

# **Inspiring Partnerships with Community Colleges: Results and Lessons Learned**

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# Acknowledgement

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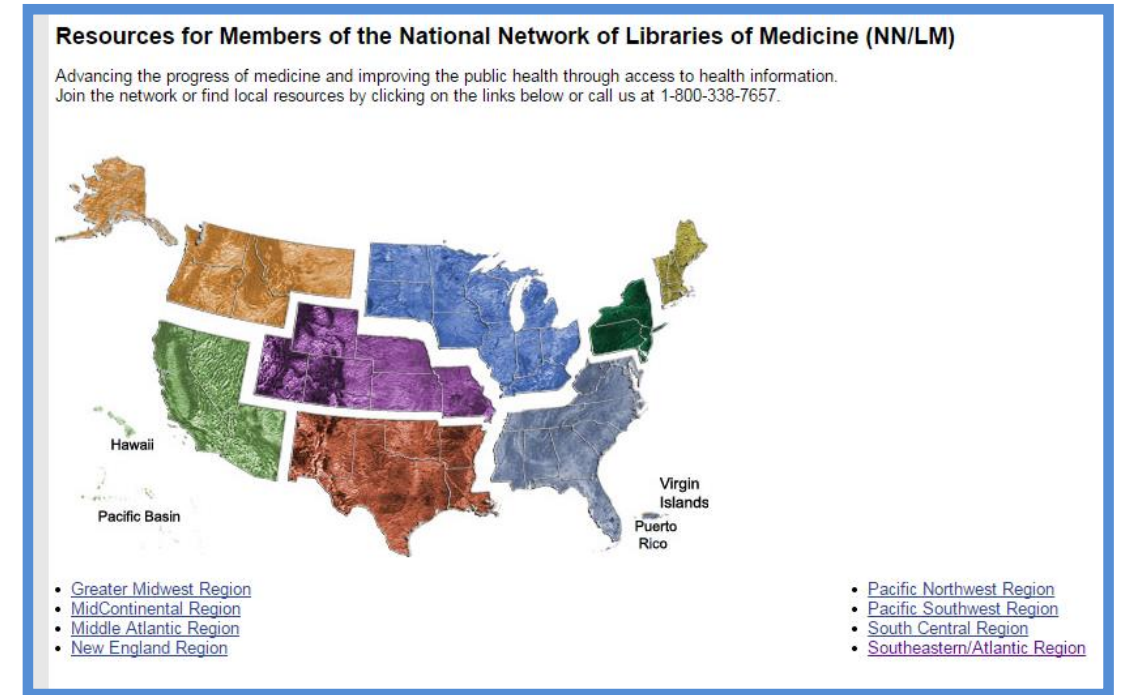
# Agenda

- 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



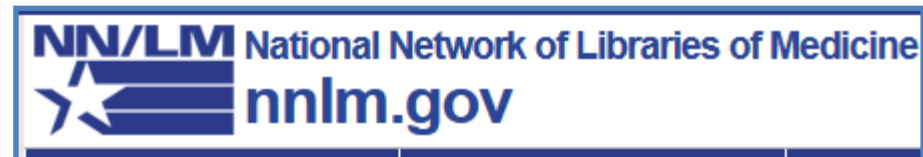
- Lee County
- Rural area
- (26% Hispanic and 28% Black or African American)
- Nursing Librarian

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





# Collaboration



North Carolina Institute for Public Health

# Surveys

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

**Student Survey**

UNC Health Sciences Library and UNC Institute on Aging  
Disclaimer: This is a voluntary survey.  
Your personal information will not be collected.  
This project has been funded by in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Contract No. HHS-N-276-2011-00004-C with the University of Maryland.  
Contact Brenda Linares, MLIS, AHIP at blinares@unc.edu if you have any questions.

