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Go Research! Building an Information Literacy Tool that Bridges the Gap

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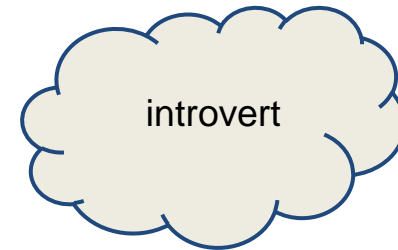
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Building an Information Literacy Tool
that Bridges the Gap

Introduction



- Project Manager
 - Learning objectives
 - Collaborative design
 - Faculty outreach
- Technical Advisor
 - LibGuides
 - LibSurveys
 - LibAnswers
 - Statistics

Background

Central Michigan University - Quick Stats Fall 2014

- Total CMU Enrollment: 27,069
 - On-campus Enrollment: 19,858
 - Global Campus Enrollment: 7,211

- Off-campus locations: 44
 - United States: 38 (Military: 20)
 - International: 6

Background

Global Campus Locations



Fort Riley, Kansas



Fort Leavenworth, Kansas



Southfield, Michigan



Grand Rapids, Michigan



Traverse City, Michigan



Seymour Johnson AFB



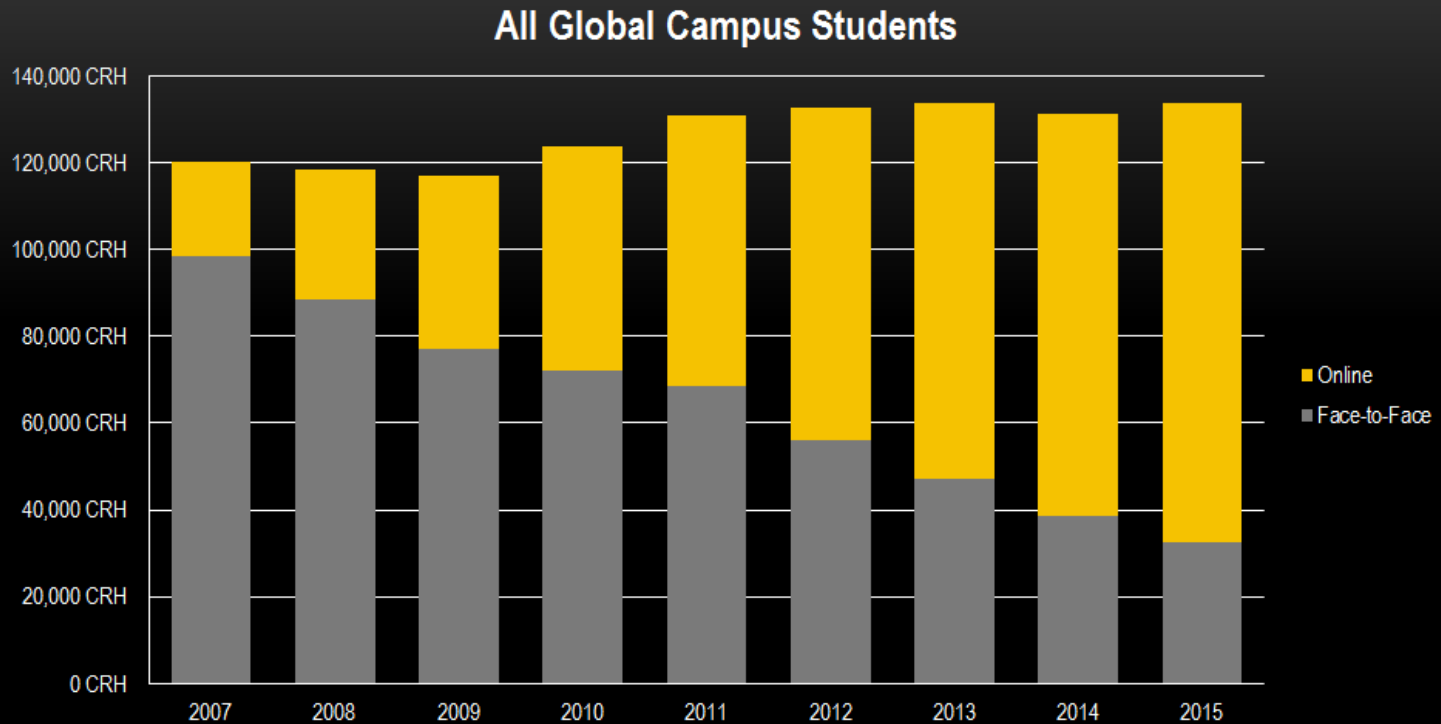
Camp Pendleton, California



East Lansing, Michigan

Background

Global Campus Trends



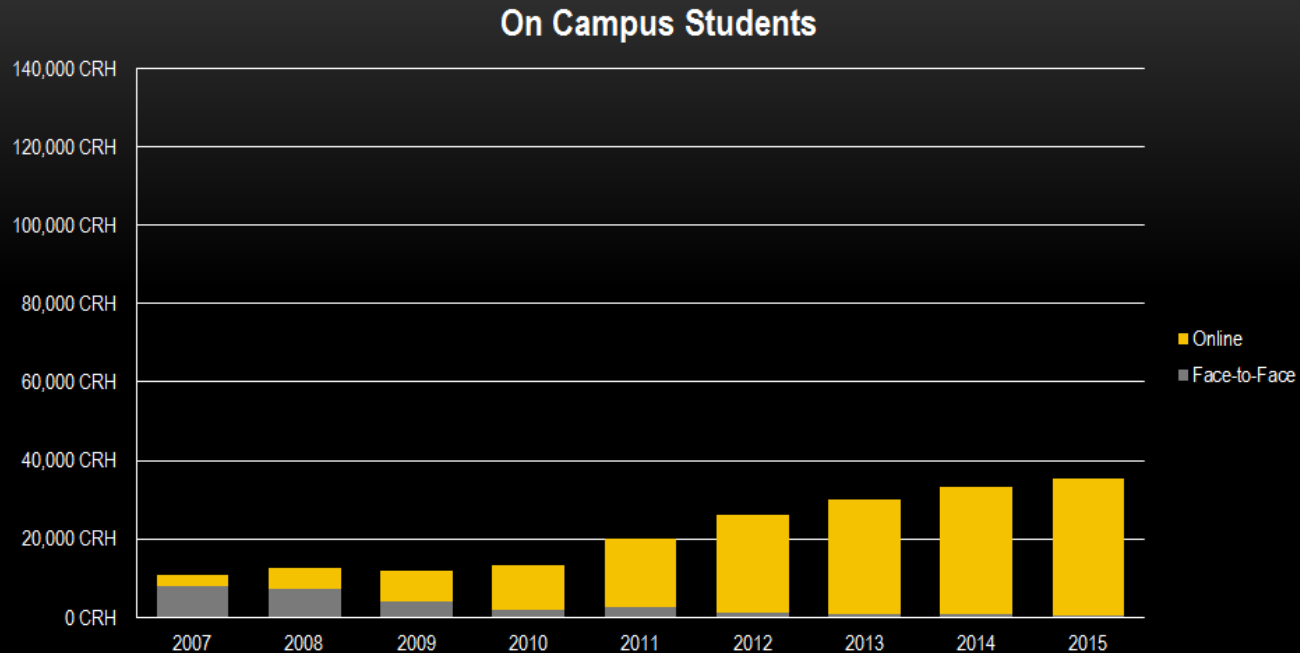
1 - Slight overall growth (total 2015 Global Campus SCH = 133,863)

2 - Shift from face-to-face to online

3 - 2015 face-to-face instruction accounted for 24.4% of Global Campus SCH (32,618)

