

# Introductory Survey for The Iron Triangle: Libraries and Affordable Education Initiatives

So we can all get better acquainted, please provide input to the following questions as you wait for the session to start.

## Why are you interested in this session?

- We're just beginning to think about OER/affordability
- We've got pilots for OER/affordable courses
- We've firmly underway with OER/affordability initiatives in many courses
- Other: specify \_\_\_\_\_

## What kind of institution do you represent?

- ACRL
- 4-year
- 2-year
- Not affiliated with an institution
- Other: specify

**#BreaktheTriangle**

# The Iron Triangle:

The Library and Affordable Education Initiatives  
ACRL, March 23, 2017



[Karen McKeown](#)  
Gale a part of Cengage



[Will Cross](#)  
NCSU Libraries



[Mike Matousek](#)  
Cengage

# Agenda

- Introduction and Poll: *Where are you with OER today?*
- Exploring The Iron Triangle and education resource affordability
- Partnerships, the library and affordability
- Strategies for engagement
- What are you doing

Questions

**#BreaktheTriangle**

# Power of libraries & joy of learning



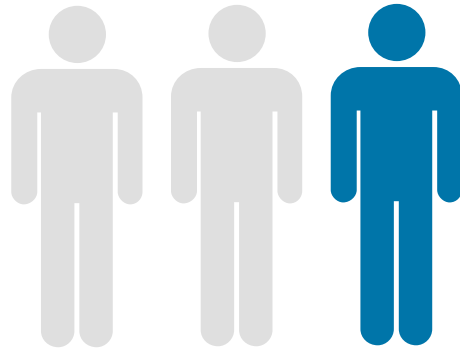
# The Iron Triangle in Higher Education



Some think it's not possible to have lower cost, greater access and better quality all at the same time

# 21M Students

In degree granting post-secondary institutions



skipped buying or renting  
some of their required  
textbooks due to cost

# Demonstrating Impact Example



\$100 savings/student/course  
600 students take course/year  
Possible \$60,000 savings/year/course

100% of students have access Day 1!

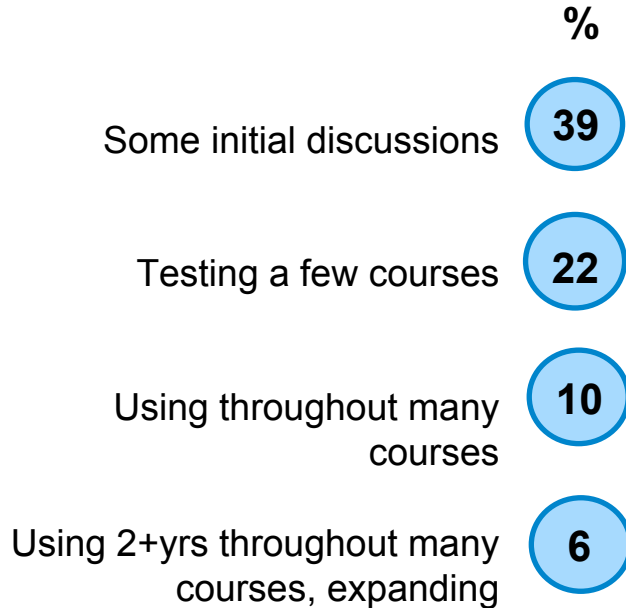
# 80%

*of librarians surveyed believe they have a key role to play in making education materials more affordable to students.*



# Libraries and OER and Affordability Initiatives

Which best describes your library regarding use of creation of OER? (% of total respondents)



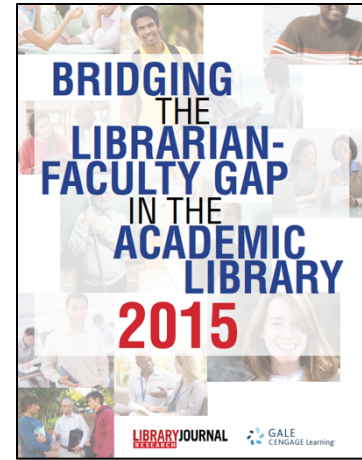
How is your library involved in OER or affordability initiatives? (% of respondents)



