Open Education on Student Time:

Library Instruction that Empowers Student Understanding and Advocacy

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Outline

Part I: Lecture

- Open Education on Student Time: what does that *really* mean?
- Case Studies:
  - The Alt-Textbook Project
  - The Summer of Open Science Workshop and Event Series
  - Ready. Set. Go! Workshops Series

Part II: Hands-on

- Building a Plan of Action

Who are we?

Lillian Rigling

North Carolina State University Libraries

Librarian/Fellow

Raleigh, NC

Tweet lillianrigling.com

Open Education/Open Access, Openness in STEM, Student Outreach, User Experience

Madison Sullivan

University of Washington Libraries

Business Research and Instruction Librarian

Seattle, WA

Madison Sullivan is a Business Research and Instruction Librarian at the University of Washington Libraries in Seattle, WA. Madison was a 2015-2017 NCSU Libraries Fellow and a 2016 ALA Emerging Leader. She received her MSLIS at the University of Illinois at Urbana-Champaign.

Will Cross: Director of the Copyright and Digital Scholarship Center, NCSU Libraries

Eka Grguric: Libraries Fellow, NCSU Libraries

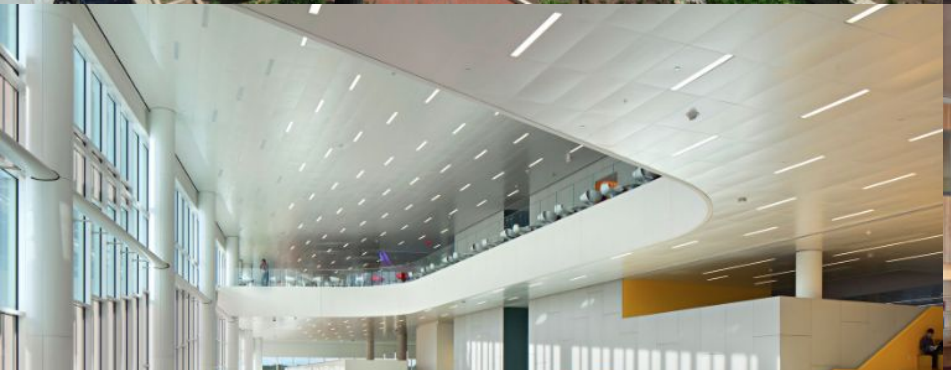
NC STATE

At NC State, ideas become solutions. We unite bold thought with purposeful action and use the results to overcome society's grand challenges.

34,000 Students

STEM Focus

NCSU LIBRARIES

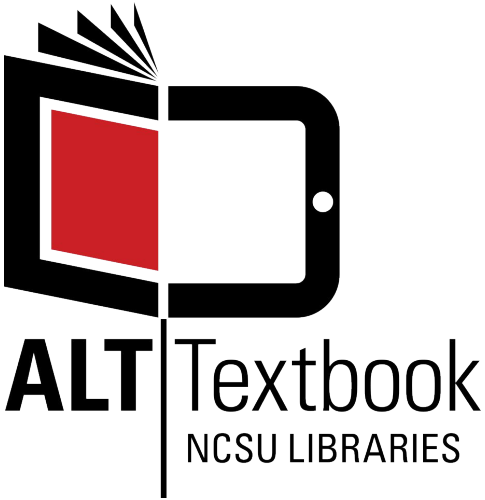


What is “student time?”

Structural Support for Student Voices

Vermont Timber Works Inc. [CC BY-SA 3.0], via Wikimedia Commons

Case Studies



NCSU LIBRARIES
SUMMER
of
OPEN SCIENCE

Data gathering:
User Research to understand a complex problem space.

Very clearly split into two areas:

- Modern Research Skill Gap
- Lack of Incentive to
  - develop new skills
  - invest time in activities that didn’t contribute to tenure or funding

Making Use of Local Knowledge: Workshop and Event Series

Outreach/Instruction Goals:

- addressing modern research skill gap, explore how the libraries could better support modern research practice
- test running strategies in the summer
- Impacted the development of further Makerspace programming and Data + Viz Workshop Series
- determining best next steps for the initiative

