Inspiring Partnerships with Community Colleges: Results and Lessons Learned

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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/
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

UNC Health Sciences Library

UNC Institute on Aging

National Network of Libraries of Medicine
nnlm.gov

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
Any questions?
Phase II: Interactive Modules
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
Resources:
Showcased

Central Carolina Community College
- MedlinePlus®
- NIH SeniorHealth
- NC Health Info
- PubMed

Durham Technical Community College
- ProQuest
- Ovid®
- Ovid Nursing Full Text Plus
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
Central Carolina Community College

Finding Free Patient Education and Professional Development Resources Online

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.
Evaluating Information

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

B

C

Smoking Hypertension

Smoking Hypertension

Smoking Hypertension
Any questions?
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?
• Any other thoughts?
Feedback – Interactive Components

“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!”
“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
  – http://nnlm.gov/sea
Thank you!

Any Questions?