~80% of libraries surveyed indicate they are at least having some discussions related to OER

Preliminary results from Gale survey of librarians, 2017

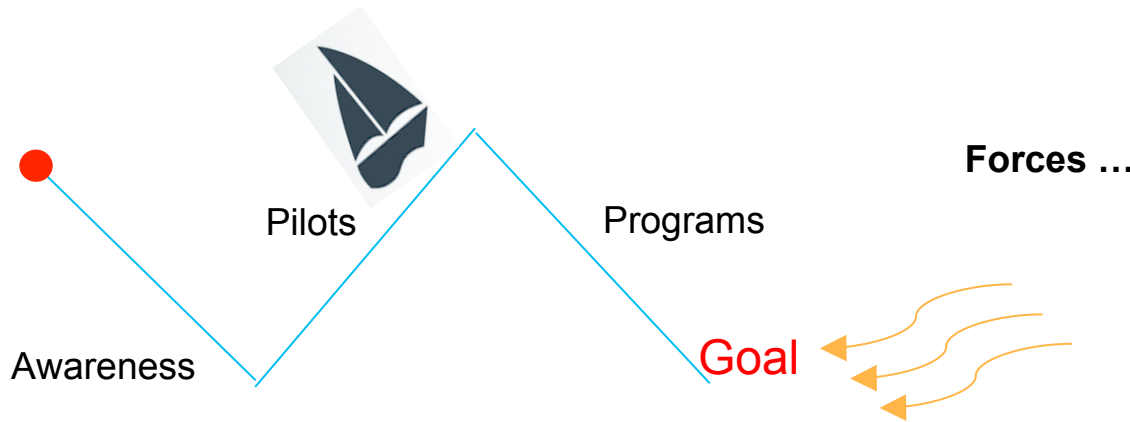
# Navigating the Course



97% of librarians view curriculum support as part of their role, but 74% of Faculty agree

97% of librarians desire improved communication with faculty, but only 45% of faculty agree