Core Topics

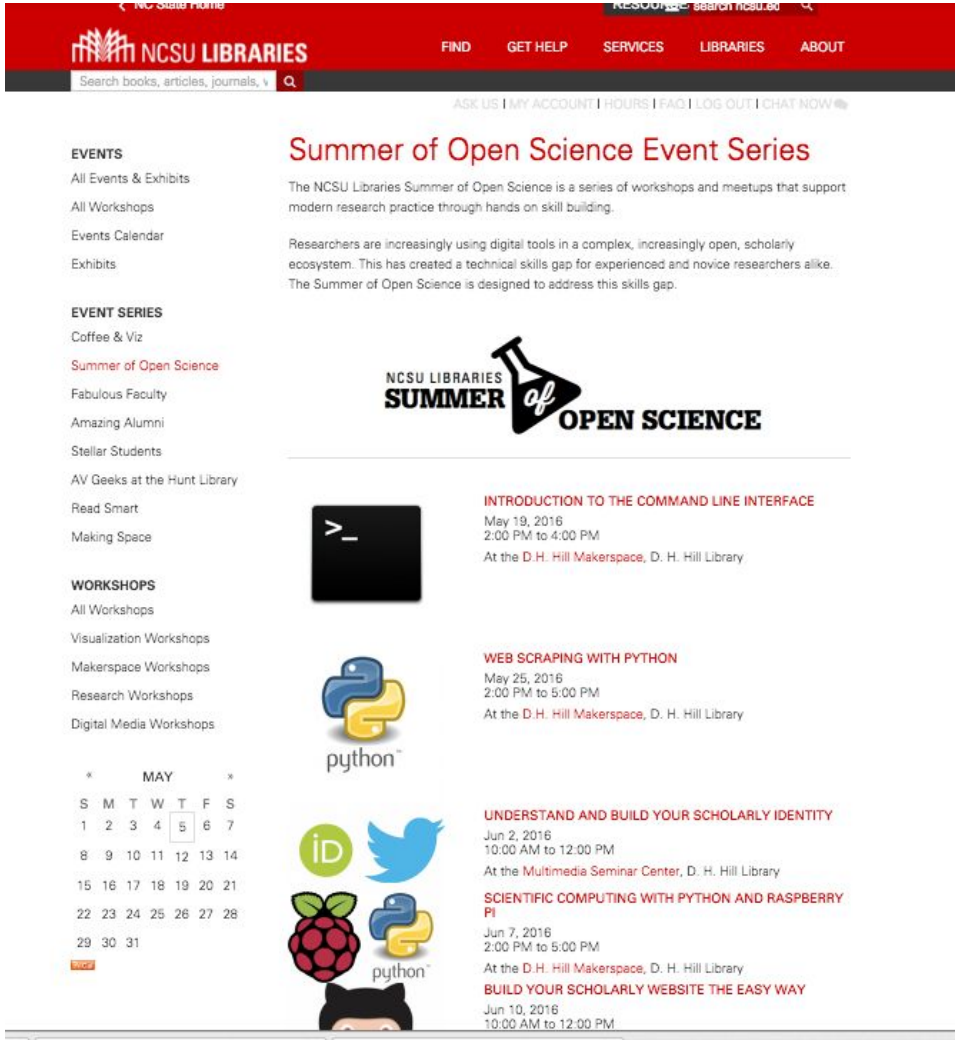
Workshops

- Intro to the Command Line Interface
- Web Scraping with Python
- Understand and Build Your Scholarly Identity
- Build Your Scholarly Website the Easy Way

Events

- Meetups
- End-of-Summer Showcase

Topics drawn from: User research interviews in the Open Science Initiative; the Makerspace Survey; and follow-up interviews in a Data and Visualization Workshop series. Topics were also informed by other similar programs such as Software Carpentry.