Background

Global Campus Trends



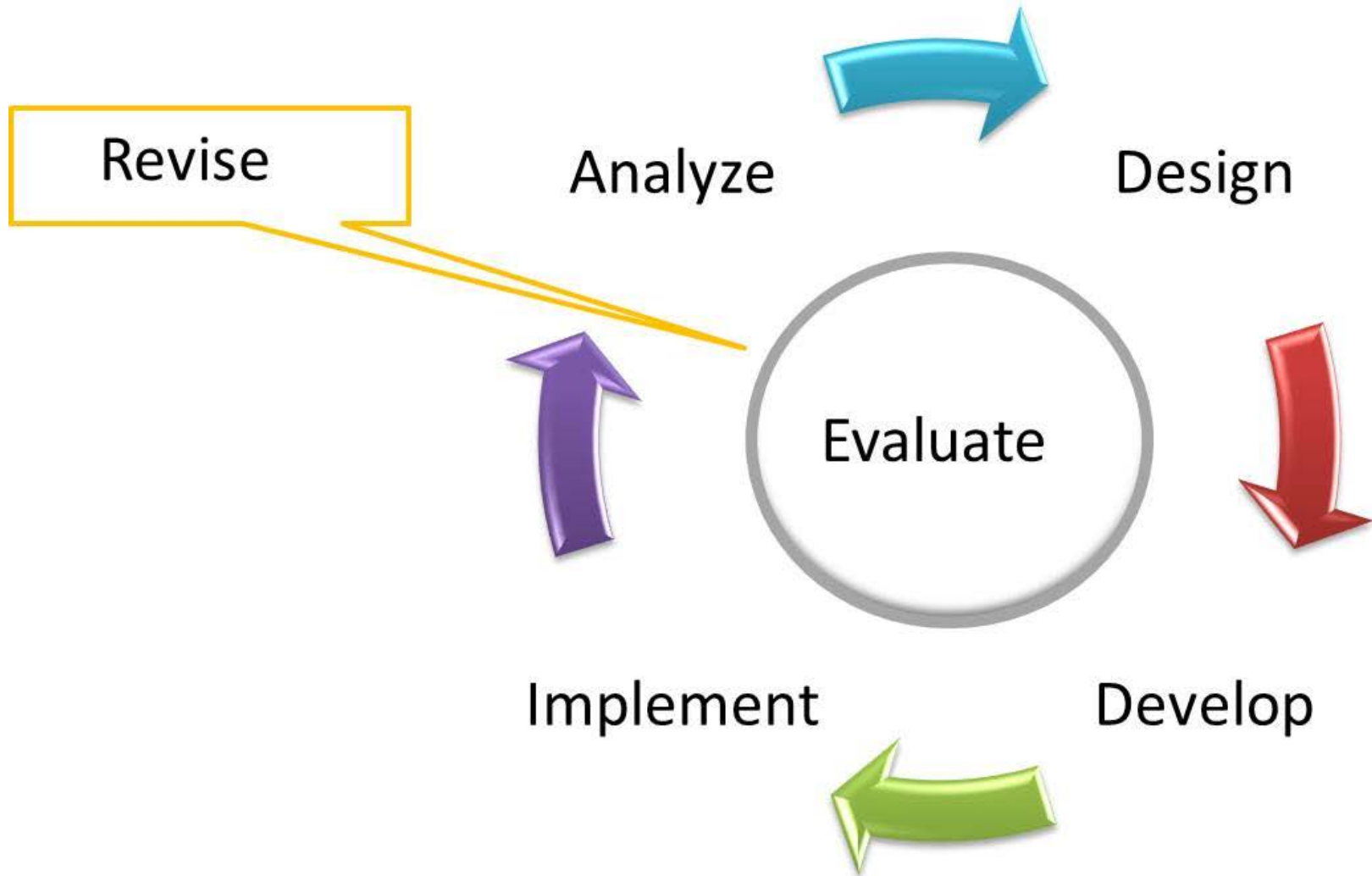
- 1 – Significant growth (10,000 SCH in 2007; 35,300 SCH in 2015)
- 2 – Primarily online

Background

Global Campus Library Services



ADDIE-R



Analyze

Needs Assessment

- **Online Enrollment Trend:**
Increased number of students taking online classes
- **Scalability:** Face-to-face and online class visits for all courses not scalable
- **Inconsistent Course Sequence:**
Open enrollment vs. cohort-based programs
- **Learner Demographic:** Non-traditional, adult learners



Analyze

Project Goals

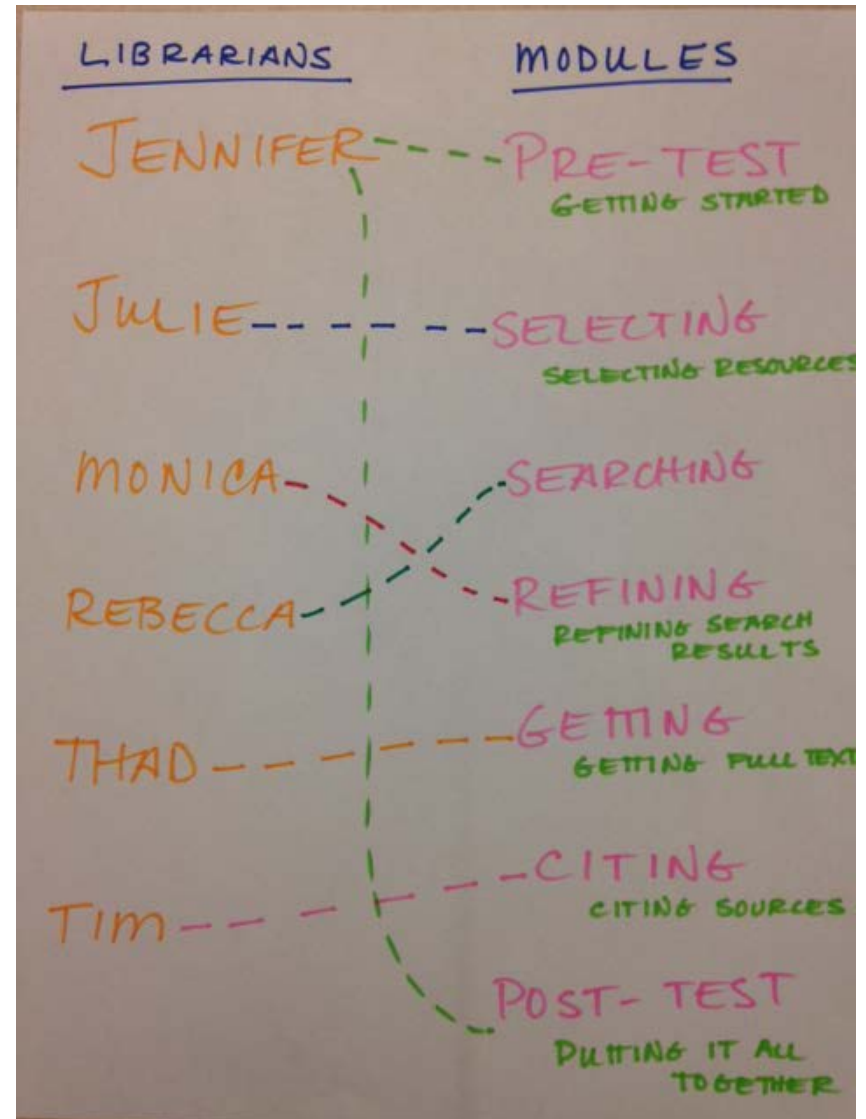
- Reach a greater number of students
- Reach students earlier in their program of study
- Guide students towards completion of learning objectives
- Increase students' self-efficacy
- Scaffold literature review process
- Help students become more information literate



ES

Design

- Online
- Self-paced
- Modular
 - Getting Started (Pre-test)
 - Developing a Research Question
 - Selecting Resources
 - Searching
 - Refining Search Results
 - Getting Full Text
 - Citing Sources
 - Putting It All Together (Post-test)
- Pre-test / Post-test
- Badges / Certificate of completion
- Librarian feedback for Post-test
- Built collaboratively



Design

Learning Objectives

What Will You Learn?

After completing this tutorial, you will be able to:

- Develop a research question or problem statement that isn't too broad or too narrow
- Identify scholarly journals and select the best information resources to answer your research question
- Construct search strategies using keywords, connectors, quotation marks and more
- Refine search results by resource type, publication date, and more
- Find full text journal articles and request articles and books; and
- Understand plagiarism and use APA style

Development

Roles and Responsibilities

Librarians

- Module guide pages
- Module Quizzes
- Module Answer sheets

Project manager

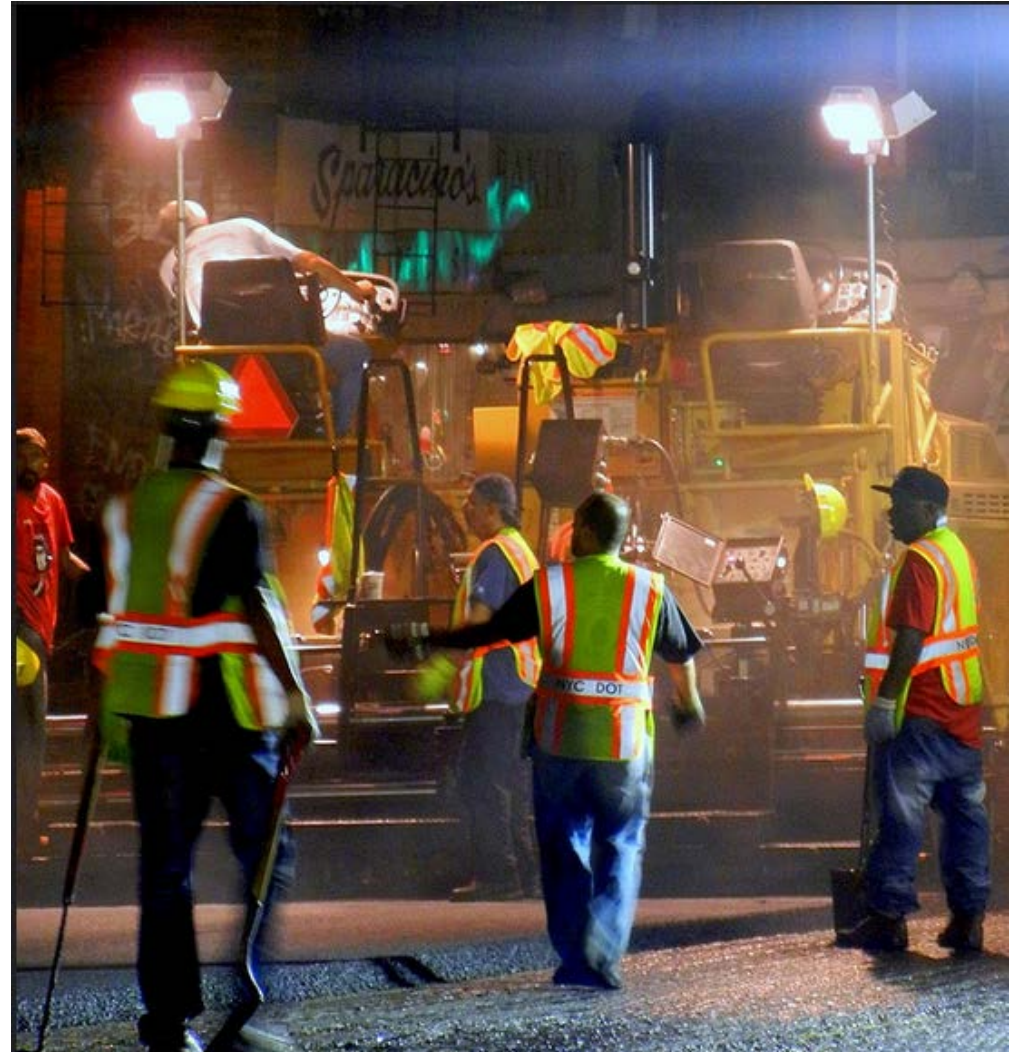
- Guide template
- Getting Started and Putting it All Together pages
- Pre-test and post-test
- Surveys and survey links
- Answer files, pages, links
- Badges
- Certificate
- Guide navigation

