Forming Partnership: Health Sciences Library Collaborates with Community Colleges to Create Interactive Training Tools

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First Question
Agenda

• NN/LM Outreach and Funding
• Why Community Colleges?
• Purpose of Project
• Phase I
  – Needs Assessment
• Phase II
  – Modules
• Phase III
  – Feedback
• Lessons learned
• Future
National Network of Libraries of Medicine

- National Library of Medicine
- NN/LM
  - Provide Outreach/Support to provide health information services
  - Training and professional development opportunities
  - Funding for health information outreach projects
- http://nnlm.gov/
Resources for Members of the National Network of Libraries of Medicine (NN/LM) Southeastern/Atlantic Region (SE/A)

Supporting collaboration among 32 Resource Libraries and over 1,000 information centers.

Please click on the state name to find specific information resources in the states of:

Alabama
District of Columbia
Florida
Georgia
Maryland
Mississippi
North Carolina
Puerto Rico
South Carolina
Tennessee
U.S. Virgin Islands
Virginia
West Virginia

The NN/LM’s goal is to enhance access to health information for health professionals and the public.
Funding Opportunities in the SE/A Region - Not all SE/A funding opportunities listed on this page are currently available, please go to our current funding page for all currently available funding opportunities.

SE/A Funding

- Outreach to Health Professionals Projects - Not Available for the 2015-2016 year
- Consumer Health Outreach Projects - Not Available for the 2015-2016 year
- Express Library Technology Improvement Award
- Express Hospital Library Promotion Award
- Express Training Award
- Express Library Digitization and Conservation Award
- Express Outreach Project Award
- Health Literacy Pilot Project Award
- Community Technology Improvement Award
- Express Planning and Assessment Award
- Express Outreach Follow-Up Award
- State and Regional Exhibiting Award
- Information Technology and Policy Awareness Award
- Express Mobile Technology Project Award

All awards issued under the NLM Contract with the University of Maryland, Baltimore are subject to the Government’s availability of appropriated funds in compliance with Federal Acquisition Regulation (FAR) 52.222-18, Availability of Funds. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.
Training and Educational Opportunities

Upcoming Online Training Opportunities

October 19 - November 20, 2015 - The Canny Consumer: Resources for Consumer Health Decision Making
October 26-November 20, 2015 - Super Searcher/Enhancing Your Online Super Searcher Powers
November 23 - December 14, 2015 - Combating Information Fatigue: Health Information Resources for Veterans
November 30 - December 18, 2015 - Cool Creative Communications: Dazzling Data Visualization

More Information about additional Consumer Health Information Specialization Classes being held in 2015

Registrations for online classes are accepted up to 1 week after start date of the class, unless otherwise noted.

Please go to our class registration page to register for our online classes. If you need additional information about any of our classes, please email the SEA and one of our staff will respond.
Why Community Colleges?

• Community College Outreach

Goal: Improved health information access in community colleges for librarians, students, faculty & staff for their academic program.
Purpose of doing outreach

- **First Year 2013-2014**
  - Express Planning and Assessment Award
  - $6000
    - Build a relationship between the Health Sciences Library (HSL), the Institute on Aging (IOA), community college
    - Perform a needs assessment of health information needs
    - Determine the feasibility of a future outreach project with specific populations or with unaffiliated health professionals

- **Second Year 2014-2015**
  - Express Planning and Assessment Award
  - $10,000
    - Respond to the health information needs identified in the survey results
    - Create an interactive tutorial
    - Test the interactive tutorials with the students and faculty
PHASE 1: Health Information Needs Assessment
Collaboration
Nursing programs and Occupational Therapy programs with an emphasis on geriatric education

• Lee County
• Rural area
• (26% Hispanic and 28% Black or African American)
• Nursing Librarian

• Durham County
• Urban area
• (14% Hispanic and 41% Black or African American)
• Librarian and OT Professor
Collaboration

