
The Peer Scholars Program & Libraries Workshops

NCSU Libraries
March 2018

Jennifer Garrett

Background: Visualization Workshops



go.ncsu.edu/vizmaterials

Data Visualization Workshops

Materials from our popular [Data Visualization Workshop Series](#) at NCSU Libraries

Getting Started with Data Visualization I: Tools for Research

In this introductory workshop to data visualization, participants will gain an understanding of the process of forming good visualizations and practice with

[DOC](#) | [Dataset](#)

Getting Started with Data Visualization II: Elements of Visualization Design

In this workshop, participants will have the opportunity to strengthen your understanding of the process for making good visualizations, review core design concepts, learn about various chart types and their best case uses. Participants will also practice doing a visualization makeover.

Slides: [PPT](#) | [Instructions](#) | [Dataset](#) | [YouTube Screencast](#)

Tableau I

Tableau is a free data visualization software. In this introductory workshop to Tableau, participants will learn how to upload a dataset to Tableau, learn about the visualization types available in Tableau, create multiple visualizations and a dashboard including a bar chart, map, line chart, and tree map. You will also learn how to publish a visualization.

Slides: [PDF](#) / [PPT](#) | [Instructions](#) | [Dataset](#) | [Videos](#)

This project is maintained by [alblaine](#)



Hosted on GitHub Pages — Theme by [ordoredlist](#)

Emerging Tools & Skills: Tableau, R Programming, and others!

R for Absolute Beginners



WHEN

Wednesday, March 21, 2018

1:00pm - 3:00pm

[Add to Calendar](#)

WHERE

- [ITTC Lab 2](#) at the D. H. Hill Library

WORKSHOP DESCRIPTION

Harvesting Data from Twitter



INSTRUCTORS



Alison Blaine

Data & Visualization Librarian

Visualize Your Data with Tableau



WHEN

Friday, February 9, 2018

10:30am - 12:00pm

[Add to Calendar](#)

WHERE

- [ITTC Lab 2](#) at the D. H. Hill Library

WORKSHOP DESCRIPTION

This workshop will provide a hands-on introduction to creating interactive visualizations with Tableau Public, a free tool for creating visualizations and

INSTRUCTORS



Jennifer Garrett

Head of Digital Research Education & Training



Hannah Rainey

NCSU Libraries Fellow

Library

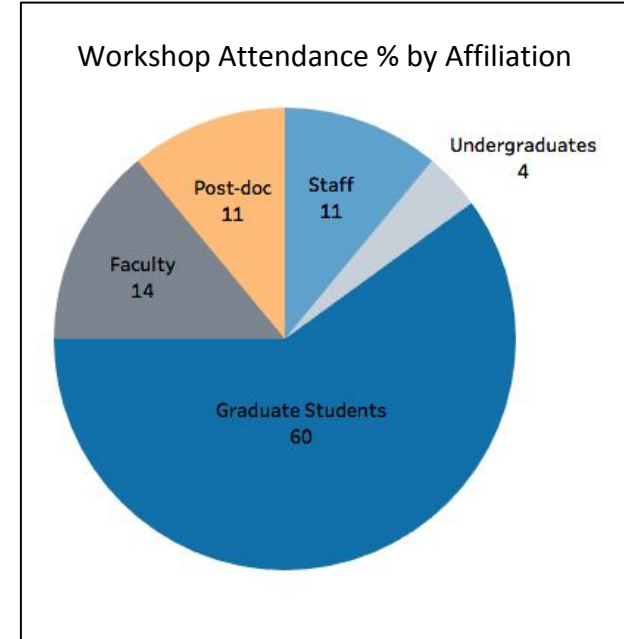
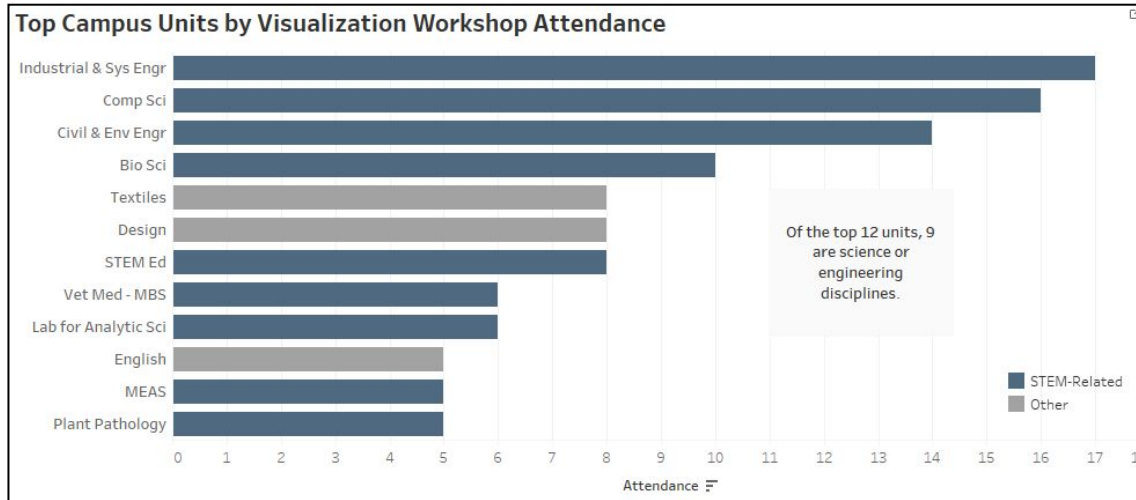
ession (rather than a
will learn how to
rc, a command line
working with the