**27% of faculty think no need for librarians and faculty to consult**



# Top deterrents to faculty adopting OER

## Finding

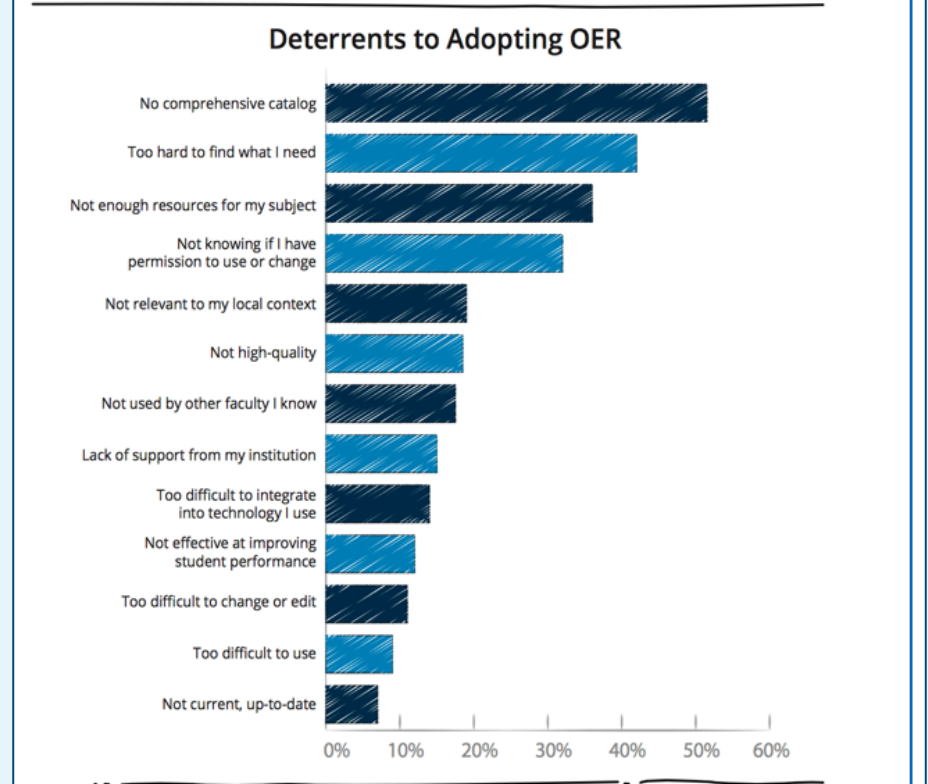
Content coverage,  
quality, currency

Terms of use

Support lacking  
(peers, institution)

Hard to use

**Figure 3.** Deterrents to Adopting OER. Source: *Opening the Curriculum: Open Educational Resources in U.S. Higher Education, 2014*





# Student viewpoint

## Beyond affordability

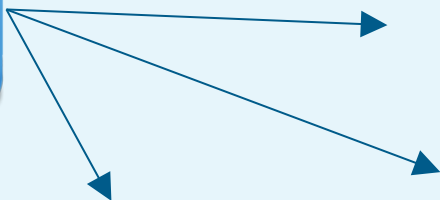
86% wish library materials accessible via course site

96% start research with course readings. 50% go direct to library

# Learning in new ways



# Library as key partner



**Cost**



Saving time and effort,  
sourcing cost effective  
resources



**Access**

Sparking awareness, use,  
training, access to existing  
and open resources,  
repositories, publishing,  
technology integration



**Quality**



Course design, vetting,  
licensing verification, peer  
reviews, analytics



# Partnerships

# Ways Cengage and Gale are partnering with library and faculty

- [MindTap ACE](#)
- Pilot of Gale Affordable Education Resources (
- Gale instruction optimized offerings & features as:
  - *Google Classroom and Microsoft campus integration*
  - *LMS integration*
  - Gale Virtual Reference Library (GVRL) – *NEW features*
  - Gale Researcher (11 subject disciplines now completed) - *NEW*
  - Interactive Science, Anatomy, Chemistry – *NEW*
  - Academic OneFile – *New features*
  - Smithsonian US History - *NEW*
  - *Opposing Viewpoints in Context* – *NEW features*

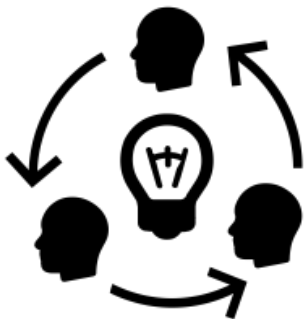




A person with long, light-colored hair is seen from behind, standing on a rustic wooden fence. They are looking out over a vast, open landscape of tall, golden-brown grasses under a clear blue sky. The scene is bright and airy, suggesting a sense of freedom and looking towards the future.

# Moving Beyond the Triangle

# Libraries Breaking the Triangle



**Work  
Together**



**Library  
Expertise**



**Engage  
Students**

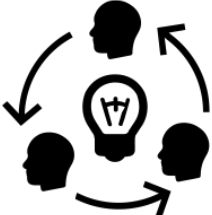


**Fill  
Gaps**

**Cost**



**Access**



**Quality**



A low-angle, perspective shot of a construction site. A line of workers in tan uniforms and hard hats is working on a wooden roof structure. They are holding up long wooden planks. The sky is clear blue. An American flag is visible in the background on the left. The text "Work Together" is overlaid in the center in a large, white, sans-serif font.