Instructors + variety of expertise

Brittany Johnson

Eka Grguric

Lauren DiMonte

Alison Blaine

Madison Sullivan

Will Cross

Todd Stoffer

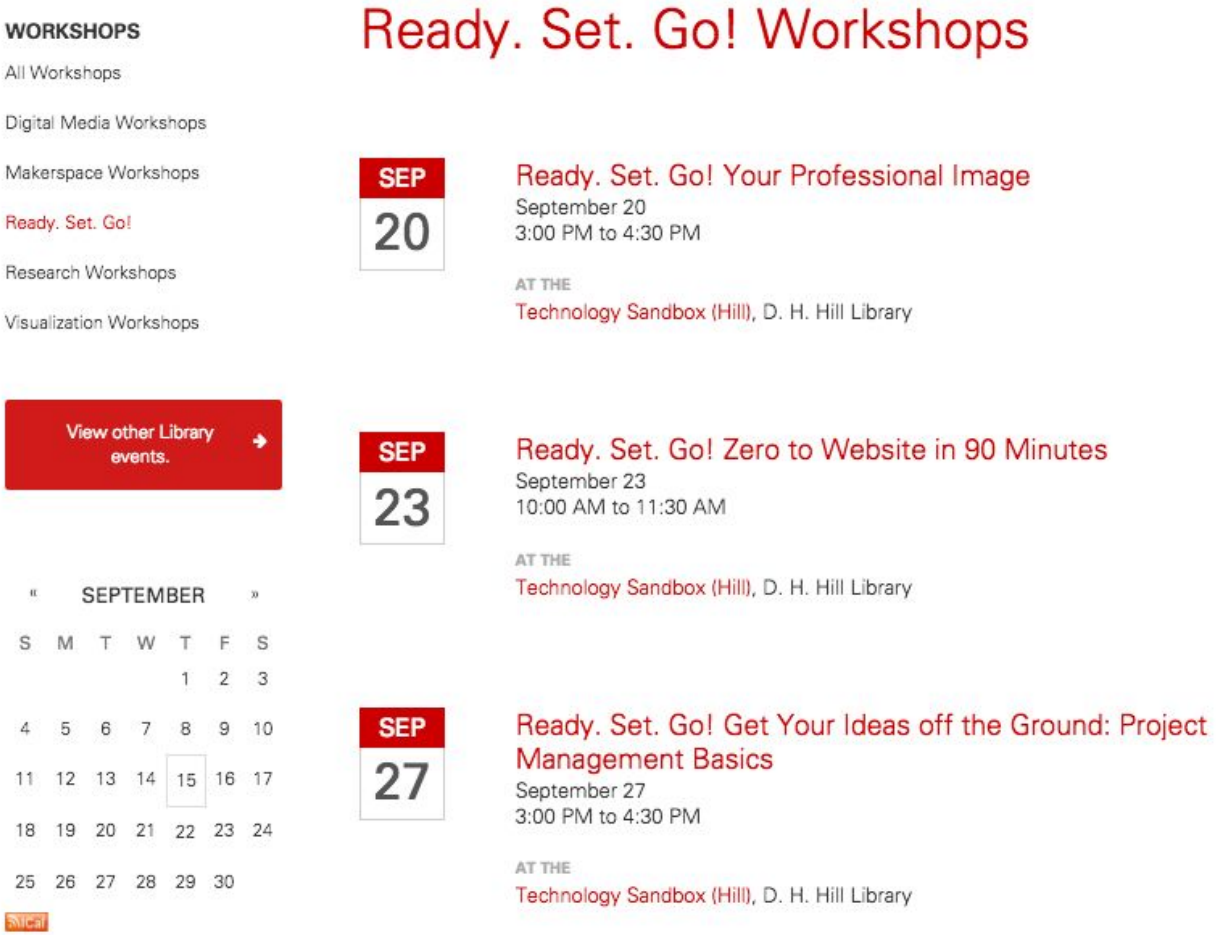
40 departments across ~16 colleges = interdisciplinary need

NEW AT THE LIBRARIES!

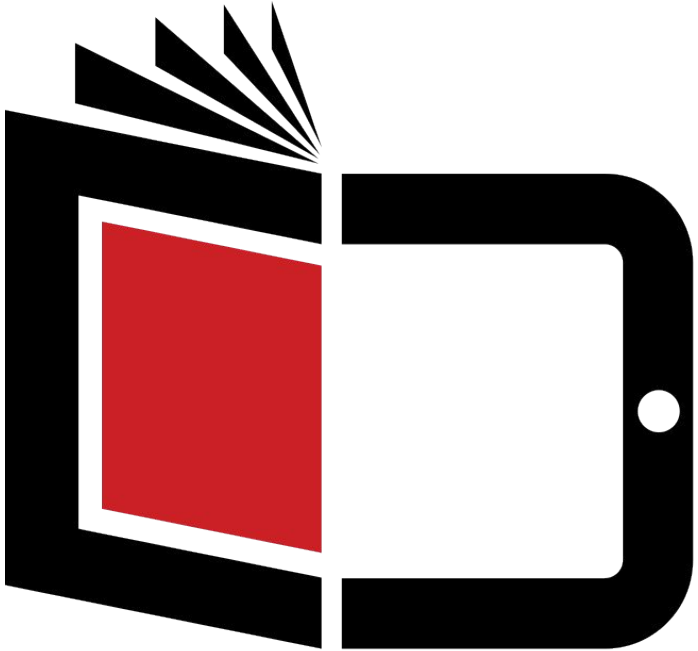
READY. SET. GO!