Technical advisor

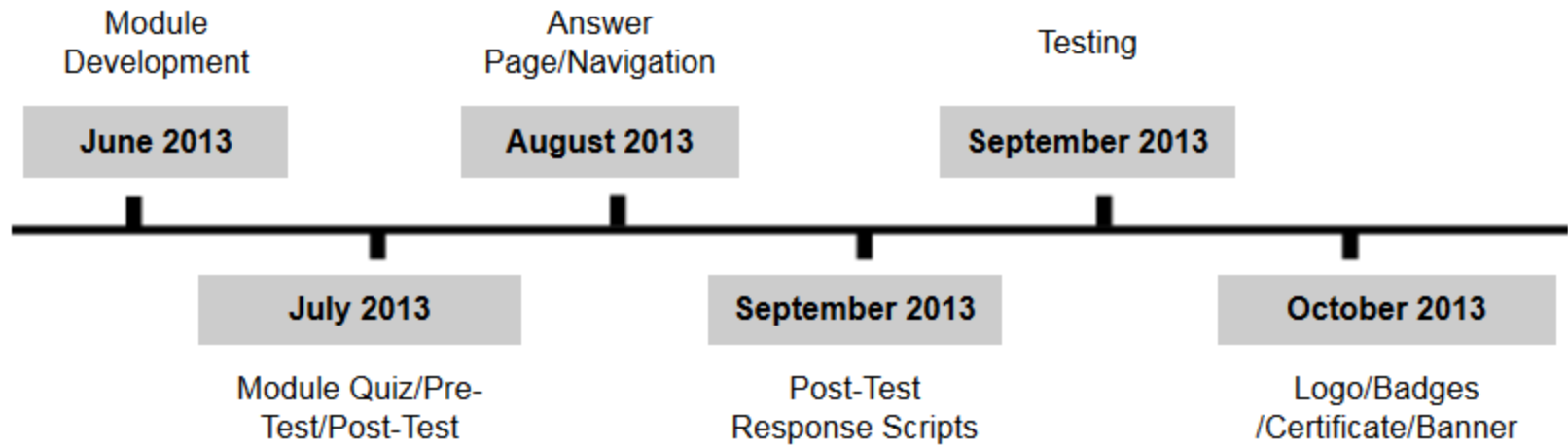
- QuestionPoint/QP scripts
- LibGuides/LibGuides migration support
- LibSurveys support
- LibAnswers/LibAnswers scripts

Collaborative

- Learning objectives
- Procedures



Development *Timeline*



Development LibGuides Template



CMU Libraries / Research Guides / Go Research / Go Research! Tutorial / Developing a Research Question

Go Research! Tutorial: Developing a Research Question

URL: <http://libguides.cmich.edu/goresearch>

- Getting Started
- Developing a Research Question
- Selecting Resources
- Searching
- Refining Search Results
- Getting Full Text
- Citing Sources
- Putting It All Together

Concept Mapping

Click button to play. Use the icon on the bottom right corner to expand to full screen.



• [Concept Map Form](#)

A concept map allows you to brainstorm your topic and develop a visual image of your topic. Identify key concepts, alternative terminology for these concepts, and analyze the relationships between the various aspects of your topic.

Does this help?

Does this help?

- Very useful. I know just what to do.
- Somewhat useful but I still have questions.
- I'm still lost.

Writing a Research Question or Problem Statement

A good research question is manageable in scope - not too broad, but not too narrow. It is often helpful to brainstorm related ideas. As you brainstorm your topic, you may identify along the way. Your research question should be interesting to you - you'll be spending a great deal of time with your topic so you should be eager to learn more about it!

A good research question or problem statement:

- Comes from a broad subject area that interests you
- Is narrow enough to allow you to become a "local expert"

A good problem statement should:

- Explain why your problem is worth addressing

More Learning Resources

- [Brainmapping Demonstration](#)
Brainmapping can help you explore different facets of a broad topic and generate questions from each perspective. From University of Washington Information Literacy Learning 2001-2004.
- [Create a Concept Map for your Topic](#)
Brainstorm your topic and identify what concepts or keywords to use as you search for information. From the University Library at the University of Illinois at Urbana-Champaign.
- [bubbl.us](#)
An online Brainstorming tool that allows you to create and save a "mind map" for your topic.

Support for the use of technology

Multimedia to address varied learning styles

Links to tools and resources that support each module's learning objective

Development

LibGuides Template

-  [Concept Map Form](#)

A concept map allows you to brainstorm your topic and develop a visual image of your topic. Identify key concepts, alternative terminology for these concepts, and analyze the relationships between the various aspects of your topic.

- Explain why your problem is worth addressing

Does this help?

Does this help?

- Very useful. I know just what to do.
- Somewhat useful but I still have questions.
- I'm still lost.

Submit

Show poll results

Poll to collect ongoing feedback

More Learning Resources

- [Brainmapping Demonstration](#)

Brainmapping can help you explore different facets of a broad topic and generate questions from each perspective. From University of Washington Information Literacy Learning 2001-2004.

- [Create a Concept Map for your Topic](#)

Brainstorm your topic and identify what concepts or keywords to use as you search for information. From the University Library at the University of Illinois at Urbana-Champaign.

- [bubbl.us](#)

An online Brainstorming tool that allows you to create and save a "mind map" for your topic.

- [Snappy Words - Visual Online Dictionary](#)

An online interactive English dictionary and thesaurus that helps you find the meanings of words and draw connections to associated words

Short quiz for self-assessment

Developing a Research Question Quiz



[Developing a Research Question Quiz](#)

Click here to take the Developing a Research Question quiz.

<< Previous: Getting Started

Built-in navigation

Next: Selecting Resources >>

Development

Pre-Test

Getting Started Quiz

Getting Started Quiz

What do you already know?

Let's say your research topic is educational technology in higher education. Select the best research guide for this topic and write the name of the guide in the space below. Here's a hint: To select your guide, go to the research guides index and click the plus sign next to "Education" to see a list of education-related research guides at: <http://libguides.cmich.edu/>

[required]

Open the research guide you selected by clicking on its name. Once you're in the guide, you'll see a list of databases. Choose one of these databases and type its name in the space below.

[required]

What keywords will you use to search your topic? Type your keywords in the space below.

Development

Module Quiz

Developing a Research Question

A researchable topic is neither too broad nor too narrow. What do you think of the following research questions?

To what degree do American prisoners blame childhood abuse for their crimes?

- Too broad
- Too narrow
- Neither too broad nor too narrow

Do the students in Mr. Elkhorn's fifth grade class at Springfield Elementary School prefer taking tests in the morning or in the afternoon?

- Too broad
- Too narrow
- Neither too broad nor too narrow

Development

Answer Page



[CMU Libraries](#) / [Research Guides](#) / [Go Research](#) / [Answers - Selecting Resources](#) / [Answers - Selecting Resources](#)

Answers - Selecting Resources: Answers - Selecting Resources

URL: http://libguides.cmich.edu/answers_selectingresources

Get your Badge!

-  [Selecting Resources Badge](#)

Congratulations! You've earned it!
Click the link below to get your badge.



Download a badge




Print the Answers!

-  [Selecting Resources Quiz - Answer Sheet](#)

Check answers and print answer sheet

Navigate back to Tutorial

Next Step

-  [Next module](#)
-  [Previous module](#)
-  [Tutorial Home](#)

Quiz Answers

1. What is the best resource for locating scholarly articles on your topic?

Online Database

Online journal databases allow you search for scholarly journal articles on your topic.

2. Where would you look to find current information on an earthquake in Japan?

Newspaper and/or Internet web sites

You'll typically find information on recent events in newspapers (print or electronic), as well as Internet web

Development

Post-Test

Putting it All Together Quiz

Name (required)

Email (required)

Course (e.g., MSA600, EDU660) (required)

Location (e.g., Atlanta, Dearborn, Online) (required)

Instructor (required)

Development

Post-Test

1. Select a topic of your own choosing. Type your chosen topic in the space below. **(required)**

2. After selecting your topic, go to GCLS Guides Home (<http://libguides.cmich.edu/gcls/guidehome>) and select the best research guide for your topic. Type its name in the space below. **(required)**

3. Access the research guide you chose by clicking on its name. Once in the research guide, you'll see a list of databases. Choose one of these databases and type its name in the space below. **(required)**

4. What keywords will you use to search your topic? Type your search strategy in the space below. Then, search the database you chose using your search strategy. **(required)**

Development

Post-Test

5. Now look at your search results. Did you get many hits? Refine your search results to display only scholarly articles. Then cut and paste the citation for one of the scholarly articles in the space below. **(required)**

6. Is the scholarly article you chose available full text online? **(required)**

- Yes
- No
- Not sure

7. When using APA style guidelines to format your journal article citation, which element is italicized? **(required)**

- Title of article
- Title of journal
- Author's last name
- Page numbers

Submit

Development

Procedures

GoResearch! Tutorial Process

Student completes the Putting It All Together Quiz (LibSurveys)

Emailed notification generates a LibAnswers ticket

Librarian composes a quiz response (LibAnswers)

Student receives individualized feedback from a librarian

Student receives a Certificate of Completion (submits to faculty if extra credit was offered)

Development

LibSurvey ->-> LibAnswers Ticket

Form results for Putting It All Together Quiz



Form Name: Putting It All Together Quiz

Description: What did you learn?

