HealthCare, St. Louis, MO**

This office is one of our original allies for K-12 outreach, since 2009. For this project, two educators from this office facilitated the MoSHI curriculum being part of the Explore Health April 2010 event for the Archdiocese of St. Louis school librarians and staff.

**Current status:** School Outreach & Youth Development (SOYD) and Becker Medical Library continue to work together on relevant projects. SOYD personnel will be reviewers for Becker Medical Library's updated strategic plan.

### **Gateway Media Literacy Partners, Inc., St. Louis, MO**

Another local ally working with K-12 audiences, Gateway Media Literacy Partners (GMLP) was also part of our pilot MoSHI class in October 2009. With their assistance, we modeled the media literacy portion of MoSHI training after national media literacy education standards.

**Current status:** Becker Medical Library remains an Institutional Member of GMLP. MoSHI investigator Will Olmstadt was elected to the Board of Directors of GMLP in 2011.

### **Family Resource Center, St. Louis Children's Hospital, St. Louis, MO**

Becker Medical Library has provided the librarian for the Family Resource Center (FRC) for more than 10 years. Presently, that librarian is MoSHI investigator Judy Hansen. Judy's involvement in the MoSHI project enhanced the visibility of the FRC.

**Current status:** The sustainability of MoSHI lies in the continued strength of the Becker Medical Library/FRC relationship. (See this report's section 13.)

#### 4. Training

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OARF are complete and approved for activities under this project. The project proposal estimated we could train at least 100 people, and we came very close to that.

- There were 8 training sessions as part of this project.
- No session had more than half minority participants. However, almost all participants were women.
- There were 93 participants total.
- While the OARF reports 57 participants were Public/Other Library Staff members, and 36 were General Public, these categories were difficult to use because they did not accurately reflect school district personnel. For example, physical education teachers are not “Other Library Staff members,” but it may be misleading in the context of this project to call them “General Public.” Project staff assigned the best category available.

#### 5. Training Sites

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Hands-on training was available at almost all sites, either with on-site computers, or because K-12 personnel had their own laptops.

| <b>Location</b>                | <b>Description</b>                            |
|--------------------------------|---|
| Kirkwood School District       | District office conference room               |
| SLRLN Tech EXPO 5              | Computer classroom at local technical college |
| Mo. Assn. of School Librarians | Conference room at hotel                      |
| BJC Explore Health/Archdiocese | Computer classroom                            |
| MICDS                          | Upper school library training area            |
| Parkway School District        | Middle school library                         |
| Ft. Zumwalt West High School   | High school library                           |
| Ft. Zumwalt North High School  | High school library                           |

#### 6. Exhibits

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MoSHI staff were told to count our roundtable presentation at the American Public Health Association annual meeting in Denver, Colorado, as an exhibit. However, we were part of the Scientific Sessions, not “exhibiting” on the Expo Floor. Regardless, we had 9 people attend the roundtable and the general impression of the MoSHI project was favorable. One attendee was a professor in teacher education courses, and remarked how aspiring teachers get little exposure to finding quality health information, or working with their school librarian.

## **7. Resource materials**

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The main workbook for the course, and a special “idea book” developed with examples of *evaluating web information*, have been submitted to the MidContinental Region offices as requested.

Externally produced marketing collateral is at the end of this report, including a picture of our giveaway items.

We have pictures of events from the beginning of this project, but we refrain from using them widely because they feature the old Medline Plus.

## **8. Web sites**

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At the request of campus public affairs, we quickly created <http://becker.wustl.edu/moshi> for press releases. This site is not intended to substitute for our in-person curriculum or host training materials for download. Training materials have already been provided to the MidContinental Region for deposit in appropriate venues. Becker Library will continue to maintain this site.

## **9. Document delivery & reference services**

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Not applicable to this project

## **10. Approaches and Interventions Used**

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Judy Hansen did the bulk of marketing the MoSHI project to schools. Her contacts were invaluable, and her credibility as a recent school librarian made this project possible. Contact was generally made by e-mail or in person, using a standard description of the course and describing our past successes. (See the follow-up questions for more on this.)

Networking with our collaborators (see section 3) proved to be a successful approach to identifying and scheduling sessions. The BJC School Outreach & Youth Development coordinators approached us about partnering with them on the Explore Health mini-conference with Archdiocesan schools staff. Encouraged by the success of our pilot class, our associates from Gateway Media Literacy Partners suggested that we present at the Missouri Association of School Librarians (MASL) Spring Conference 2010, which led to our workshop there. The MASL community was another key organization for scheduling and marketing the MoSHI project. As a member of the organization, and its subgroup, the St. Louis Suburban School Librarians Association (SLSSLA), Judy Hansen was able to use the MASL listserv to contact school district library coordinators and individual school librarians to market the MoSHI project and offer to schedule sessions. Since contacts from MASL and SLSSLA included private schools as well as public, these efforts broadened the reach of the project and led to other connections. It was an SLSSLA member, for example, who invited us to participate in the St. Louis Regional Library Network’s (SLRLN) Tech Expo in March 2010.

Success breeds success, and the popularity of the MoSHI class had a “snowball” effect. A school librarian who came to the SLRLN’s Tech Expo, for example, approached us about coming to her district’s monthly librarians meeting. A presentation to high school librarians in the Fort Zumwalt School District led to an opportunity to present at a district-wide in-service day that included school librarians and staff from various disciplines and grade levels.