WORKSHOPS FOR SUCCESS AT NC STATE AND BEYOND

- Workshop series to build professional skills and career readiness - undergraduate focused
- Reworked existing services and library expertise into a framework for addressing rising student needs and alternative literacies



- Pilot program to see what works and what doesn't
- 10 workshops, held 2-3 times each throughout the semester; experimented with timing
- Establishes the library as a player in these areas; changes perceptions



ALT Textbook

NCSU LIBRARIES

NORTH CAROLINA STATE UNIVERSITY STUDENT SENATE

94th SESSION, 2014-2015

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

WHEREAS, Textbook costs for college students have become a significant financial burden that many students are unable to afford; and,

WHEREAS, The price of textbooks has outpaced inflation by 300% over the last 30 years with most students spending an average of $1,200 per year on textbooks. Seven out of ten students have forgone purchasing college textbooks because of cost, according to a recent PIRG survey across 13 college campuses and information from NCSU Libraries; and,

WHEREAS, There are numerous options available as alternatives to the current textbook system, including free online resources and open-source educational materials; and,

WHEREAS, NCSU Libraries awarded grants in Fall 2014 to faculty members wishing to pursue low-cost alternatives to textbooks, with total savings for students estimated at $20,000 in the first year of the program, and another call for proposals in the 2015-2016 year expected to be announced this summer; now therefore so be it,

RESOLVED, that the NC State Student Senate fully supports program and commends NCSU Libraries for their progress in shifting the current textbook.; and be it further,

RESOLVED, that Will Cross from the NCSU Libraries Copyright & Digital Scholarship Center and Christopher Tonelli of the University Libraries Committee receive copies of the bill, effective upon enrollment.

TECHNICIAN

PAGE 6 · MONDAY, FEBRUARY 1, 2016

Features

Program cuts textbook prices, involves students

Samuel Griffin
Staff Writer

College textbook prices have risen 1,041 percent from January 1977 to June 2015, according to NBC's review of data from the Bureau of Labor Statistics. A team from NC State is working to reduce textbook prices while also allowing instructors to customize their course textbooks.

"I don't need to tell you that textbooks are expensive, people are struggling to buy them," said William Cross, director of the NC State Copyright & Digital Scholarship Center. "About 65 percent of students don't buy the textbook every year, and about 10 percent of students fail."

Cross and his team have created a program to lower that 10 percent statistic by providing grants to teachers to create free alternative textbooks. The Alt-Textbook program aims to cut textbook costs for students and give teachers a chance to teach off the book.

"We want to do something to empower our faculty to do the cool teaching they want to do," Cross said. "If you're going to bring in really smart people from around the country, don't have the textbook teach the class, have the faculty member teach the class."

Cross said the program aims to involve students in the creation of new Alt-Textbooks, as well. With Alt-Textbooks, the material becomes more catered to the student-teacher relationship as opposed to one-size-fits-all textbook according to Cross.

A team from NC State created the program Alt-Textbook with the goal of lowering textbook prices and allowing instructors to customize their textbooks.

KYLE CANTRELL/TECHNICIAN

1,041%
rise in college textbook prices since January 1977

universities such as East Carolina University and UNC-Charlotte have begun to adopt similar programs. Cross said he is excited about the possibility of Alt-Textbooks becoming a System-wide program in the future, but doesn't think that it's going to happen anytime soon.

"We spent $12,000 and saved students $200,000," Cross said. "If all of the System schools put together and had similar results, that's millions of dollars for students."

Alt-Textbooks are

cesses and shortcomings of the various different textbook alternatives created. Cross said NCSU Libraries has also been working with the college library community to try to get Alt-Textbook programs not just statewide, but on a national and global level.

"That's one of the exciting things about open-education sources is that you get people in developing parts of the world that don't have a $100 textbook," Cross said. "They have a $10 textbook. Do you want to keep making these individual projects that are then federated outward or a more uni-

open alternatives across eight different departments. This year the program is working with instructors across nine different departments. One of the biggest successes of the program came in the form of a chemistry lab. State that replaced its textbook with a video library. Student-Made Audiovisual Forcing Techniques, or SMART, for short.