Report link: <http://cmich.libsurveys.com/reports.php?id=1108>

Name: [REDACTED]

Email: [REDACTED]

Course (e.g., MSA600, EDU660): MSA 600

Location (e.g., Atlanta, Dearborn, Online): Auburn Hills, MI Global Campus

Instructor: Dr. M. Chonich

- 1. Select a topic of your own choosing. Type your chosen topic in the space below. :** Women Veterans
- 2. After selecting your topic, go to GCLS Guides Home (<http://libguides.cmich.edu/gcls/guidehome>) and select the best research guide for your topic. Type its name in the space below. :** Women: Race, Ethnicity and Culture
- 3. Access the research guide you chose by clicking on its name. Once in the research guide, you'll see a list of databases. Choose one of these databases and type its name in the space below.:** Women's Studies International (EBSCO)
- 4. What keywords will you use to search your topic? Type your search strategy in the space below. Then, search the database you chose using your search strategy.:** PTSD treatment women veterans healthcare
- 5. Now look at your search results. Did you get many hits? Refine your search results to display only scholarly articles. Then cut and paste the citation for one of the scholarly articles in the space below. :** Treatment of Women Veterans with Posttraumatic Stress Disorder and Serious Mental Illness in an Inpatient Mental Health Treatment Setting: A Case Study.Detail Only AvailableAcademic JournalBy: Walton, Heather M.; Chow, Louis; Topor, David R.; Pepple, John R.; Fish, Scott; Ahnallen, Christopher G.. Women & Therapy; Jan-Jun2015, Vol. 38 Issue 1/2, p128, 13p; DOI: 10.1080/02703149.2014.978227; (AN 100936448)
- 6. Is the scholarly article you chose available full text online? :** No
- 7. When using APA style guidelines to format your journal article citation, which element is italicized? :** Title of article

Development

Individualized Feedback

Reply from *Jennifer Rundels* (Sep 01 2015, 02:33pm):



Hello [REDACTED]:

Thanks for completing our GoResearch quiz. I've added my responses to your answers below.

1. Select a topic of your own choosing. Type your chosen topic in the space below. : Women Veterans

2. After selecting your topic, go to GCLS Guides Home (<http://libguides.cmich.edu/gcls/guidehome>) and select the best research guide for your topic. Type its name in the space below. : Women: Race, Ethnicity and Culture

Correct. This is a good choice for your topic. You might also consider the *Military Science and Leadership* guide at: <http://libguides.cmich.edu/mil>

3. Access the research guide you chose by clicking on its name. Once in the research guide, you'll see a list of databases. Choose one of these databases and type its name in the space below.:

Women's Studies International (EBSCO)

Correct. [PAIS International \(ProQuest\)](#) is also a very good choice for articles on this topic.

4. What keywords will you use to search your topic? Type your search strategy in the space below. Then, search the database you chose using your search strategy.: PTSD treatment women veterans healthcare

Good keywords! However, if you are interested in PTSD treatment for women veterans, you have just narrowed your search! This is a very good topic! But I would now direct you to more targeted databases such as [PILOTS \(ProQuest\)](#).

Based on this more targeted topic, I would also recommend the databases found in the *Health Services Administration* guide at <http://libguides.cmich.edu/gcls/healthcare>.

▼ Tags

goresearch_quiz

Add Tag

Add

Support

► Reuse Answers

▼ Helpful Tools

Search in

for

Search

(Results open in a new window)

▼ Web Shortcuts



Certificate of Completion

Awarded to:

STUDENT NAME

By Global Campus Library Services at Central Michigan University

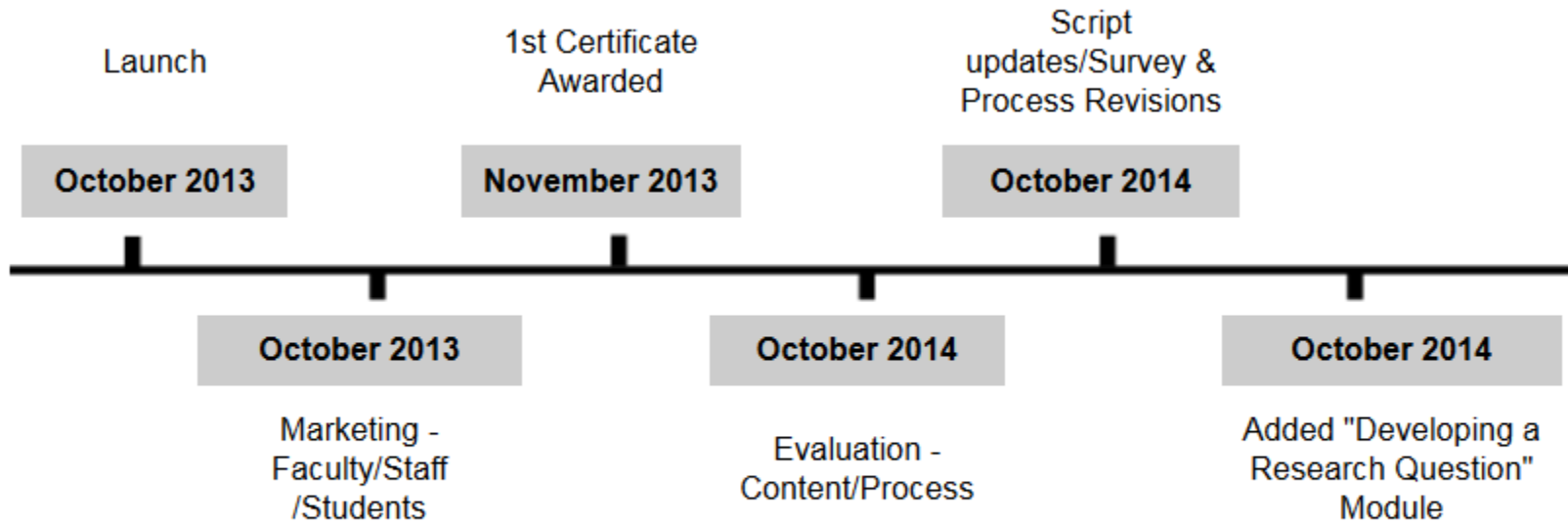


Date:

9/1/15



Implementation



~~Implementation~~ *Marketing*

- Faculty outreach
- Faculty newsletter
- New student welcome letter
- GCLS brochure
- Quick links on library home page
- Scrolling ad on library home page
- Blackboard links
- Facebook posts
- Instruction sessions
- Ask a Librarian responses



Check out *Go Research!*

Go Research! is a self-paced, interactive tutorial for students interested in learning basic research skills.











»»» Get a jump start on your research by learning how to:

- Develop a research question
- Construct successful search strategies
- Select the best information resources for your assignment
- Get the full text of journal articles
- Use APA style

When you've gone through the tutorial, you can complete the *Putting It All Together* quiz to assess what you've learned and earn your *Go Research!* certificate. Spend a little time with *Go Research!* now, save a lot of time later!

Learn more at:

<http://libguides.cmich.edu/goresearch>

Quick Links	
	Ask a Librarian
	Get Articles by Subject
	Course Guides
	Databases A-Z
	MSA Resources
	CMU Library FAQ
	Go Research! 
	Documents on Demand
	CMU Writing Center

CMU
CENTRAL MICHIGAN
UNIVERSITY

Global
Campus



Welcome from Global Campus Library Services!

Dear Jennifer,

Congratulations on becoming a student at Central Michigan University! CMU is a great institution and I hope that you are excited about this new chapter in your life.

I want to introduce you to a very valuable resource that you have access to because you're enrolled through CMU's Global Campus. The Global Campus Library Services (GCLS) department at CMU is a nationally-recognized leader in providing library services to off-campus and online students. Through GCLS you have the same access to library resources and services that on-campus students enjoy. You can contact a librarian by telephone, e-mail, online form, or chat to ask questions and to receive assistance when doing research, and the library's Documents on Demand office will provide you with copies of the articles and books you need to complete your assignments. Basically, GCLS is your library; we're here to help you in any way we can. You can learn more about us [here](#).

Our newest tool is our Go Research! tutorial. It's a self-paced tutorial that will help you build your research skills - skills that will come in handy in your classes. You can check out Go Research! at <http://libguides.cmich.edu/goresearch>.

I'm pleased to have had the opportunity to tell you about our services even before you begin your first CMU class. Too many students discover us only after having completed most of their classes, and many wish they'd known about GCLS earlier. That's why I'm contacting you today, to make you aware of us before you need us. Best of luck with your classes!

Timothy Peters
Director of Information Services
Central Michigan University Libraries

Build Content ▾

Assessments ▾

Tools ▾

Partner Content ▾

MSA 600 Found
Research Methods
Admin 22272282

Announcements

Syllabus | Schedule

Course Introduction

Instructor Info

Course Materials

Discussion Board

Common Research Activity

Individual Proposal

Final Exam

My Grades

eText Access

Tools

Bb Collaborate

Library

Library Resources

OIT Helpdesk



Contact GCLS!