The MoSHI class proved to be adaptable to different audiences. We took care to find out what each group was interested in learning from the sources we were promoting. We tweaked each presentation and the promotion for each event to meet the needs of those participating.

## 11. Evaluation

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The logic model specified a 2-part evaluation, with 2 objectives for each part.

Both evaluations were approved for exemption by Washington University Human Research Protection Office.

The MoSHI project had 93 participants, diligently counted by investigators during training sessions. However, the number of in-class and follow-up evaluations will differ. We could not force participants to complete either evaluation. All responses were voluntary and self-reported.

### *In-class (short-term) evaluations*

In-class or short-term evaluations were packaged with the MoSHI workbook. The evaluation page was perforated at the left so it would tear out of the workbook easily. Participants returned these immediately upon completion of the class. Investigators tabulated these with an Access database created by Will Olmstadt.

We received 85 in-class evaluations from 93 participants, for a 91% response rate.

The in-class evaluations provide data to support that we met the following objectives:

|   |
|---|
| <b>Objective 1a:</b>  |
| At the end of a training session, 80% of participants will have at least one idea about integrating health information resources into their curriculum.                           |
| <b>Measurable indicator:</b> % of participants with at least one integration idea   |
| <b>Target:</b> 80% of participants  |
| <b>Timeframe:</b> Immediately upon completion of training   |
| <b>Result:</b> <u>Met or exceeded</u> . 96% of participants reported leaving training with at least one idea about integrating health information resources into their curricula. |

|  |
|--|
| <b>Objective 1b:</b>   |
| At the end of a training session, 80% of participants will be able to report at least one resource they learned about locating credible health information on the web. |

**Measurable indicator:** % of participants able to report at least one resource they learned  
**Target:** 80% of participants  
**Timeframe:** Immediately upon completion of training  
**Result:** Met or exceeded. Far more than 80% (closer to 100%) of participants *correctly* named at least one health information resource presented during training.

*Follow-up (near-term) evaluations*

At all 8 training sessions, participants were asked to supply e-mail addresses. Depending on when the session was conducted, participants were later e-mailed a follow-up survey using Survey Monkey. We did not send follow-up surveys during the summer since most of the librarians in our population have 9-month contracts. Participants in the early 2011 sessions had to receive their follow-up evaluation before this final report was due.<sup>1</sup> We sent one reminder e-mail via Survey Monkey to non-respondents, typically 1-2 weeks after the initial invitation.<sup>2</sup>

There were some illegible or unusable e-mail addresses, but they are included in the right column below anyway. We received 47 replies from 87 e-mail addresses, for a 54% response rate.

| Location                       | Survey Monkey Replied | Survey Monkey Sent |
|--------------------------------|-----------------------|--------------------|
| Kirkwood School District       | 6                     | 9                  |
| SLRLN Tech EXPO 5              | 10                    | 14                 |
| Mo. Assn. of School Librarians | 2                     | 5                  |
| BJC Explore Health/Archdiocese | 5                     | 17                 |
| MICDS                          | 2                     | 3                  |
| Parkway School District        | 12                    | 22                 |
| Ft. Zumwalt West High School   | 3                     | 3                  |
| Ft. Zumwalt North High School  | 7                     | 14                 |
| Totals                         | 47                    | 87                 |

The follow-up evaluations provide data to support that we met the following objectives:

**Objective 1c:**  
 Three months after training, 50% of participants will report increased confidence in locating credible health information on the web

**Measurable indicator:** % of participants reporting feeling more confident about locating credible health information on the web  
**Target:** 50% of participants  
**Timeframe:** Three months after training  
**Result:** Met or exceeded. 60% of participants reported being “very confident” after the MoSHI curriculum. This was a required question - all respondents answered.

<sup>1</sup> For the entire project, the average time between training and the first follow-up invitation was 88 days, or about 2.9 months, though we could not wait that long for some groups.

<sup>2</sup> For the entire project, reminders were sent an average of 11.5 days after the first invitation.

**Objective 1d:**

Three months after training, 50% of participants will report continuing to use NLM products or MoSHI curriculum materials in their schools.

**Measurable indicator:** % of participants reporting use of NLM products or MoSHI materials

**Target:** 50% of participants

**Timeframe:** Three months after training

**Result:** Met. 32/38 respondents (84%) reported continuing to use Medline Plus for their school, teachers or administrators. The structure of this question on the follow-up evaluation made it difficult to require an answer. All but 5 respondents answered.

*Anecdotal evaluation*

Both evaluations had open-ended questions designed to elicit written feedback. Below is a sample of the comments made:

- “Totally useable information.”
- “...we use this with health classes frequently - our teachers love this resource for all the right reasons...”
- “We have a tool to talk to our chemistry and physical education teachers now. I can’t wait to get back to my library.”
- “I am a middle school librarian and I teach a unit on heart health each semester to my health classes. I shared these resources with the students and teachers.”
- “...have shared it with my school nurse. I even shared it with my husband who is in the Worker's Compensation Claims profession.”

*Surprises*

The two most negative in-class evaluations said the curriculum was too general to be useful, and needed to be tied to a lesson plan. These evaluations were from an event hosted and marketed by one of our community allies. We are uncertain what created the expectation we would use a specific lesson plan. This is a risk when letting external groups coordinate events.

While emphasizing he liked the course, one participant did tell us in class that “some whacko parents don’t trust government web sites.”