Student Survey  
Information and Research Needs

1. What Community College do you attend?

☐ Central Carolina Community College

☐ Durham Technical Community College

2. Which semester are you in?

☐ First Semester

☐ Second Semester

☐ Third Semester

☐ Fourth Semester

☐ Fifth Semester

☐ Other

3. What is your major?

☐ Associate Degree Nursing

☐ Physical Therapist Assistant

☐ Practical Nursing

☐ Occupational Therapy Assistant

☐ Regional Increasing Baccalaureate Nursing (RIBN)

☐ Other

**Faculty survey**

UNC Health Sciences Library, Community Colleges, and UNC Institute on Aging  
Disclaimer: This is a voluntary survey.  
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Faculty Survey  
Information and Research Needs

1. What is your affiliation?

☐ Central Carolina Community College

☐ Durham Technical Community College

2. Which classes do you teach?

3. Which department/programs do you teach in? (You can select more than one answer)

☐ Assistant Degree Nursing

☐ Practical Nurse

☐ Physical Therapist Assistant

☐ Occupational Therapist Assistant

☐ Regional Increasing Baccalaureate Nursing (RIBN)

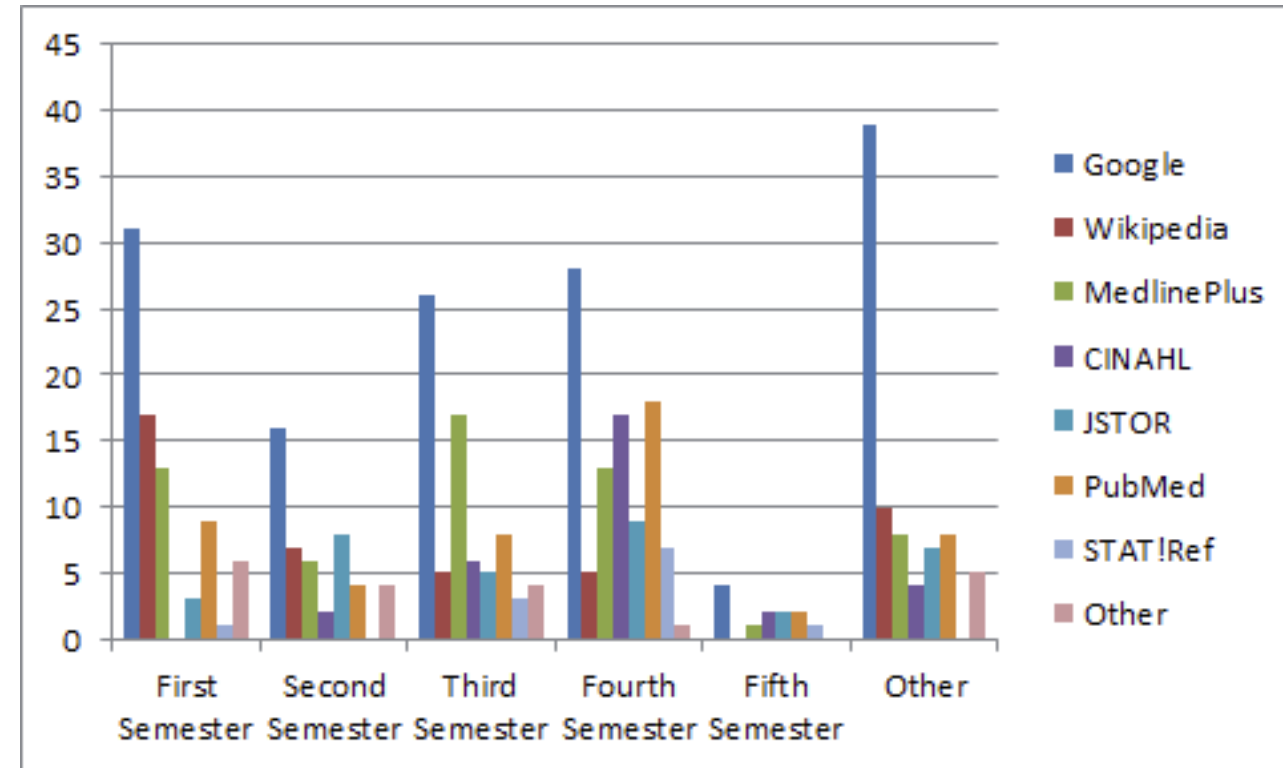
☐ Other

4. What library resources do you use for your class?



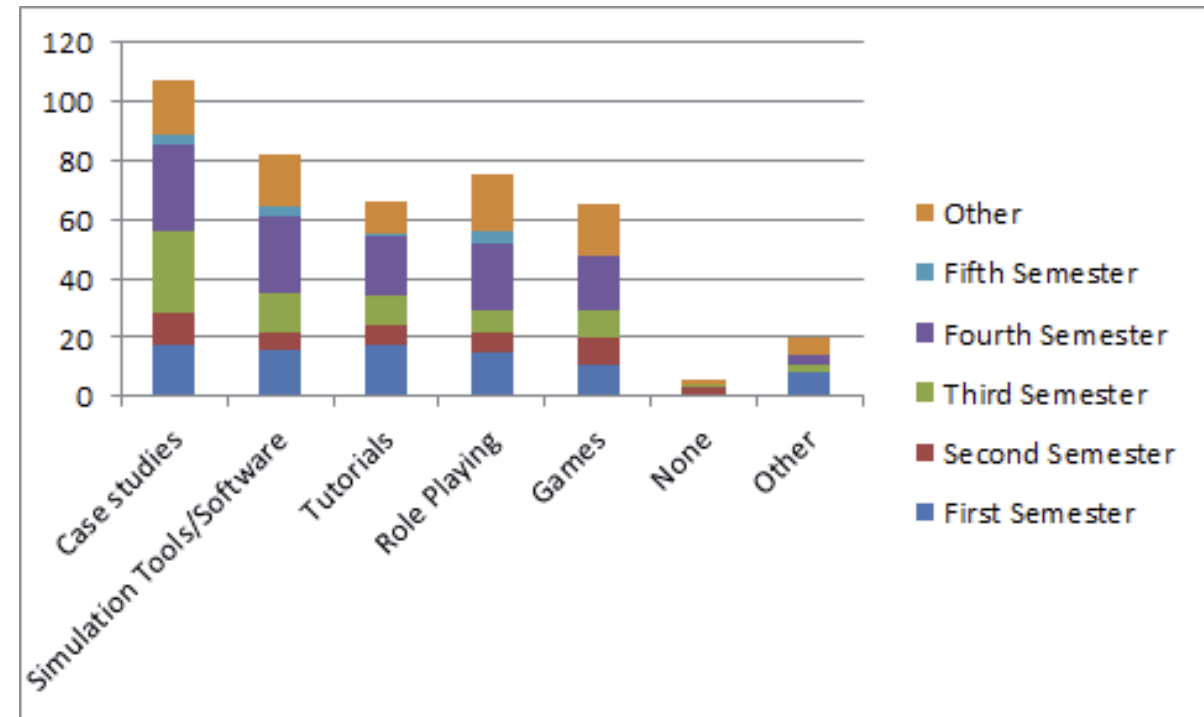
# Results

- 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).