(800) 544-1452

[Ask a Librarian](#)

[Email a Librarian](#)

TEXT a Librarian - (989) 863-4639

[Documents on Demand](#)

[Writing Help](#)



Library Presentation (PDF)

Enabled: Statistics Tracking



MSA Resources



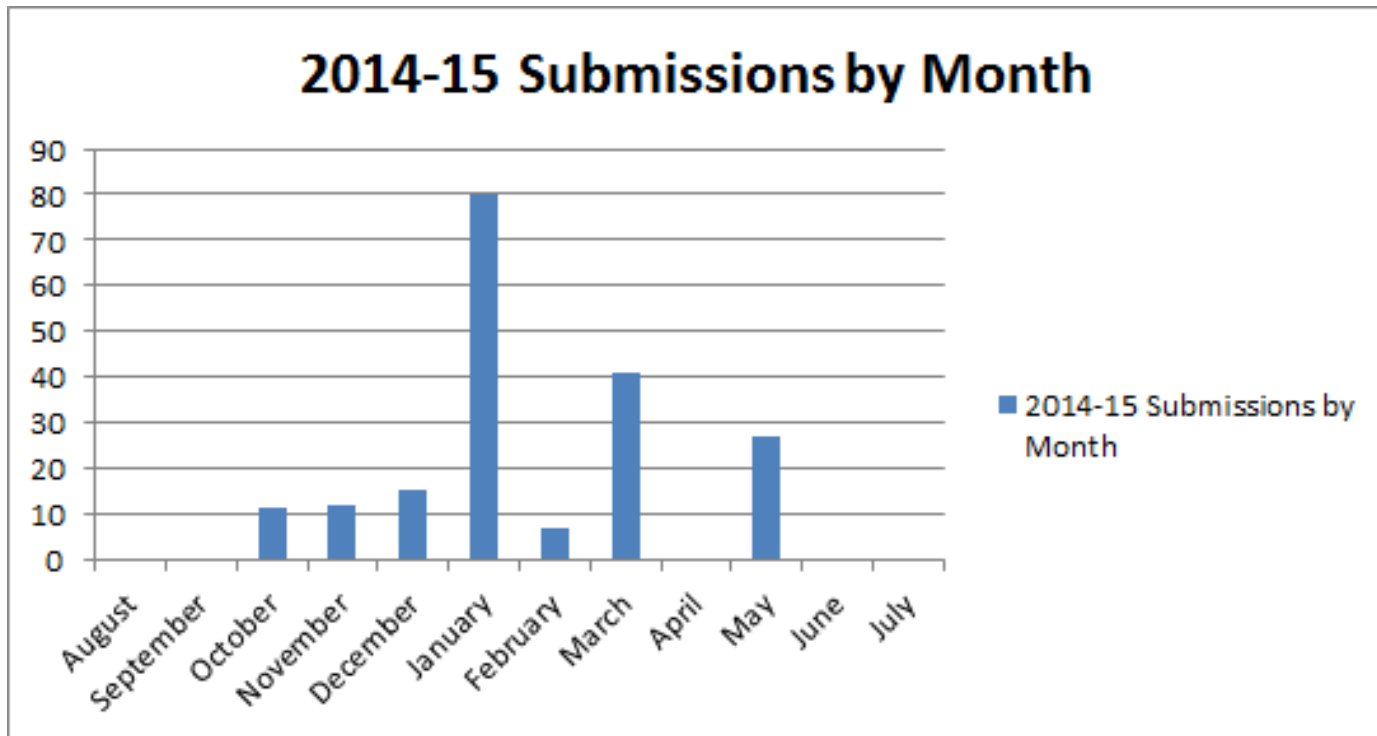
Go Research! Tutorial

A self-paced tutorial designed to teach effective research skills.