Work Together



## About

### About Us

Affordable Learning Georgia (ALG) is:

- A *University System of Georgia (USG)* initiative to promote student success by providing affordable textbook alternatives
- A one-stop service to help USG faculty and staff identify lower-cost, electronic, free, and open educational resources (OER), building on the cost-effective subscription resources provided by GALILEO and the USG libraries
- A California State University-MERLOT partner benefit service

Affordable Learning Georgia helps to fulfill the University System of Georgia Strategic Plan Imperative 1:

Reaffirm Commitment to Collegiate Access and Affordability: The USG will maintain its longstanding commitment to collegiate access, affordability, and value.

To learn more about how open educational resources and open textbooks can move affordability, choice, and accessibility forward, check out our [OER Research Collection page](#).

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Feb

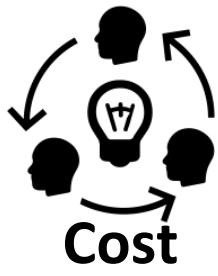
## UNIVERSITY OF NORTH CAROLINA SYSTEM TAKING “AIMS” AT INNOVATION

By Communications

CHAPEL HILL, NC – The University of North Carolina General Administration announced Monday that it has awarded a total of \$150,000 to five of its campuses and to the University Librarians Advisory Council to assist innovative programs that have shown positive results in one of three areas of innovation: academic innovation for affordability; enhancing student success; and financial aid innovations.

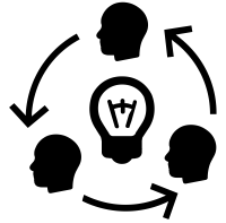
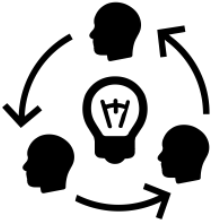
### ACADEMIC INNOVATIONS FOR AFFORDABILITY

- **University Librarians Advisory Council (ULAC)** Since 2006, the costs of college textbooks has increased by 73%, and students spend more than \$1,000 per year on textbooks (\$3 billion per year in the U.S.). A 2016 study found that 66% of students in Florida did not buy textbooks, due to the costs. University libraries around the country are working on high-impact, low-cost or free course resources. UNC system institutions participating in current efforts, referred to as Open Educational Resources, include ECU, NC State University, UNC Charlotte, and UNCG. In the first two years, the NC State effort has saved its students approximately \$250,000 in textbook costs. ECU and UNCG estimate their savings at \$240,000 and \$214,000, respectively. One course saved 215 students a total of \$36,765. A similar system effort in Georgia has saved students an estimated \$31.4 million since 2015. The UNC ULAC will take steps to build the Open Educational Resource capacity at all system institutions. Using \$15,000 of the AIMS grant, ULAC will purchase system-wide membership in the Open Textbook Network, and hold a series of faculty and librarian workshops for participants from all 17 institutions to “train the trainer,” who will conduct additional workshops at their home campuses. The workshops will be made available on the UNC GA website as well. The overall goal is for the initial efforts to grow into system-wide programs to benefit all UNC students and create communities of practice for different academic disciplines. UNC institutions and Hunt Library will match the grant with travel expenses for participants to attend the workshops; contributions of space, staff, and video recording resources for the workshops; and library staff member time to develop online materials.



**Access**

**Quality**



A topographic map of Mariposa National Forest in California, showing various geographical features like mountains, rivers, and lakes. Overlaid on the map are several pieces of outdoor gear: a green and black braided rope with a black handle, a black water bottle, a silver and black compass with a yellow ring, a black camera, and a black camera lens. The text "Leverage Library Expertise" is centered over the map in a large, bold, black font.

# Leverage Library Expertise





## Alt-Textbook Project

Call for Proposals

Faculty Guide to OERs

Projects

# Alt-Textbook Project

NCSU Libraries awards grants to faculty to adopt, adapt, or create free or low-cost alternatives to expensive textbooks. In the Fall 2014 term, the NCSU Libraries awarded a first round of grants, saving NC State students more than \$250,000 in the one year. The second round of Alt-Textbook projects are underway, expected to save students over \$100,000 more.