**12. Problems/barriers encountered**

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Please see the challenges we describe in other sections of this report:

- Promotion/marketing (addressed in follow-up questions)
- Training (addressed in follow-up questions and section 11)
- Personnel/staffing (addressed in section 13)

### **13. Continuation Plans**

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The main obstacle to continuing the project was locating funds to pay for the ongoing participation of librarian Judy Hansen. Judy is a part-time employee of the Becker Medical Library whose salary is paid by St. Louis Children's Hospital (SLCH) for her position as librarian for their Family Resource Center (FRC). Funds from this award covered the additional hours Judy spent on the MoSHI project, and Becker Medical Library could not provide the wages for those additional hours once MoSHI funding expired.

In January 2011, this situation was addressed through an agreement with SLCH. Judy Hansen will take part in future MoSHI activities as part of her regular job functions. SLCH administration was impressed with the success of the MoSHI project, and views her continuing involvement as a valuable extension of the community engagement goals and overall mission of the Family Resource Center. Judy's experience as a consumer health librarian, former teacher, and school librarian was pivotal to the project's success. This agreement with the administration of St. Louis Children's Hospital removes the key barrier to continuing the MoSHI project.

Will Olmstadt and Bob Engeszer will continue to participate in the project as part of their regular duties at Becker Medical Library. Expenses for additional materials and travel-related expenses will be assumed by the Becker Medical Library.

### **14. Impact**

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For Becker Medical Library, MoSHI has yielded benefits far beyond its funding. The exposure we received throughout the St. Louis metropolitan region as a result of this project has led to additional opportunities to engage the community beyond K-12 schools.

For example, after funding formally ended, we were invited to present the MoSHI curriculum in a local school of education to undergraduate student teachers pursuing their initial Missouri certification. This let us engage the community beyond K-12 schools, reach another generation of students, and keep the spirit of MoSHI alive in a different setting.

The experience gained through this project has also prepared us to work more effectively with our faculty engaged in community-based research. In practical terms, lessons learned from the project will be applied in an NIH-funded project to provide community organizations and health providers with methods for accessing reliable health information. From a perception standpoint, the success of the program improves our credibility with our faculty when we discuss how Becker Medical Library can support their work in the St. Louis community.

The MoSHI project has been featured in university news releases and has greatly increased awareness of our outreach programs in the Washington University community.

## 15. Recommendations for improvement

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This project was designed for a Continuity of Health Information Award for health literacy. While MoSHI did not focus on reading and numerical skills, the training addressed *access to credible health information* in the spirit of paving the way for improved health literacy.

A true study of health literacy improvement from information outreach would require more resources than a Continuity of Health Information Award. Researchers would have to gather baseline data and objective measures of health knowledge (e.g., student grades or teacher evaluations) to reduce the problems inherent with self-reporting. Such research, some of it involving minors, is beyond the mission of Becker Medical Library.

Investigators cannot assert *causation* between our curriculum and results. MoSHI was not designed as an experiment, and permission was not sought from the Human Research Protection Office to link respondents with their evaluations, use true control groups, or obtain baseline data for future comparison.

Given our survey of existing programs in the funding proposal, it seems unlikely there was a competing health information outreach program from a library in the St. Louis metropolitan area during 2010-2011. The *local effort* behind MoSHI was unique. We are also proud of our efforts to measure the *retention* of our curriculum, since much “training” is measured only by one-time, cross-sectional evaluations.

We missed some key evaluation elements. MoSHI gathered no data about participant years of experience or age. We do not have evaluation data to measure the use of health information resources by younger or newer school librarians. The evaluation did not have a simple way of sorting school librarians from other staff, or noting personnel who were in a dual role (e.g., the school librarian and an English teacher.) Such questions emerged over the life of the project, and we were not free to alter the evaluation once approved by Washington University.

The project proposal assumed an 80% response rate for both evaluations. Even with a reminder, MoSHI achieved a 54% response rate for the web follow-up. Informally, we are pleased. Past surveys from Becker Medical Library have had very low response rates. Our institutional policies prohibit offering incentives to participants (e.g., gift cards) to encourage survey completion. Other organizations seeking to replicate MoSHI may have better methods of ensuring survey response.

Several people suggested we apply for official continuing education credit for MoSHI, through the Missouri Department of Elementary and Secondary Education (DESE). Offering this might entice groups or districts to contact us. However, we learned that districts vary widely in their approaches to and requirements for professional development. We will investigate applying for CE authorization if the benefits to our audience balance with the time and effort involved.

We hoped to demonstrate a consumer health curriculum could be delivered to an overlooked audience to (a) increase their confidence with unfamiliar resources and (b) help school librarians champion quality health information in their schools. In general, we feel MoSHI succeeded.