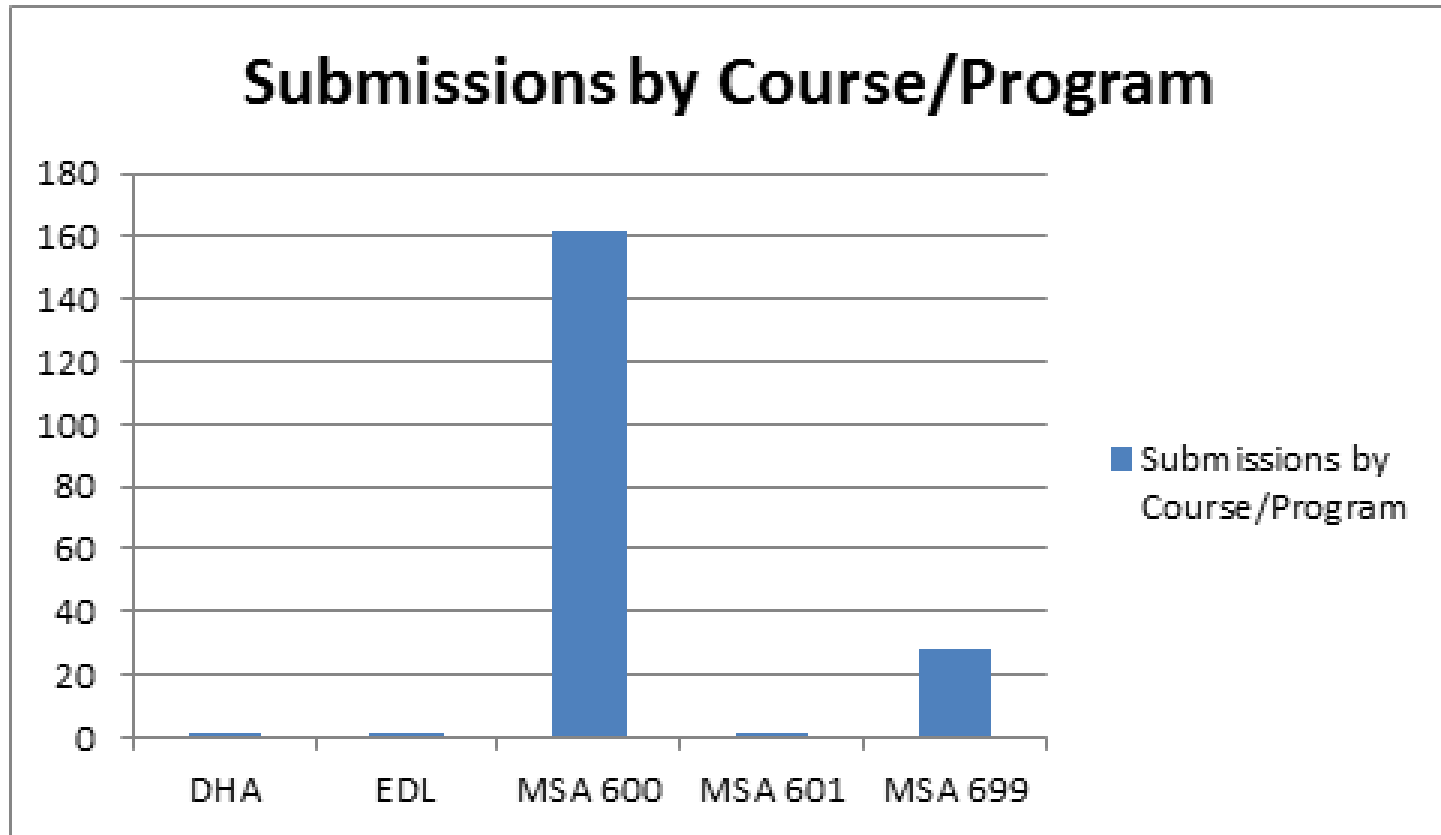


Evaluation

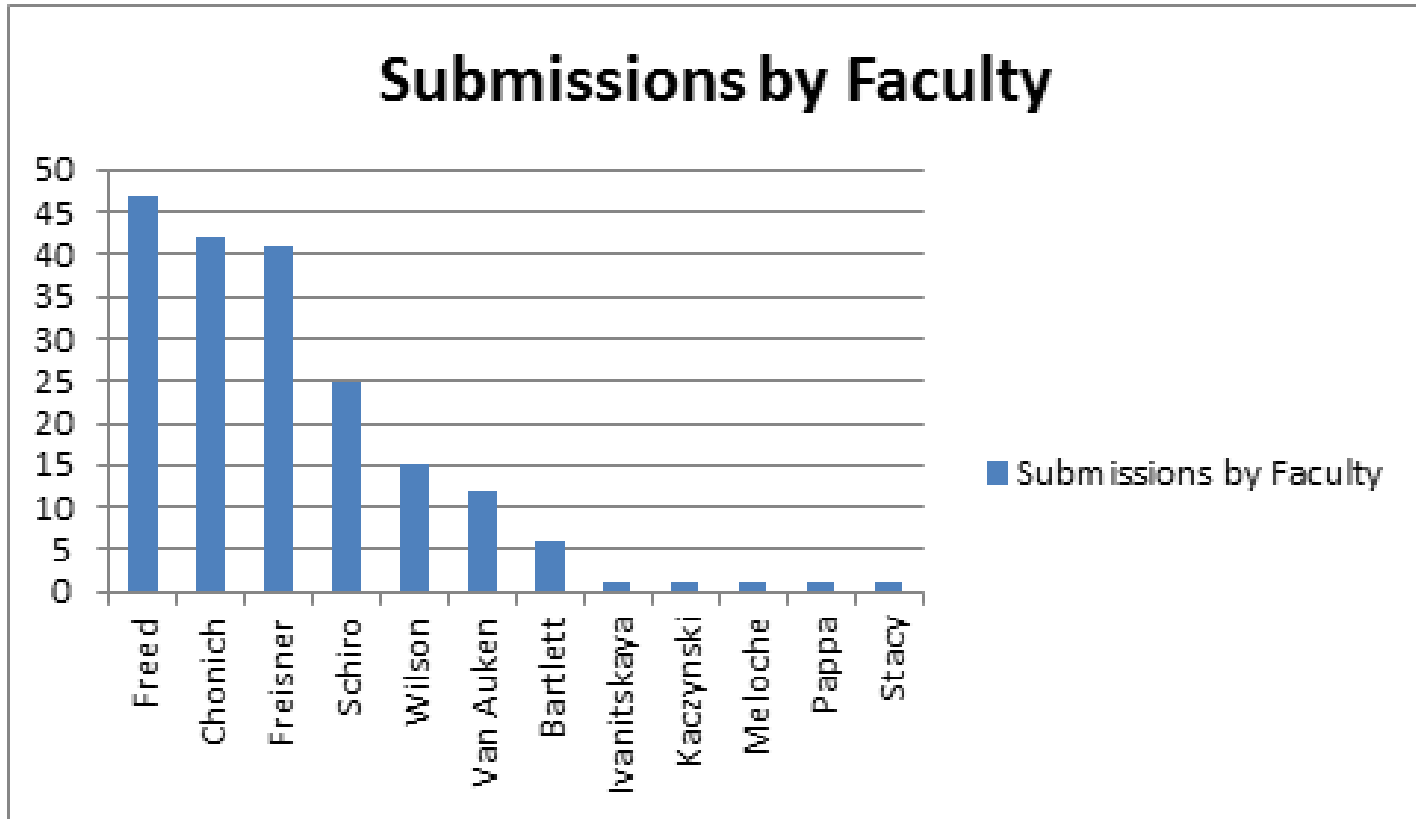
- 193 submissions
- submission level = class integration



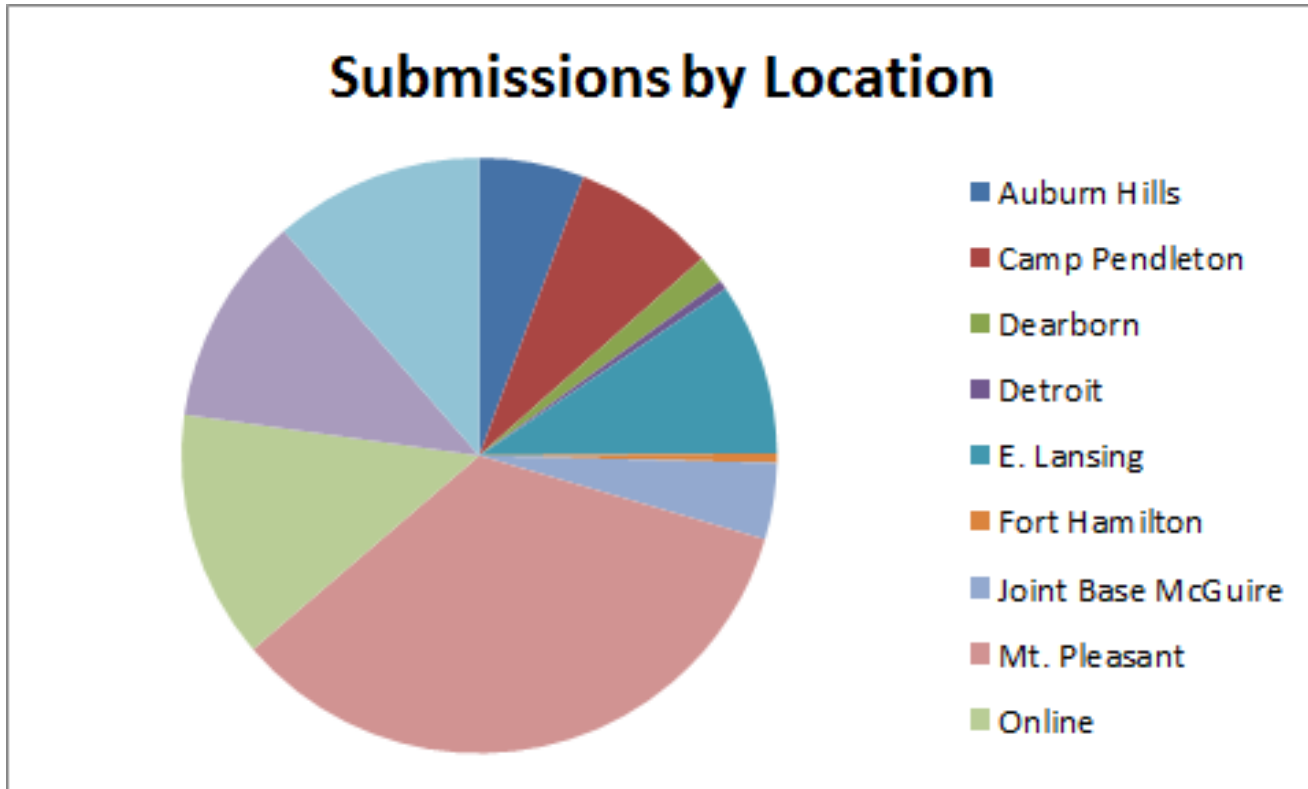
Evaluation



Evaluation



Evaluation



Evaluation

Module Quiz Usage

ALL GUIDES BY SUBJECT BY TYPE BY OWNER

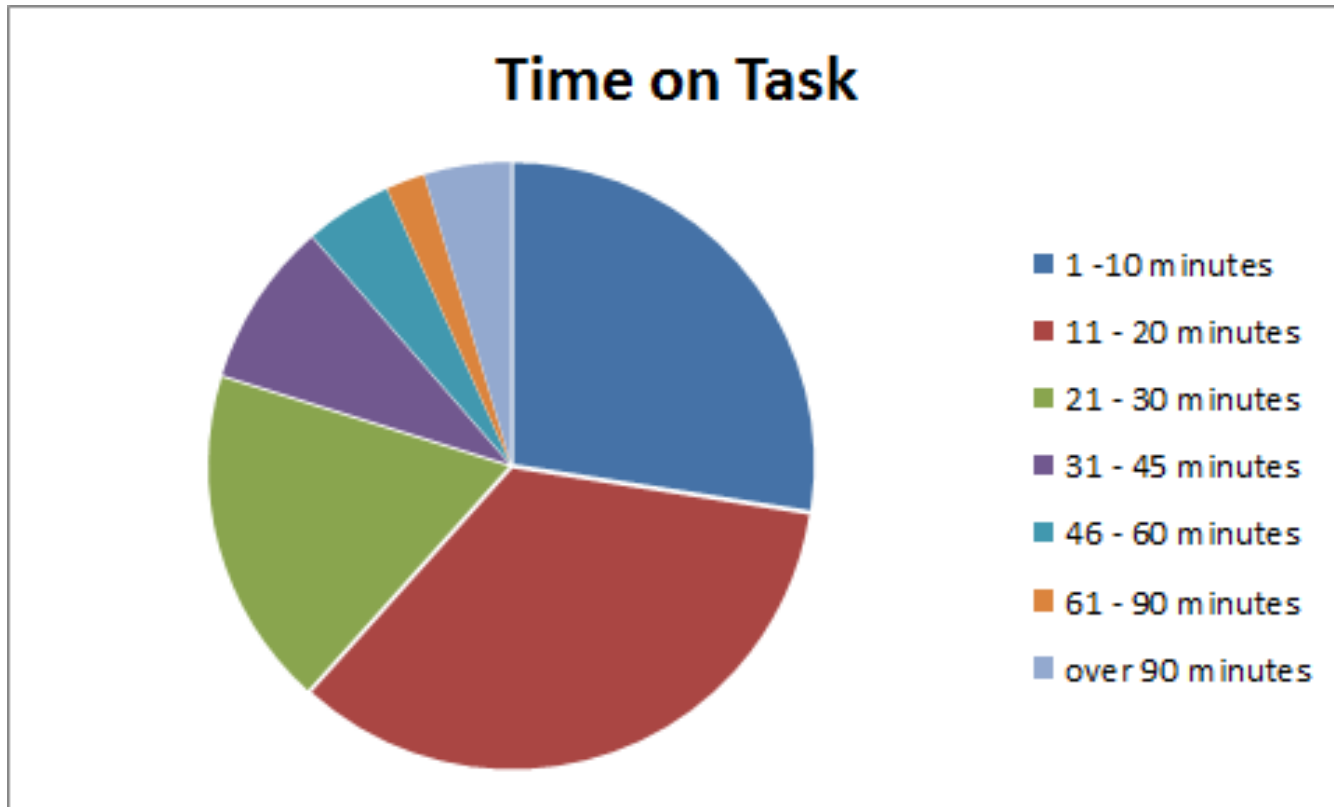
Search: Search All Research C Search

Showing 8 Guides Display: By Popularity ▼

Go Research! Tutorial ⓘ	✓ Sep 1, 2015	👁 4708
Answers - Getting Started ⓘ	✓ Sep 14, 2015	👁 158
Answers - Developing a Research Question ⓘ	✓ Sep 14, 2015	👁 153
Answers - Selecting Resources ⓘ	✓ Sep 14, 2015	👁 123
Answers - Searching ⓘ	✓ Sep 14, 2015	👁 120
Answers - Citing Sources ⓘ	✓ Sep 14, 2015	👁 119
Answers - Getting Full Text ⓘ	✓ Sep 14, 2015	👁 109
Answers - Refining Search Results ⓘ	✓ Sep 14, 2015	👁 97

Evaluation

Putting it All Together Quiz (post-test)



Evaluation

Student Feedback

Does this help? (POLL)	#	%
Total submissions	77	100
<i>"Very useful. I know just what to do."</i>	45	59
<i>"Somewhat useful but I still have questions."</i>	27	36
<i>"I'm still lost."</i>	4	5

Evaluation

Student Success Story

During a f2f class visit, a student asked me how many times she could take the GoResearch! final quiz. She found the feedback to be so helpful that she planned on using GoResearch! for help with future research topics. I explained that we only award one certificate per student. She said that was OK because she was more interested in the feedback she would be getting on her topics!