## How to Apply

Complete the [Call for Proposals](#) form with information about your course and a brief narrative describing your proposed alternative to a commercial textbook. All current faculty members of NC State University teaching courses in Spring or Fall 2017 are eligible to apply. To learn more, or to schedule a consultation, contact the [Copyright & Digital Scholarship Center](#).

## Information Sessions

There are no scheduled information sessions. For more information, [contact us](#).

## Open Textbooks and NCSU Libraries

The NCSU Libraries is committed to fostering change in the current textbook publishing environment. The Libraries' [Copyright and Digital Scholarship Center](#) is available to partner



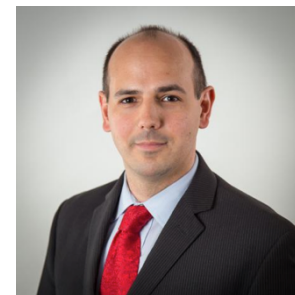
**Kris Alpi**  
**Project Design**



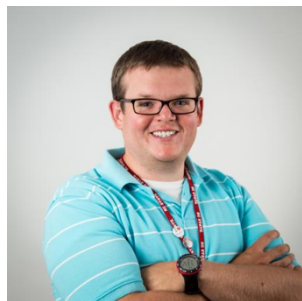
**Anne Burke**  
**Course Design**



**Jason Ronallo**  
**Digital Projects**



**Will Cross**  
**Copyright**



**Brian Pugsley**  
**Student Experience**



**Hannah Rainey**  
**Education**



**Lillian Rigling**  
**Open Culture**



**Sydney Thompson**  
**Access Services**



**Cost**



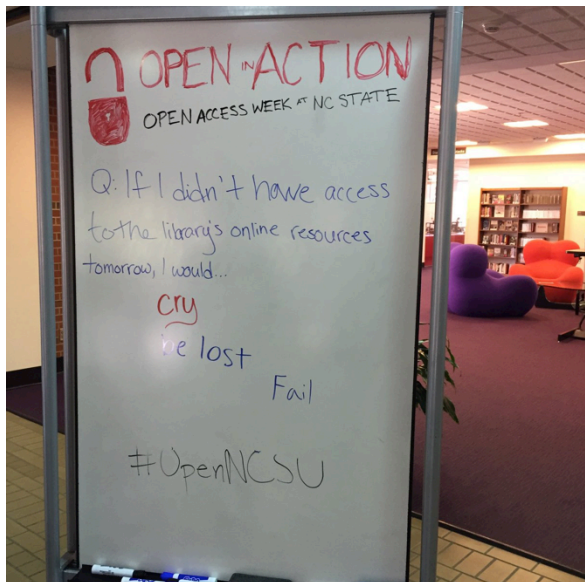
**Access**

**Quality**



# Engage Students





Resolution 91

A RESOLUTION TO BE ENTITLED AN ACT TO COMMEND NCSU LIBRARIES ON THE ALT-TEXTBOOK PROJECT AND ENCOURAGE UNIVERSITY FACULTY TO INITIATE MORE PARTICIPATION IN THIS PROJECT

Short Title: Alt-Textbook Project Act

Sponsors: Senator Moravec (Corresponding)

Secondary Sponsors: Senator Johnson, Senator Plummer, Senator Hatch

Signatories:

Referred to: University Affairs

Version: Final

First Reading: 4 March 2015

Second Reading: 25 March 2015

- 1 WHEREAS, Textbook costs for college students have become a significant financial burden that  
2 many students are unable to afford; and,
- 3 WHEREAS, The price of textbooks has outpaced inflation by 300% over the last 30 years with  
4 most students spending an average of \$1,200 per year on textbooks. Seven out of  
5 ten students have forgone purchasing college textbooks because of cost, according  
6 to a recent PIRG survey across 13 college campuses and information from NCSU  
7 Libraries; and,
- 8
- 9 WHEREAS, There are numerous options available as alternatives to the current textbook  
10 system, including free online resources and open-source educational materials;  
11 and,
- 12
- 13 WHEREAS, NCSU Libraries awarded grants in Fall 2014 to faculty members wishing to pursue  
14 low-cost alternatives to textbooks, with total savings for students estimated at  
15 \$20,000 in the first year of the program, and another call for proposals in the  
16 2015-2016 year expected to be announced this summer; now therefore so be it,
- 17
- 18 RESOLVED, that the NC State Student Senate fully supports program and commends NCSU  
19 Libraries for their progress in shifting the current textbook.; and be it further,
- 20
- 21 RESOLVED, that Will Cross from the NCSU Libraries Copyright & Digital Scholarship Center  
22 and Christopher Tonelli of the University Libraries Committee receive copies of  
23 the bill, effective upon enrollment.



# UNDERGRADUATE ORGANIC CHEMISTRY TEACHING LABORATORIES



- » [NCSU Home](#)
- » [NCSU Chemistry Department](#)

Department of Chemistry | College of Sciences

» [HOME](#)

» [WHAT WE DO](#)  
Lab Manuals

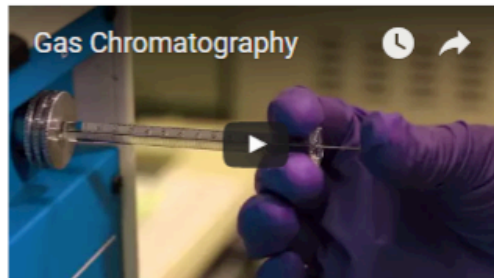
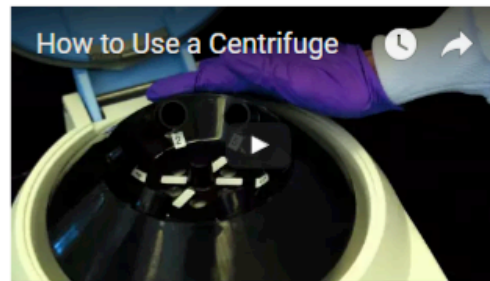
» [WHEN WE DO IT](#)  
Lab Schedules /  
Syllabae

» [HOW TO DO IT](#)  
S.M.A.R.T. Lab  
Videos

Techniques  
**Instrumentation**  
Demonstrations  
Calculations  
Safety  
Real World