Background: Context & Need

2016 - 2017

60 workshops offered

80 units represented, including departments and colleges



Context & Need

- Need for scaling & advanced topics
 - Surveys & interviews informed changing needs of researchers
 - Need for advanced skills training identified across campus
 - Graduate students and postdoctoral scholars indicated need for teaching experience
 - Compensation explored to help incentivize those that offered to teach

Partnerships Established



THE GRADUATE SCHOOL

Postdoctoral Association

NCSU LIBRARIES

PEER SCHOLARS

PROGRAM

The Peer Scholars Program is a series of workshops run through NCSU Libraries and led by postdoctoral scholars and graduate students with specific research skills, including (but not limited to) design, programming, analytics, immersive technologies, visualization, and data analytics. The events are open to NC State students, faculty, and staff. For more information, read the [press release](#) and if you have further questions contact [Mohan Ramaswamy](#) or [Jennifer Garrett](#)

Benefits & Incentives

- Early career researchers select topics/tools that exist “in the wild”
- Improve research productivity and efficiency across the research lifecycle
- Scholars gain:
 - Valuable teaching experience
 - Opportunities to improve communication skills
 - Exposure to classroom technologies in an informal teaching setting
 - Peer-to-Peer learning and collaboration opportunities
 - Honorarium (\$150 per talk / \$300 per workshop)
- Library as partner and hub

Implementation



Google Analytics

INTRODUCTION TO GOOGLE ANALYTICS

Feb 9, 2018

11:00 AM to 12:30 PM

Visualization Studio in D. H. Hill Library

At the Visualization Studio in D. H. Hill Library



BASICS OF ADOBE ILLUSTRATOR FOR RESEARCH GRAPHICS

Feb 7, 2018

10:00 AM to 12:00 PM

At the Creativity Studio

L^AT_EX

A LaTeX Primer

Mar 21, 2018

10:00 AM to 12:00 PM

AT THE

Teaching and Visualization Lab, James B. Hunt Jr. Library



ANALYZING QUALITATIVE DATA USING NVIVO

Feb 5, 2018

2:00 PM to 3:30 PM

At the Multimedia Seminar Center



GitHub

USING GITHUB FOR COLLABORATION

Sep 12, 2017

11:00 AM to 12:30 PM

At the Fishbowl Forum



Created by Gan Khooi Lay
from Noun Project

Communicate Your Science: How to Pitch Your Research to the World!

Mar 15, 2018

2:00 PM to 3:30 PM

AT THE

Multimedia Seminar Center, D. H. Hill Library



NO CODING NECESSARY: DIGITAL GAME DESIGN FOR EVERYONE!

Nov 10, 2017

10:30 AM to 12:00 PM

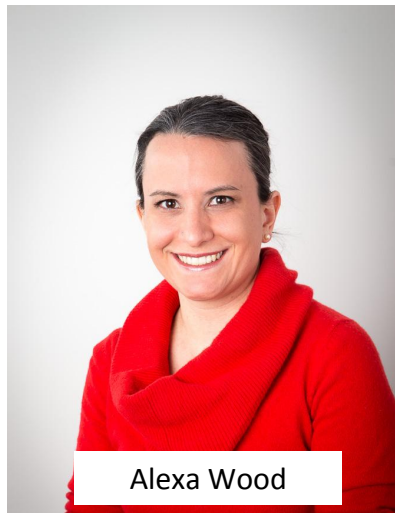
At the ITTC Lab 2



Dr. Kurt Schab



Dr. Haritha Malladi



Alexa Wood



Dr. Ismaeel
Muhamed



Mac Hill



Dr. Kelly Theisen



Melissa Adams



Ben Credle

Using GitHub for Collaboration, Jami Jackson Mulgrave



Housekeeping: Install Git

- Make sure Git is installed
- See "Installing Git" on my GitHub account
<https://github.com/jacks3/GitHub-Workshops>
- For Mac:
 - On Mavericks (10.9+) you can try to run `git` from the Git website at <http://git-scm.com/download/macosx>
 - or <http://mac.github.com>
- For Windows:
 - Download at <http://git-scm.com/download/win>
 - or <http://windows.github.com>