This student clearly found GoResearch! to be a useful tool.

Evaluation

Faculty Feedback

“I have found the Go Research! tutorial to be of great benefit to students. In some cases it confirms that the student knows how to conduct online research, and in other cases it points out where the student needs to improve. Having a librarian provide such feedback gives the student a chance to increase their skills. I have had only positive feedback from students in my classes, and the resulting class effort confirms that the tutorial works.”

-- Dr. David Freed, MSA Faculty, CMU

Evaluation

Faculty Feedback

“A well crafted tutorial with positive student experiences reported in all my MSA 600 classes. Students were incentivized through extra credit to complete and master the tutorial. Excellent results achieved!”

-- Dr. Milan M. Chonich, Associate Graduate Faculty,
Global Campus, CMU

Evaluation

Faculty Feedback

“...it helped several students to better navigate through with their research. What I have found is that since I’ve required it, I’ve had fewer students coming to me stating that they are having trouble finding relevant articles. I’m not sure that’s because of the tool, or if they are asking more of the librarians.”

-- Donald Friesner, MSA Faculty, CMU

Evaluation

Librarian Feedback

In the past year, approximately how many responses have you completed for the GoResearch! Putting It All Together Quiz?

Quantity

0 - 10	0	0.00%
11 - 20	4	66.67%
More than 20	1	16.67%
Don't remember	1	16.67%
- Other -	0	0.00%
Total	6	100.00%

Evaluation

Librarian Feedback

In the past year, how often did you withhold the completion certificate and ask the student to revisit the tutorial and resubmit the quiz?

Rejected Submissions

Never (0)	2	33.33%
Sometimes (1-3)	4	66.67%
Often (more than 3)	0	0.00%
- Other -	0	0.00%
Total	6	100.00%

Evaluation

Librarian Feedback

Please estimate the amount of time spent responding to a single Putting it All Together quiz submission.

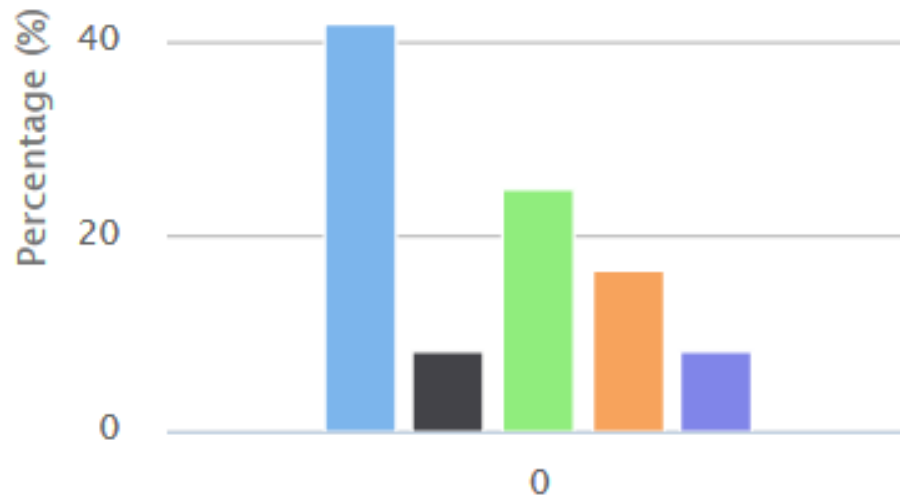
Time on Task

1 - 5 minutes	0	0.00%
6 - 10 minutes	0	0.00%
11 - 20 minutes	6	100.00%
more than 20 minutes	0	0.00%
- Other -	0	0.00%
Total	6	100.00%

Evaluation

Librarian Feedback

Please indicate how you promote use of GoResearch to students.

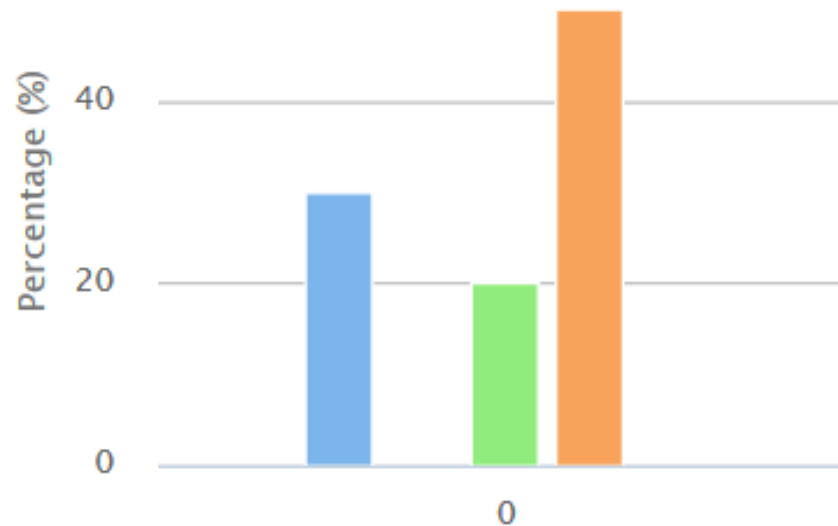


- Mention during instruction sessions**
- Suggest in response to Ask a Librarian question:**
- Suggest to faculty**
- Link to tutorial from guides I edit**
- Other -**

Evaluation

Librarian Feedback

How has GoResearch! been used with the classes you instruct?

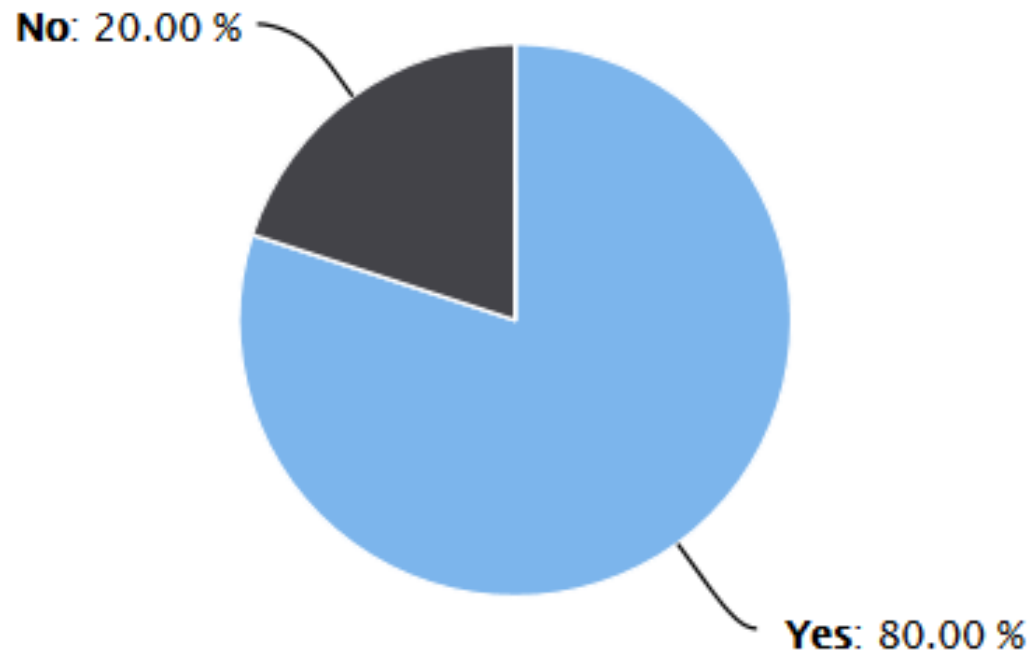


- Pre-class assignment
- In-class activity
- Post-instruction evaluation
- Promoted during session
- - Other -

Evaluation

Extra Credit

Have you worked with faculty who have offered extra credit to students completing the GoResearch tutorial?