## Follow-up Questions

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1. Please see section 11 of this report. The objectives and timeframes are directly from the project proposal. Data suggest we met all objectives.
2. Please see the lessons we learned in section 15. Our successful strategies are also described in section 10.
3. In addition to the lessons in section 15, if we were starting over:
  - a. We would not *assume* interest from large urban districts, such as St. Louis City.
  - b. Implement a more systematic process for contacting librarians and following up with them based on the school calendar. Attempts to contact librarians at the end of the school year were not successful. Invitations seemed to be forgotten or ignored over the summer. Make as many contacts as possible in August and then follow up at two-month intervals with reminders.
4. What advice would we give?
  - a. Some school districts plan their meetings for librarians a year at a time, and you have to start early to be considered for the agenda. School librarians may have to use meeting time for vendor demonstrations, not professional development.
  - b. Some school districts no longer hire a true “coordinator” for library media services. That responsibility is often left to an overworked superintendent.
  - c. If you are planning a K-12 project, reach out to your local schools and make friends with their librarians. This is essential if you do not have a former school librarian on staff at your medical library.
  - d. Once you have made contacts and done presentation(s), market future opportunities by mentioning all the places you presented and, if possible, mention a specific librarian’s name as a reference (with permission, of course). This demonstrates credibility and makes it clear that your content was relevant to a K-12 curriculum.
  - e. Expect marketing premiums or imprinted items to take longer than estimated.
  - f. For health science libraries, this project yielded benefits disproportionate to its funding. Faculty in academic health science centers pay close attention to work legitimized through grant funding.
5. We have already made well-received verbal presentations about this project at the MidContinental Chapter of the Medical Library Association annual meeting, and the American Public Health Association annual meeting, both in 2010.

For both the 2009 pilot class, and the 2011 completed project, we submitted abstracts for review in the Medical Library Association annual meeting call for participation. Both times, the abstracts were rejected for presentation.

Becker Medical Library is a leader in helping faculty comply with the NIH PAP, and future publications about the MoSHI project will comply.

# Explore Health



The Archdiocese of St. Louis and BJC HealthCare School Outreach and Youth Development invite all teachers of grades 1–6 to participate in this exciting mini-conference focusing on nutrition, fitness, and health education!

Tell Me More!

*Refresh* the way you think about and teach health related topics.

*Discover* how to be more “web health” savvy!

**Innovate** your health curriculum with the most current information from BJC registered dietitians and health educators.

Don't miss the diseased organs presentation!

## Diseased Organs Presentation

See firsthand how human organs are impacted by:

- poor diet
- alcohol
- tobacco
- and other drugs



Free Training

## Details

**Friday, April 30, 2010,**  
**from 8 a.m.-noon**  
Registration and continental breakfast  
8-8:15 a.m.

## Location

### BJC Learning Institute (BLI)

8300 Eager Road  
St. Louis, MO 63144  
Classroom 2F

BLI is located at the intersection of Hanley Road and Highway 40 (*see specific directions attached*).

## Space is limited! Register now!

Contact Julie Dwyer at 314-792-7331 or email at [JDwyer@archstl.org](mailto:JDwyer@archstl.org).



BJC HealthCare

MoSHI presentation in conjunction with BJC School Outreach & Youth Development for the Archdiocese of St. Louis, April 30, 2010



## GOT HEALTH? COLLABORATING WITH INTEGRATED HEALTH RESOURCES

**Session V — Monday**

3-5:15 p.m. extended session in Room 60

**Presented by Will Olmstadt, Judy Hansen and Barb Jones**

**Strand:** Literacy, Collaboration, and Missouri Wonder

Dealing with tough health and science questions? Frustrated with advertising-laden websites with unclear information and dubious authorship? Learn how to connect your school to credible health information on the Web that your students can understand. Three experienced medical librarians will lead this unique workshop. Learn about free resources from the National Library of Medicine and other major agencies. Discover how to integrate credible health information in subjects beyond science and health. Connect college-bound students to professional healthcare literature for advanced science classes. Create collaborations with key personnel using health resources, such as school nurses. Participants will leave the course with ideas and the confidence to put their info into action.

**Audience:** All

## GRAB HOLD OF THE PAST - H.A.!

**Session III — Monday**

9:15-10:15 a.m. in Room 76/77

**Presented by Cheryl Harness**

**Strand:** Literacy and Missouri Author

This workshop is based on Harness' book *Grab Hold of the Past: How Understanding the PAST Adds Sparkle and Depth to Your Life in the PRESENT, Can Enrich Your FUTURE, and Very Possibly SAVE the WORLD*. This workshop will convey the need, individually and nationally, of Historical Awareness (H.A.); entertainingly inform attendees of means and resources for Historical Awareness; and delve into the author's methods and experiences in the course of 20+ years of writing and/or illustrating historical books.

**Audience:** All

## GRANT WRITING 101

**Session II — Sunday**

3:15-4:15 p.m. in Room 72/73

**Presented by Patricia White**

**Strand:** Technology, Literacy, Collaboration, Literature, and Library Management

Writing a grant can be a daunting experience. With this overview of grant writing steps, you will leave with a better understanding of the grant writing process from start to finish.

**Audience:** All

## HARRY S. TRUMAN: MISSOURI BOY MAKES GOOD

**Session V — Monday**

3-4 p.m. in Room 74/75

**Presented by Tom Heuertz**

**Strand:** Literacy, Collaboration, and Missouri Wonder

Harry S. Truman did not have a college degree and accumulated little wealth. In his day, Truman had the lowest popularity rating of any 20th century president, yet historians place him among the top five of all presidents. The Harry S. Truman Library and Museum will present information about Truman's Missouri roots, his character and personality, and remarkable rise to the top leadership role in the world. Selected primary source documents will be shared with session participants that help define this son of a mule trader. This workshop highlights Harry S. Truman's history and proudly displays him as one of Missouri's many wonders.