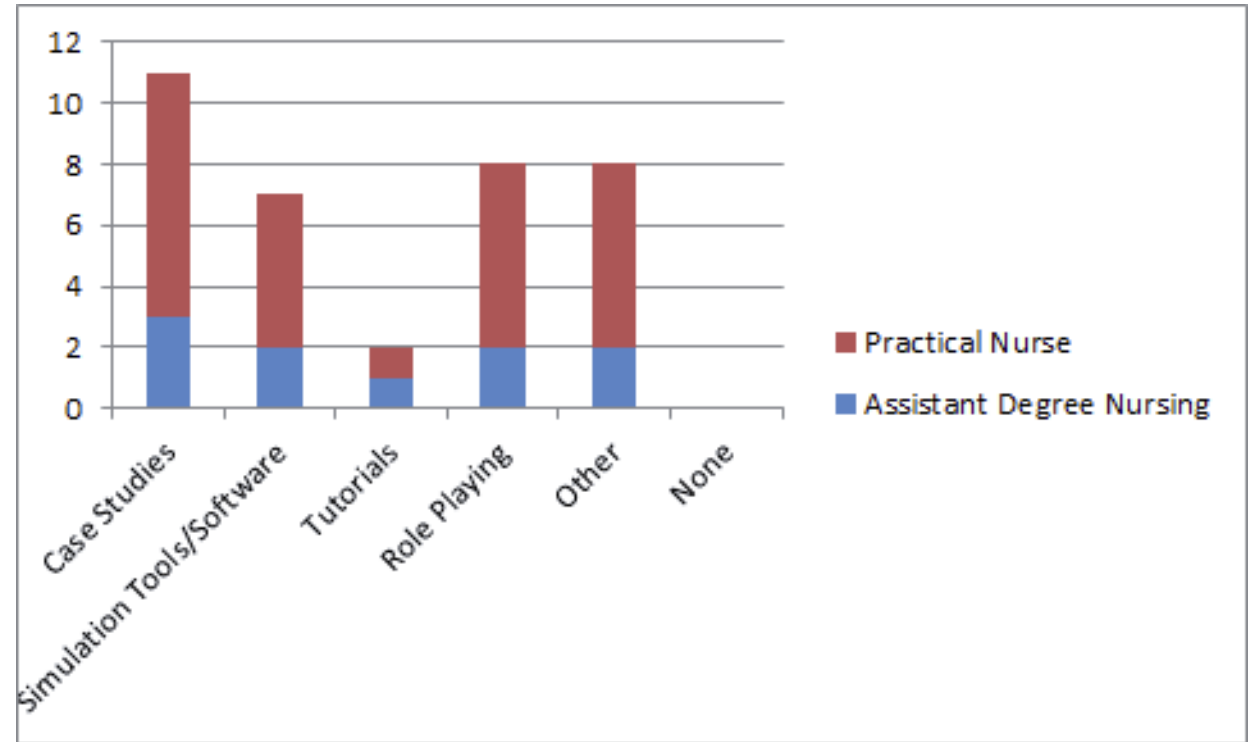
# Results

- 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



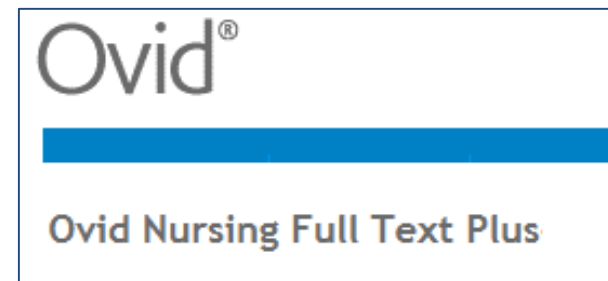
- Partner: OT professor and librarians
- Audience: OT practitioners & students
- Focus
  - Research skills
  - Evaluation of information quality