The videos were created by Alt-Textbook Fellows, including Maria Galla

began last year

Textbooks

Textbooks on reserve at the NCSU Libraries

We have at least one copy of every required textbook for Fall and Spring semesters, available for 2-hour loans.

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Course Catalog

Class Search

Step 1: Choose Career (optional)

Academic Career

Step 2: Choose Search Criteria

Search by subject:

Browse | Enter Code or Subject Name

- OR -

Search by keyword:

All of these words

Enter keyword(s)ex: Civil War

- OR -

Search by General Education Program:

Search Results

Circulation + **Price** + **Enrollment**

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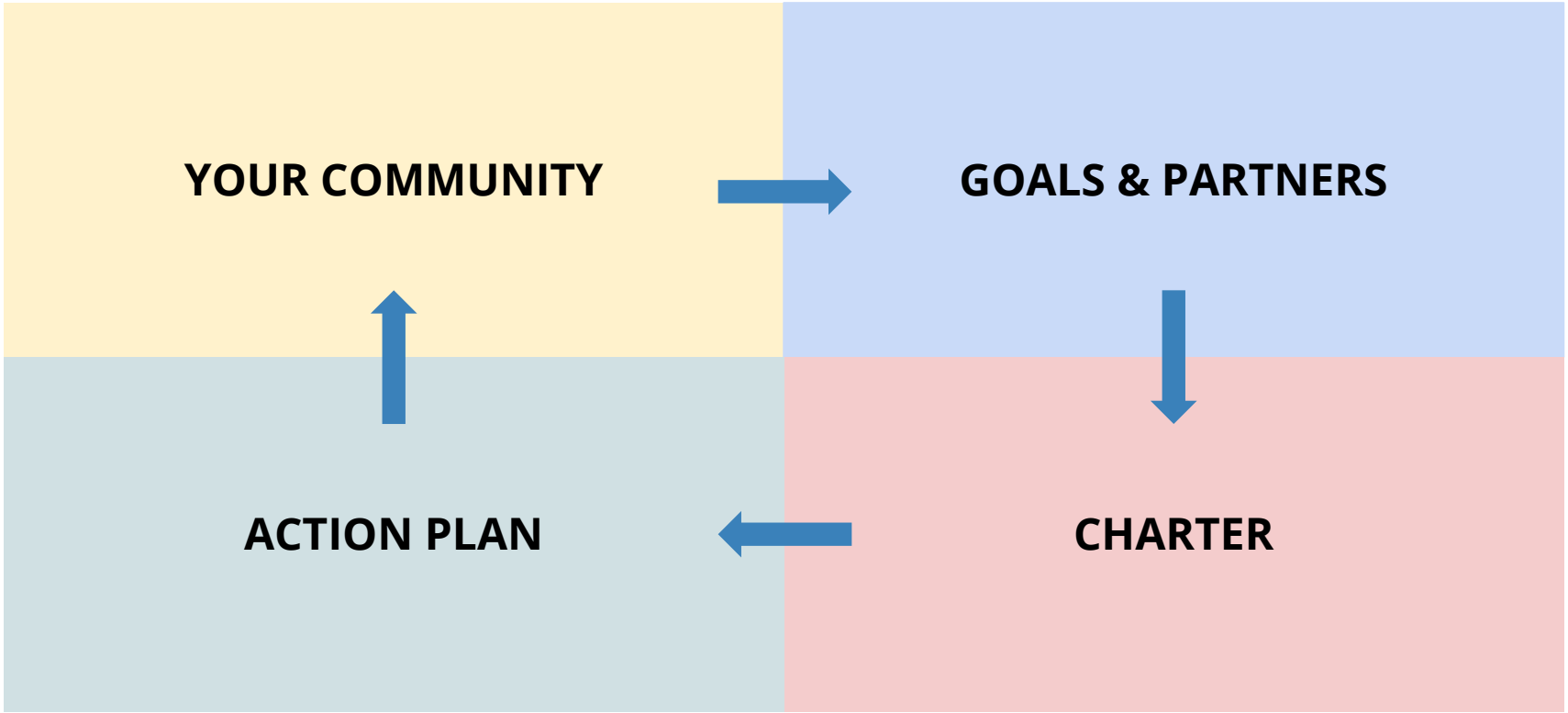
Starting Point for Advocacy...

From data to conversations:

- Student Government
- Student Advisory Forum
- Individuals
- Pop-up events

Worksheet



Thank you! Questions?