**Audience:** All

## HEALTHY HEART LESSONS

**Session VIII — Tuesday**

9:45-10:45 a.m. in Room 64

**Presented by Velda McMorris**

**Strand:** Technology, Literacy, and Collaboration

Encore teachers can be great library partners. Collaboration between the librarian and health teachers has raised the awareness of middle school students regarding heart and health issues. This workshop will present how a study of online fast food websites allows students to increase their understanding of how to choose healthier foods and read non-fiction texts. The workshop will also discuss how middle school and high school students can locate health articles in MOREnet resources and evaluate their accuracy and relevance of the information to their well-being.

**Audience:** Middle and High School



Coffee mug and USB drive premiums for MoSHI project

#### HEALTH EDUCATION AND HEALTH PROMOTION NEWS

##### **MoSHI: the Mobile School Health Information Initiative in St. Louis**

Will Olmstadt, MS, MPH, AHIP  
Public Health Librarian, Becker Medical Library  
[olmstadt@wustl.edu](mailto:olmstadt@wustl.edu)

Becker Medical Library, at the Washington University School of Medicine in St. Louis, is the recipient of Continuity of Health Information funding from the National Network of Libraries of Medicine.

Principal investigators Will Olmstadt, Bob Engeszer and Judy Hansen are funded through February 2011 to deliver MoSHI, the Mobile School Health Information Initiative.

Using a "train-the-trainer" model, investigators will work with K-12 librarians in the St. Louis metropolitan area. The goal is to connect K-12 librarians with credible health information on the Web, creating health information champions who confidently locate and integrate health information across the K-12 curriculum. MoSHI also emphasizes successful collaborations with school nurses, counselors and administrators.

MoSHI highlights free, credible resources from the National Library of Medicine, including MedlinePlus, Genetics Home Reference, Household Products Database, ToxTown, and others. It also features in-depth overviews of KidsHealth.org from Nemours.

The MoSHI course also practices strengthening media literacy skills to evaluate health messages, consistent with grade-level expectations for Missouri schools.

Participants will evaluate the course in person and during three-month follow-up Web surveys.

The project builds on the success of a pilot course investigators taught in October 2009.

[RETURN TO TOP](#)

##### **Institute of Medicine Elects 65 New Members, Five Foreign Associates**

Christine Stencel, Senior Media Relations  
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Judith Shamir, Director, IOM Council and Membership  
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WASHINGTON -- The Institute of Medicine announced the names of 65 new members and five foreign associates in October in conjunction with its 39th annual meeting. Election to the IOM is considered one of the highest honors in the fields of health and medicine and recognizes individuals who have demonstrated outstanding professional achievement and commitment to

**American Public Health Association  
Public Health Education & Health Promotion section newsletter, Winter 2010**

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- >> **Record** News for the WUSTL Community

## Becker Library helps area school librarians

February 11, 2010

By Beth Miller

Forward Facebook this Tweet this Share more

With the vast amount of health information available online, it can be difficult to know what resources are credible.

To help area schools address this issue, the Bernard Becker Medical Library will provide free health-information training sessions for St. Louis-area elementary, middle- and high-school librarians. The sessions are made possible by a Continuity of Health Information Award from the National Network of Libraries of Medicine.



WILL OLMSTADT

Area librarians from area elementary, middle and high schools came to the Bernard Becker Medical Library at the School of Medicine last fall to learn about how to find credible health-information information on the Web.

The program, called **Project MoSHI** (the Mobile School Health Information Initiative), is based on a pilot course the library offered last fall in partnership with the BJC School Outreach & Youth Development and Gateway Media Literacy Partners.

The class is designed to connect K-12 librarians with credible online health resources that they can share with teachers and students at their schools. For example, the school librarians learn about Medline Plus, the National Library of Medicine's Web site, and KidsHealth.org, so they can direct students to those sites for credible health information. The librarians will also learn curriculum integration techniques and practice evaluating health Web sites using principles of media literacy, a concept required in Missouri Grade-Level expectations for schools.

The class is the brainchild of Will Olmstadt, a librarian at Becker and one of the class' teachers. He designed the class after he heard from two area librarians that they needed to learn about credible health Web sites. In the fall, Olmstadt and Judy Hansen, a part-time librarian at Becker Library and a former Kirkwood School District librarian, taught a pilot course at Becker Library. The pilot was such a success that Olmstadt, Hansen and Bob

### RELATED CONTENT

#### Categories

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#### Topics

School of Medicine, Bernard Becker Medical Library, National Network of Libraries of Medicine, Continuity of Health Information Award, K-12 librarians, Will Olmstadt, Judy Hansen, Bob Engeszer

Media literacy is a critical thinking skill that is applied to the source of much of our information: the channels of mass communication.



As such, media literacy has emerged as a survival skill that empowers individuals to decipher media messages.

## Becker Library Announces Mobile School Health Information Initiative

by JILL FALK on FEBRUARY 16, 2010 in NEWS AND EVENTS



A new program from the **Bernard Becker Medical Library**, an institutional member of GMLP, targets librarians to help school children understand and access relevant health information. It's called the **Mobile School Health Information (MoSHI) Initiative**, and

incorporates three key collaborators:

- **BJC School Outreach & Youth Development**
- **Family Resource Center, St. Louis Children's Hospital**
- **Gateway Media Literacy Partners**

For more information, and to see a list of proposed activities, visit [this link](#).