Evaluation

Librarian Feedback

Perceptions about student performance

Most students seem to have gained information literacy skills.	0	0.00%
Most students seem to have gained information literacy skills, but a few either don't get it or don't care to put forth the necessary effort.	3	50.00%
A significant number of students struggle with applying information literacy concepts in their research.	2	33.33%
A significant number of students don't appear to put forth the effort necessary to demonstrate that they have gained information literacy skills.	1	16.67%
- Other -	0	0.00%
Total	6	100.00%

Evaluation

Librarian Feedback

Perceptions about Tutorial/Quiz

The learning objectives are appropriate and the quiz responses demonstrate whether or not the student has met them.	2	33.33%
The learning objectives are appropriate but the quiz responses don't really demonstrate that the student has met them.	4	66.67%
The quiz responses reflect whether students have met the learning objectives, but the learning objectives themselves need revision.	0	0.00%
- Other -	0	0.00%
Total	6	100.00%

Evaluation

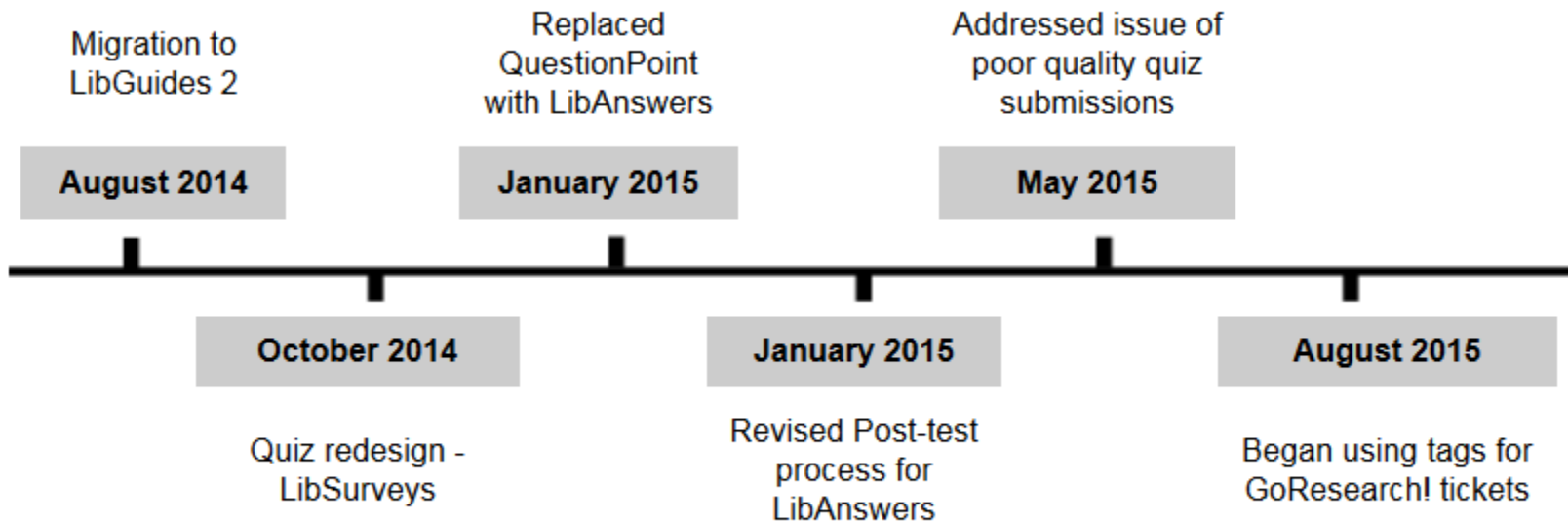
Librarian Feedback

Please indicate your satisfaction with the current process for responding to GoResearch! quiz submissions.

Perceptions about process

I am satisfied with the current process for responding to quiz submissions.	6	100.00%
The process for responding to quiz submissions needs revision.	0	0.00%
The process for responding to quiz submissions needs clarification.	0	0.00%
Responsibility for responding to quiz submissions needs to be re-evaluated.	0	0.00%
- Other -	0	0.00%
Total	6	100.00%

Revision



Template

<http://libguides.cmich.edu/tutorialtemplate>



[CMU Libraries](#) / [Research Guides](#) / [Template: CMU's GoResearch! Tutorial](#) / [Getting Started](#)

Template: CMU's GoResearch! Tutorial: Getting Started

URL: <http://libguides.cmich.edu/tutorialtemplate>

Getting Started	Developing a Research Question	Selecting Resources	Searching	Refining Search Results
Getting Full Text	Citing Sources	Putting It All Together	Answers Page Template	

About the Tutorial
[Describe the tutorial here]

What Will You Learn?
[List learning objectives here]

How to Navigate
[Describe how to navigate the tutorial here]

What do you already know?
[Insert pre-tutorial assessment survey here]
See sample survey at: <http://www.libsurveys.com/loader.php?id=1088>

Does this help?
[Insert POLL here]
See sample poll at:
<http://libguides.cmich.edu/goresearch/gettingstarted#s-lg-box-wrapper-2391349>

Template

Answer Page



University Libraries

University Library | Global Campus Library | Clarke Historical Library

[CMU Libraries](#) / [Research Guides](#) / [Template: CMU's GoResearch! Tutorial](#) / [Answers Page Template](#)

Template: CMU's GoResearch! Tutorial: Answers Page Template

Search All Research Guides

Search

URL: <http://libguides.cmich.edu/tutorialtemplate>

Getting Started

Developing a Research Question

Selecting Resources

Searching

Refining Search Results

Getting Full Text

Citing Sources

Putting It All Together

Answers Page Template

Get your Badge!

Congratulations! You've earned it! Click the link below to get your badge.

[Use Add Document/File to upload badge file here]

Print the Answers!

[Use Add Document/File to upload PDF of Answer Sheet here]

Quiz Answers

[Copy the answers to the quiz for the appropriate module here. For an example of a quiz answers page, see:

http://libguides.cmich.edu/answers_gettingstarted

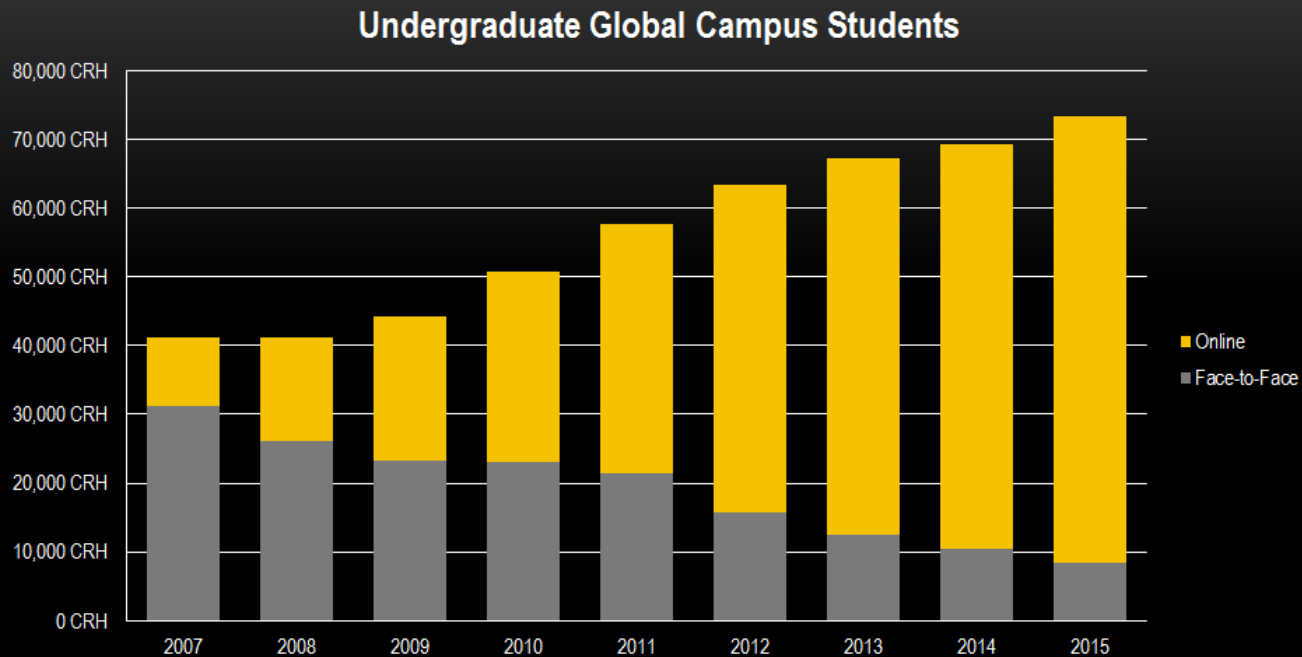
Next Step

[Update links to navigate to appropriate module page]

- [Next module](#)
- [Previous module](#)
- [Tutorial Home](#)

<< [Previous: Putting It All Together](#)

Next Steps/Discussion



- 1 - Significant growth
- 2 - Shift from face-to-face to online

Next Steps/Discussion



Getting Started - Go Research! Tutorial - Research Guides at Central Michigan University Libraries

This self-paced tutorial will teach you effective research skills. After working through each section, complete the Putting It All Together quiz to assess what you've learned. Librarians will evaluate and provide feedback on your submission. Satisfactorily

LIBGUIDES.CMICH.EDU

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3 people like this.

 Seen by 11



Ming Zhang Great.

[Like](#) · [Reply](#) ·  1 · September 8 at 10:06am




Ming Zhang Maybe you guys can create ones targeted at doctoral level projects.

[Like](#) · [Reply](#) ·  1 · September 8 at 10:07am



Cheryl Irvin Love the example of the difference between AND & OR! Funny! I would not be going to a bed or breakfast.

[Like](#) · [Reply](#) ·  1 · 4 hrs

Questions



Resources

Central Michigan University. Enrollment Reports. Fall Semester Enrollment Statistics 2014:

https://www.cmich.edu/office_provost/academic_administration/OIR/Reports/Documents/fall_2014_misc_stats.pdf

Central Michigan University. Enrollment Reports:

https://www.cmich.edu/office_provost/academic_administration/OIR/Reports/pages/enrollment.aspx

Central Michigan University. (n.d.). Locations for CMU Global Campus:

<http://global.cmich.edu/locations/>

Central Michigan University. Quick Facts:

https://www.cmich.edu/office_provost/academic_administration/OIR/Pages/default.aspx

CMU images: <http://cmichphotostore.photoshelter.com/archive>

Men at work image: <http://tinyurl.com/nmv8n2s>