## S.M.A.R.T. Lab Videos

### Instrumentation





**Cost**



**Access**



**Quality**

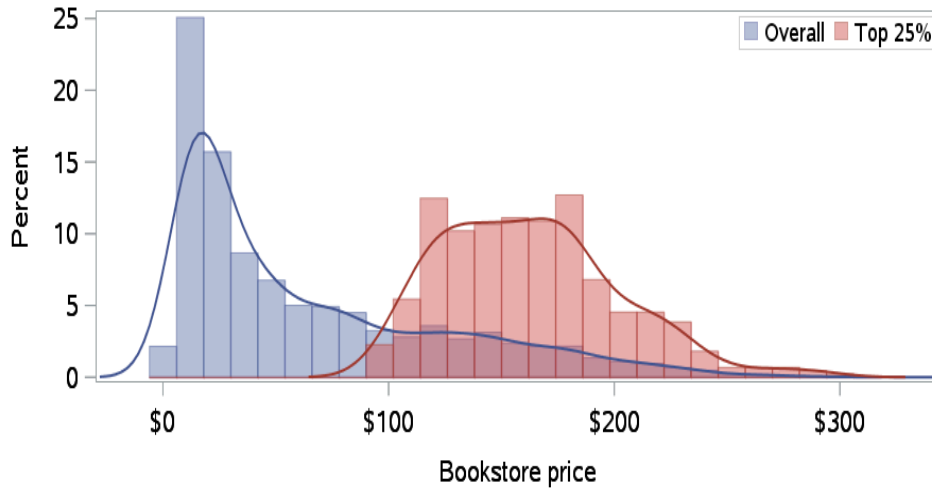




# Filling Gaps



# Research: *Data + Relationships = Advocacy*



A screenshot of a Facebook group page for 'Textbook Exchange'. The group is an open group within NC State. The cover photo shows a 'SAVE ON USED BOOKS' sign and a book cover for 'FRANKENSTEIN MARY SHELLEY'. The group has 4,712 members (40 new). The description is 'Buy, sell and trade textbooks with other students on campus.' The group type is 'Buy and Sell'. There are two items for sale:

- I have a lot of different textbooks will sell them all cheaply**  
FREE  
Raleigh, North Carolina
- Engineering, Math, PE, History, Economics Textbooks**  
FREE  
Cary, NC (27606)  
Textbooks (from top to bottom of stacked picture, prices negotiable):...

[HOME](#) / [STORIES](#) / WHEN THE TEXTBOOK YOU NEED HASN'T BEEN WRITTEN YET

[← Back to Library Stories](#)

## When the textbook you need hasn't been written yet





Look inside

Kindle	<b>Hardcover</b>	Other Sellers
\$313.50	<b>\$270.00 - \$330.00</b>	from \$198.00

Buy used \$270.60

**Buy new** **\$330.00**

Only 2 left in stock (more on the way).

Ships from and sold by Amazon.com. Gift-wrap available.

16 Now from \$166.00

Want it tomorrow, Jan. 20? Order within 2 hrs 12 mins and choose One-Day Shipping at checkout. [Details](#)

FREE Shipping.

Qty: 1

Add to Cart

Turn on 1-Click ordering

Ship to: RALEIGH, NC 27601

Professors have trouble finding just the right textbook. And even when they do, students have trouble affording it.

Professors have trouble finding just the right textbook. And even when they do, students have trouble affording it. The NCSU Libraries **Alt-Textbook program** addresses both of these disappointingly common problems—and improves instruction in the process.

## NATIONAL LEADERSHIP GRANTS FOR LIBRARIES

**Deadlines:** September 01, 2016

February 01, 2017

**Grant Info:**

**Program Overview:**

National Leadership Grants for Libraries (NLG) support projects that address significant challenges and opportunities facing the library and archive fields and that have the potential to advance theory and practice. Successful proposals will generate results such as new tools, research findings, models, services, practices, or alliances that will be widely used, adapted, scaled, or replicated to extend the benefits of federal investment.

For the NLG program, applications must designate one of the following project categories:

- Community Anchors
- National Digital Platform
- Curating Collections

<b>FY 2017 Cycle 1</b>	<b>FY 2017 Cycle 2</b>
------------------------	------------------------



**Cost**



**Access**

**Quality**



**What Can  
You Do Right  
Now?**



# **Your Efforts:**

## What do you think?

Your thoughts on OER - Take the [SURVEY](#) - get findings  
Comments: #BreaktheTriangle







# The Iron Triangle:

## The Library and Affordable Education Initiatives ACRL Presentation, March 23, 2017

[Karen McKeown](#), Director Discovery & Analytics, Gale Cengage, @GaleAcademic or @KarKeown

[Mike Matousek](#), Director Content Strategy Cengage @GaleAcademic

[William M. Cross](#), J.D., M.S.L.S., Director, Copyright & Digital Scholarship Center NCSU Libraries

[@tceles\\_B\\_hsup](http://www.lib.ncsu.edu/cdsc) ORCID: 0000-0003-1287-1156

Slides available. Your thoughts on OER - Take the [SURVEY](#) - get findings

**Comments: #BreaktheTriangle**

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