### Share and Enjoy:



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About Jill Falk

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## Gateway Media Literacy Partners press release

## TECH EXPO 5 WAS A GREAT SUCCESS

This year's Tech Expo was held on March 30 at Ranken Technical College. About 40 librarians from across the St. Louis Metropolitan Area attended. There were presentations on Internet Safety, Copyright in the Digital Age, E-books, Online Health Resources, and MO Webjunction. Classes were well attended, and attendees were pleased with the content.



*The impressive main building of Ranken Technical College*

One of the more popular programs was the presentation by **Roger Bower** and **Cindy Marston** of the Principia School. They donned medieval-themed hats to lead their classes on an imaginary quest through the Land of Copyright. Fun and games aside, their presentation was full of useful information, particularly about Creative Commons licensing, which is the method for increasing the amount of creative content



which is available to the public for free and legal sharing. Check it out at [www.creativecommons.org](http://www.creativecommons.org). The Internet Safety class was handled by **Cindy Schroeder**. Cindy is with INOBTR (pronounced I know better), an organization which, in partnership with government and private citizens, promotes awareness and educates children, parents and teachers to reduce the chance of children becoming victims of Internet crimes. There's plenty of good information at their site, [www.inobtr.org](http://www.inobtr.org).



**Asia Gross**, Electronic Resources Librarian with Missouri Library Network Corporation (MLNC) spoke about e-books in libraries. Her presentation featured a lot of pluses and minuses. It may not have given us exactly what we need to make a decision about moving toward using e-books in our libraries, but it certainly gave us more information to use in making the decision one way or another. She noted that there is a very good chart comparing most of the available e-book readers at

Wikipedia. Just visit [www.wikipedia.com](http://www.wikipedia.com) and search 'e-book readers.'

**Will Olmstedt** with Becker Medical Library and **Judy Hansen** from St. Louis Children's Hospital Family Resource Center led a session on finding credible and understandable health information online.



**Jean Morrison**, Technology and Electronic Services Consultant with the Missouri State Library, and **Sarah Easley**, Continuing Education Librarian, introduced MO.Webjunction, an online venue for Missouri Librarians to connect and share, and to learn about conferences, workshops and online classes. Register your library by visiting [www.mo.webjunction.org](http://www.mo.webjunction.org).

Attendees relaxed and socialized over a lunch provided by The Art of Entertaining.



The final session of the day was a panel discussion of the uses of social networking in libraries. Panelists were **Ellen Eliceiri** of Emerson Library at Webster University, **Asia Gross** of MLNC, **Tom Cooper** of Webster Groves Public Library, **Chris Durr** of Kirkwood Public Library, **Gabrielle Corley** of Webster Groves School District, and **Lisa Wolfe** of Jefferson College Library. After initial presentations, a lively discussion ensued, centered around issues such as privacy of library users, especially children, when a library uses social media to document its events; the wisdom or effectiveness of making policies against using social media; and how to find staff time to create and maintain social media sites.



St. Louis Regional Library Network is a non-profit membership organization dedicated to helping librarians in the Greater St. Louis Area meet, share and network. The Network has been active since the 1970s and currently has over 100 members, including public, academic, school, special and corporate libraries. For more information visit our Website at [www.slrln.org](http://www.slrln.org), or e-mail us at [bchristiansen@ursulinesl.org](mailto:bchristiansen@ursulinesl.org).



# FZW Library

## FZW Library Home

### Library Stuff

- Library Announcements
- Library Info
- Library Pix

### Meet Your Library Staff



[Click here to read about](#)  
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Mrs. Grieshaber,  
and Mrs. Benwell

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### Read for the FUN of it!

- Gateway Readers Award
- Gateway Reader Selector Committee
- What We're Reading
- Anime + Manga Club

# 4

days since  
Gateway Readers  
Award Party

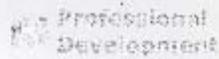
## Useful Links

Showing 7 items

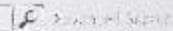
| Name                                     | Link  | Description  |
|--|---|--|
| Genetics Home Reference                  | <a href="http://ghr.nlm.nih.gov">http://ghr.nlm.nih.gov</a>                             | Provides summaries of 400+ genetic conditions from experts.  |
| Homework Help - Multnomah County Library | <a href="http://www.multcollb.org/homework">http://www.multcollb.org/homework</a>       | Homework and research help on a variety of topics.   |
| Household Products Database              | <a href="http://householdproducts.nlm.nih.gov">http://householdproducts.nlm.nih.gov</a> | Chemical and manufacturer information on 10,000+ consumer brands.  |
| KidsHealth                               | <a href="http://kidshealth.org">http://kidshealth.org</a>                               | Information about health, behavior, and development from before birth through the teen years. Includes sections for teens, kids, and parents. Another good source for research and topics.                   |
| MedlinePlus                              | <a href="http://medlineplus.gov">http://medlineplus.gov</a>                             | Provides reputable, evaluated links to health info on over 800 topics. Includes information on drugs and herbal supplements. Excellent source for persuasive research. Good place to browse for topic ideas. |
| National Public Radio                    | <a href="http://www.npr.org">http://www.npr.org</a>                                     | News & Analysis - World and US, Music & Arts   |
| St. Charles County Public Library        | <a href="http://www.youranswerplace.org">http://www.youranswerplace.org</a>             | Download AudioBooks and EBooks, place reserves on books, access databases. Please note: your library card number is needed for all of these tasks.   |