# Resources: Showcased

## Central Carolina Community College

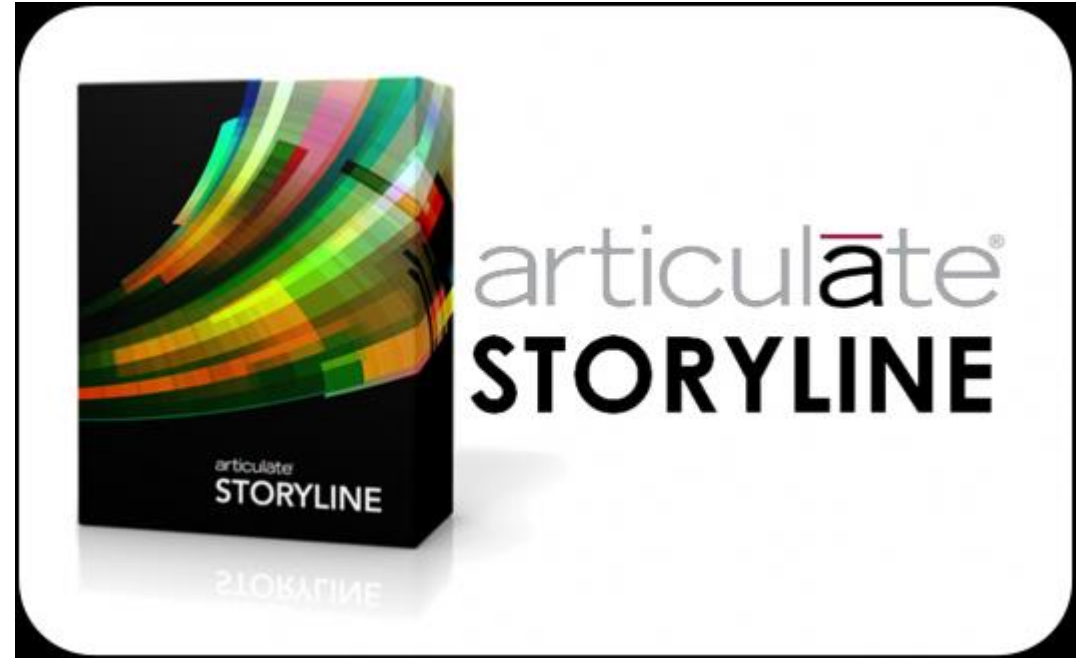


## Durham Technical Community College



# 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

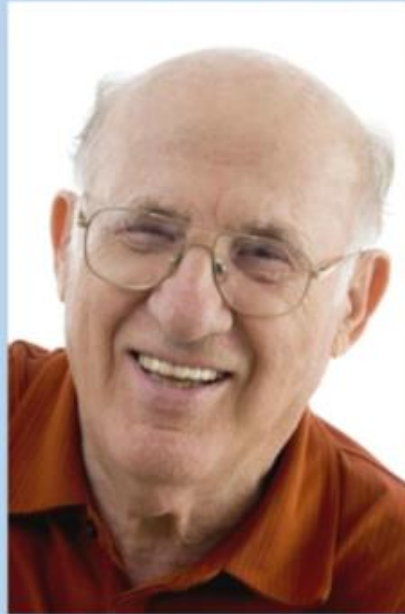
## Our Team

- 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.*



Skip Navigation Help Go Search

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## NIH SeniorHealth

Built with You in Mind

1

Health and wellness information for older adults from the National Institutes of Health.

2

Health Topics by First Letter  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Categories

- Bones and Joints
- Cancer
- Diseases and Conditions
- Healthy Aging
- Heart and Lungs
- Memory and Mental Health
- Treatments and Therapies
- Vision and Hearing
- All Topics A-Z

Featured Topic

Health Screenings and Immunizations

Exercise Stories

People of all ages and physical conditions benefit from exercise and physical activity. These [exercise stories](#) feature older adults and the diverse activities they enjoy.

Free Tips on Healthy Aging

[Sign up here for free tips on healthy aging from NIH SeniorHealth.](#)

Health Videos

3

Many of our health topics feature short videos that complement the information in the topic. The [health videos](#) offer up-to-date medical information, tips for healthy living, and inspiring stories of older adults who are coping with diseases or conditions of aging.

Training Tools

4

Are you interested in helping older adults learn to search online health information on their own? Browse the [Trainer's Toolkit](#) for more information.

This site was developed by the National Institute on Aging (NIA) and the National Library of Medicine (NLM) both part of the National Institutes of Health (NIH). Read more [about NIH SeniorHealth](#).

Last reviewed: December 2014

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## Introduction

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

[illegible]

## Relevance

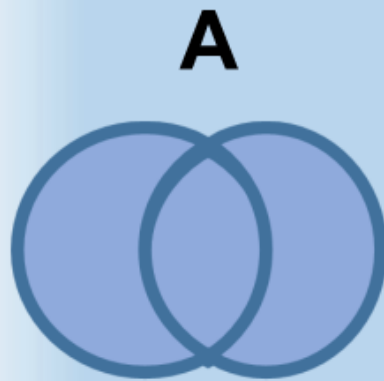
## Accuracy

## Purpose

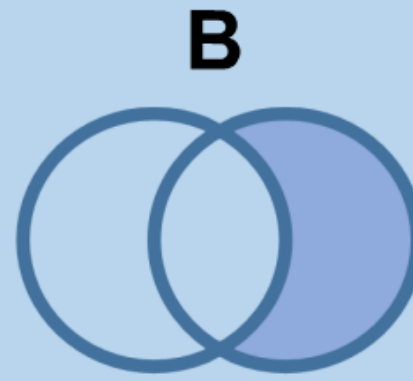


You enter the following search into Proquest:  
**Smoking AND Hypertension**

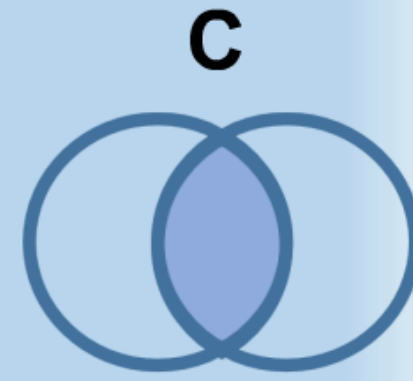
Which picture depicts the results you will retrieve?  
*Select one, then click “submit”.*



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! ”**



# 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
  - <http://nnlm.gov/sea>





Thank you!

Any Questions?