North Carolina Institute for Public Health
Surveys

- Distributed in print and electronic format
  - Faculty
    - 12 Questions
  - Students
    - 17 Questions
- 165 Student surveys
- 16 Faculty
Results

• Majority of students listed Google, MedlinePlus, PubMed, and Wikipedia as their top five online resources.
• The use of Wikipedia goes down the longer they are in school (17 students use it their first semester, while only 5 use it on their 4th and 5th semester).
Results

• Interest in different types of learning activities changes depending on which semester they are in.
• Third semester students (28) are more interested in case studies, while first semester students (17) are interested in tutorials
Results

• Majority of the faculty who teach in the Assistant Degree Nursing Program and Practical Nursing teach with case studies and simulation tools/software.
Conclusion of Results

• Students and faculty want interactive tutorials
• Second phase
  – Create interactive tutorials
  – One for each community college
Phase II: Interactive Modules
Second Question
Central Carolina Community College
- Partner: Librarian
- Audience: Nursing students
- Focus
  - Consumer health resources for patients
  - Professional development

Durham Technical Community College
- Partner: OT professor and librarians
- Audience: OT practitioners & students
- Focus
  - Research skills
  - Evaluation of information quality
Third Question
Let’s make it interactive!

North Carolina Institute for Public Health
Communication is key

Community Colleges
- Asked for input throughout process
- Level of involvement varied

Institute of Public Health
- Set the timeline
- Understanding interactive components of the software

Our Team
- Consistent meetings
- Take advantage of each other’s talents to create a strong team
Case Study #2

Helping Michael, a diabetes patient, use NIH Senior Health
Introduction

NIH Senior Health was developed by the National Institute of Health with input from seniors on what topics and special features they would prefer.

Click an item on the screen you want to learn more about.
Introduction

As a future healthcare provider, there will be times in your practice when you need more information on a topic in order to make better decisions.

There are several questions you should always ask when evaluating information.

*Click next to learn more.*
You enter the following search into Proquest: **Smoking AND Hypertension**

Which picture depicts the results you will retrieve? **Select one, then click “submit”**.

- **A**
  - Smoking
  - Hypertension

- **B**
  - Smoking
  - Hypertension

- **C**
  - Smoking
  - Hypertension
Phase III: Feedback
Feedback

• What was your overall opinion of this module?
• What did you like?
• What was helpful?
• What could have been improved?
• How will this help your practice as an OT practitioner (or nurse)?
• Any other thoughts?
“I liked that it was interactive, it kept my attention better that way. I also liked that it had knowledge checkpoints and gave an explanation after an answer was chosen.”

“It also would have been cool to be more interactive (not sure that is possible) and be able to physically type the info into the boxes. Doing is often more useful and helpful than watching. If the listener can't be interactive, this module is 2nd best!”
Feedback – Clear & Concise

“I really liked that it gave examples throughout the module and provided audio instead of having people read through each slide. It was also nice and condensed.”

“In the past I have taken some incredibly long and dull modules. This one was easy to look at, listen to, and follow AND was less than 50 slides. I think its a winner!”
Feedback – Specific to the User Group

“I love how it has practical examples of searches we will use in the field, including CVA and NDT. It's nice to have something cater to our program specifically.”

“In the past, my advanced searches were pretty basic. I feel like this will help me to better find the information that is applicable and I intend to make a practice of using scholarly research more often. Using the best research available will help me to become a better OT practitioner.”
Lessons Learned

• Relationships (Take time and effort)
• Communication/Schedule
• Tight timeline/Deadlines
• Writing the script vs. dialogue
• Finding good collaborators within library, institution, and community
• Open mind
Future Plans

• Pilot testing in both community colleges in process
• Expand to other Community Colleges
• Use technology for our own purpose
• Seek other funding opportunities and other projects
Brief Example of Interactive Tutorial
Thank you!

Any Questions?