Showing 7 items

Fort Zumwalt West High School put MedlinePlus, Household Products Database, and Genetics Home Reference on their "Useful Links" web page



All Sites



Home > Administration and Instruction > Professional Development > Courses > Free Health Resources Workshop

## Courses: Free Health Resources Workshop

How Item | Add Page | Edit | Event

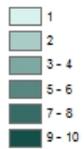
|                    |   |
|--------------------|---|
| Course Title       | Free Health Resources Workshop  |
| Course Description | Are you dealing with tough health and science questions in your curriculum? Are you frustrated with advertising-laden websites? Learn how to connect your school to credible health information on the Web that students (at all levels) can understand. Learn how to evaluate real able health information in subjects beyond health and science. Create collaborations with key personnel and help students learn how to evaluate the reliability of a website. You will leave the workshop with fresh ideas and the confidence to put them into action. This course is being taught by Judy Hansen, MAEd, PLS and Will Ormstadt from St. Louis Children's Hospital's Family Resource Center. |
| Instructor         | Cindy Miller  |
| Location           | North High School Library   |
| Available Seats    | 45  |
| Start Time         | 2/18/2011 9:00 AM   |
| End Time           | 2/18/2011 10:30 AM  |
| Course Materials   | None provided (Instructors, upload here)  |

Created at: 1/26/2011 8:15 AM by Cindy Miller  
 Last modified at: 1/26/2011 8:39 AM by Cindy Miller

### Course Registration List

1. Cindy Miller
2. Prohomenko, Kathleen
3. Dudley, Susan
4. Bell, Cindy

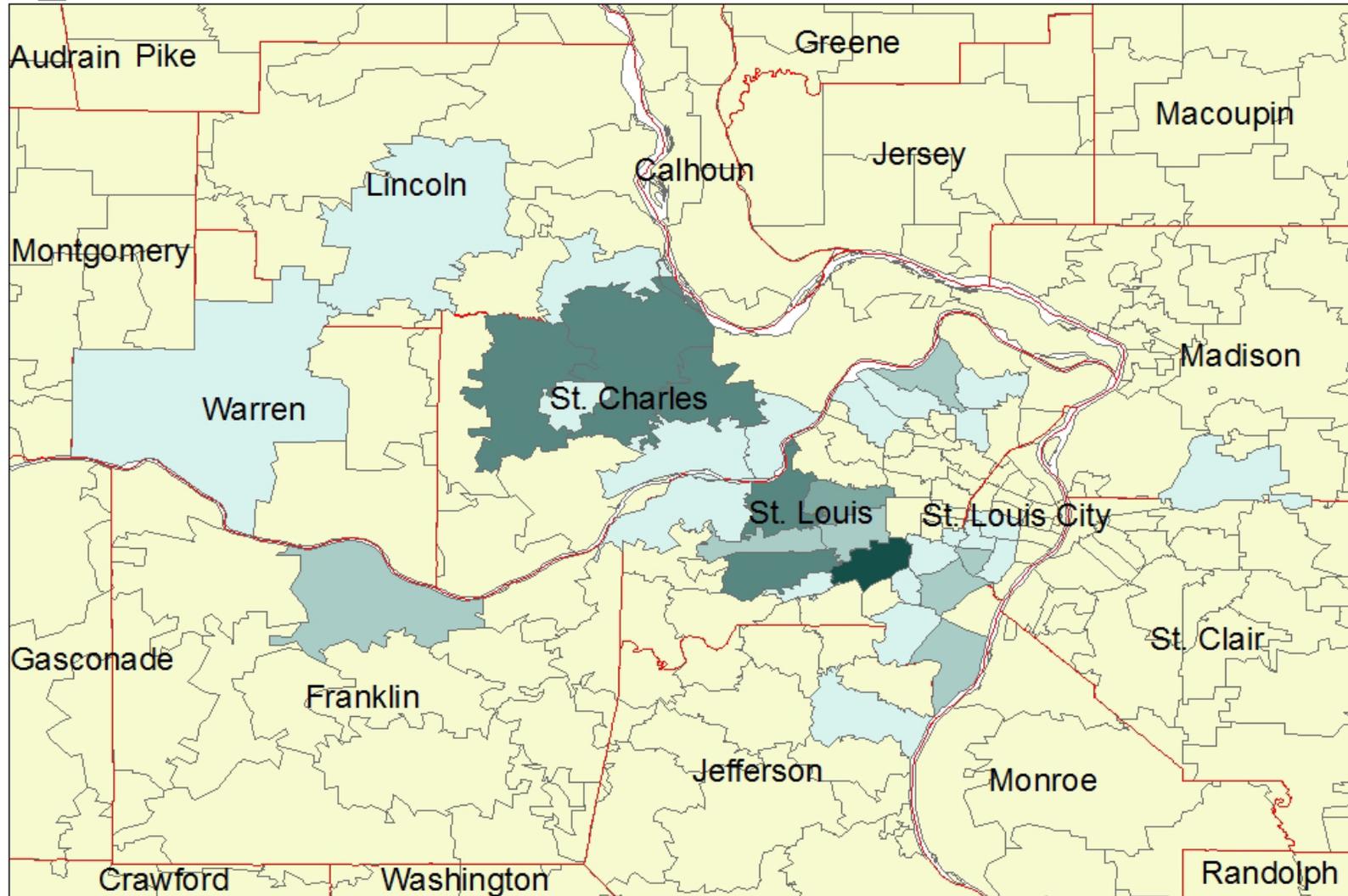
Participants



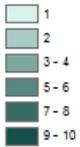
### Metropolitan Impact by Participant ZIP Code