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 - or <http://windows.github.com>

Designing a Professional ePortfolio, Dr. Kelly Theisen



A LaTeX Primer Workshop, Dr. Kurt Schab



Outcomes & Feedback

23 sessions held this Fall & Spring semesters
Over 400 attendees with **5 sessions** still upcoming

- Repository of workshop materials created and housed in Google Drive
- Many workshops recorded for DE learners
- Workshop website [links](#), recordings, etc. made available to Scholars for professional portfolios

Melissa B. Adams, M.S.

INVITED ACADEMIC PRESENTATIONS

Workshop, “Introduction to Google Analytics”
North Carolina State University Libraries Peer Scholar Series
<http://www.lib.ncsu.edu/workshops/introduction-to-google-analytics>
February 9, 2018

Kelly E. Theisen, Ph.D.

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Courses Taught

- Guest Lecturer, Intro to Biochemistry, 'Reading Primary Literature', November 30, 2017
- NCSU Biochemistry Department Seminar, 'Teaching with Primary Literature', November 9, 2017, [slides](#).
- NCSU Library's Peer Scholar (Fall 2017), materials available after each workshop!
 - Creating a Professional ePortfolio, September 29, and December 1, 2017, [materials](#).
 - Designing Lecture Slides with Backwards Design, October 9, 2017, [materials](#).
 - Basic Linux Commands and vi, TBD

Outcomes & Feedback

NCSU LIBRARIES
Course / Workshop Name: No Coding Necessary Date: 10 Nov 2017

Library Session Feedback

1) How would you rate this session overall?

1 2 3 4 5
(poor) (below average) (average) (above average) (excellent)

2) What is one thing you learned in today's session?
Video games are useful for so many things! what a fabulous, versatile tool!

3) Was the session's content appropriately geared toward your learning needs?
YES. Very clear, empowering, and feasible to accomplish in the allotted time.

4) How might the session's content have been better?
No suggestions. This was terrific!

go.ncsu.edu/libeval

NCSU LIBRARIES
Course / Workshop Name: Communicate Your Science Date: 11-7-17

Library Session Feedback

1) How would you rate this session overall?

1 2 3 4 5
(poor) (below average) (average) (above average) (excellent)

2) What is one thing you learned in today's session?
How to think about the work I do from different perspectives

3) Was the session's content appropriately geared toward your learning needs?
Yes

4) How might the session's content have been better?
It was fantastic!

NCSU LIBRARIES
Course / Workshop Name: Mendeley Reference Date: 2/7/2018

Library Session Feedback

1) How would you rate this session overall?

1 2 3 4 5
(poor) (below average) (average) (above average) (excellent)

2) What is one thing you learned in today's session?
Everything. I didn't know mendeley exists. I think is a very useful tool to use.

3) Was the session's content appropriately geared toward your learning needs?
YES! THIS will help me to correctly cite the articles for my writing

4) How might the session's content have been better?
Maybe, you could ask the participants their own articles to practice with them. But I think it was a great workshop! Thank you!

go.ncsu.edu/libeval

Outcomes & Feedback

“The program gives all attendees an opportunity to learn skills from their peers which, while often not directly taught in courses or by research advisers, are key to success in a competitive research or industrial environment” - **Kurt Schab, Postdoctoral Research Scholar, Electrical & Computer Engineering**

“Peer mentoring represents an important strategy to improve academic and career outcomes for graduate and postdoctoral trainees. In my experience, students and postdocs who experience strong peer mentor relationships are more productive, they find their academic experience to be more fulfilling, and they are more likely to obtain jobs in a highly competitive job market. The Graduate School is thrilled to work with the NC State University Libraries to support development of graduate students and postdocs in this manner.” - **Jason Cramer, Private Sector Career Development, The Graduate School**

“The Peer Scholars Program is an opportunity for postdoctoral scholars to advance their teaching and communication skills by leading workshops. Postdocs are able use their expertise in research to advance the knowledge base of university community and beyond.” - **Nicole Ditillo, Program Manager, Office of Postdoctoral Affairs**

Next Steps

- Assess year 1 following conclusion of Spring semester
 - Workshop topics, locations, marketing avenues, etc.
- Finalize Peer Scholars Advisory Board
 - Members include: Graduate School reps, Postdocs, Graduate Students, Faculty, and Librarians
 - Meetings - 3x/year
- Keep going!

Thank You!
Any Questions?

Contact me!!

Jennifer Garrett
jigarret@ncsu.edu