March 2011



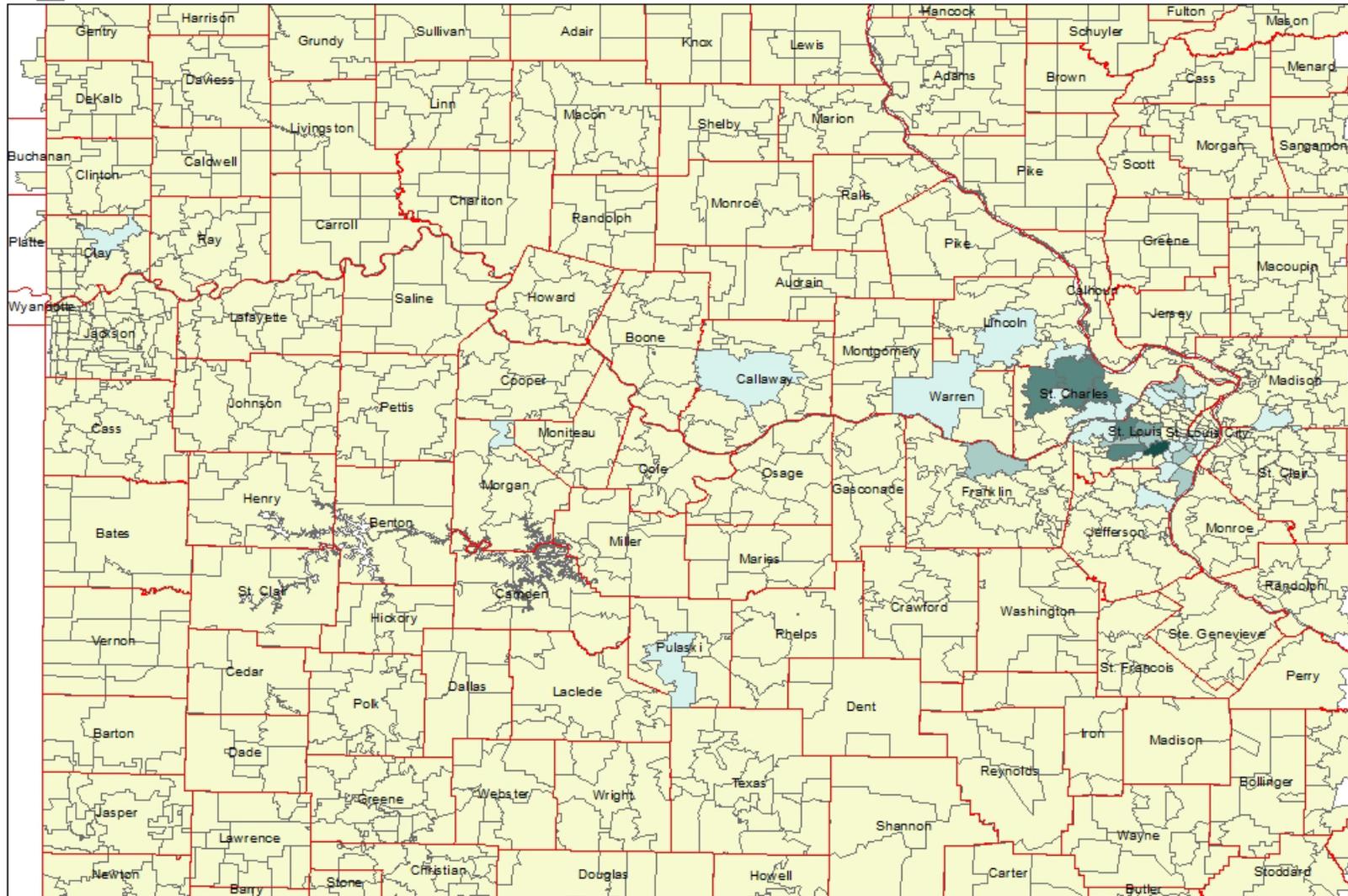
Participants



# State Impact by Participant ZIP Code



March 2011



# MoSHI

Mobile School Health  
Information Initiative

The MoSHI team gratefully acknowledges help from:

Robert Altman, Becker Medical Library  
Harriette Arkin, Consultant, Ladue Schools  
Jessica Brown, Gateway Media Literacy Partners, Inc.  
Bernyce Christiansen, Ursuline Academy of St. Louis  
Kristin Cunningham, BJC School Outreach & Youth Development  
Eve Diel, Parkway North High School  
Mary Evans, Nipher Middle School  
Rose Kettler, Becker Medical Library  
Lynne Lang, BJC School Outreach & Youth Development  
Angela Lima, BJC School Outreach & Youth Development  
Cindy Miller, Fort Zumwalt North High School  
Maggie Newbold, Fort Zumwalt West High School  
Ann Rogers, DeVry University, Dallas/Irving  
Michelle Schmitt, Ladue Horton Watkins High School  
Katie Voss, Mary Institute & St. Louis Country Day School  
Bill Winston, Washington University GIS Analyst

Siobhan Champ-Blackwell, MidContinental Region

Becker Medical Library staff  
Family Resource Center staff, St. Louis Children's Hospital