
Growth of Programs, Events, and Workshops

NCSU Libraries
April 2017

Experiential Library + Skill Development



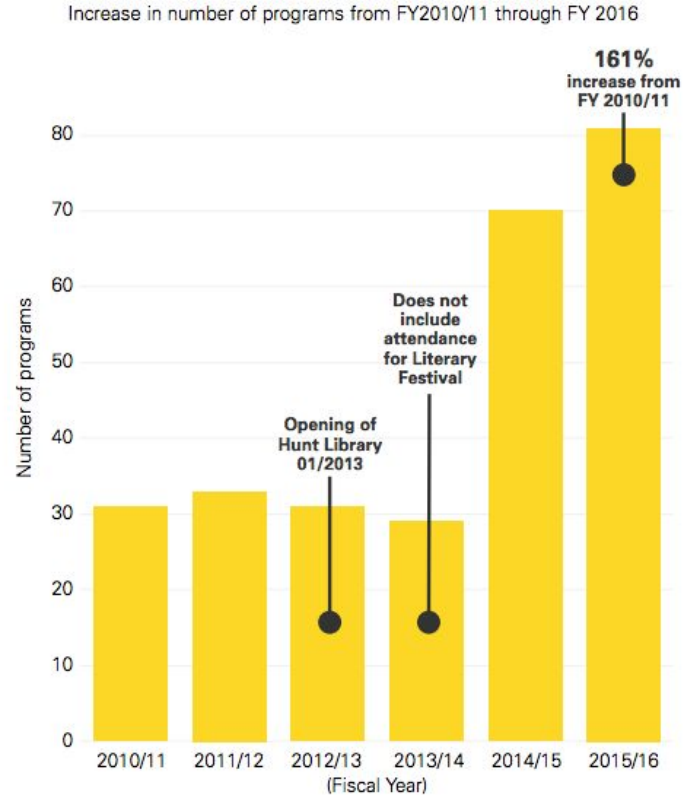
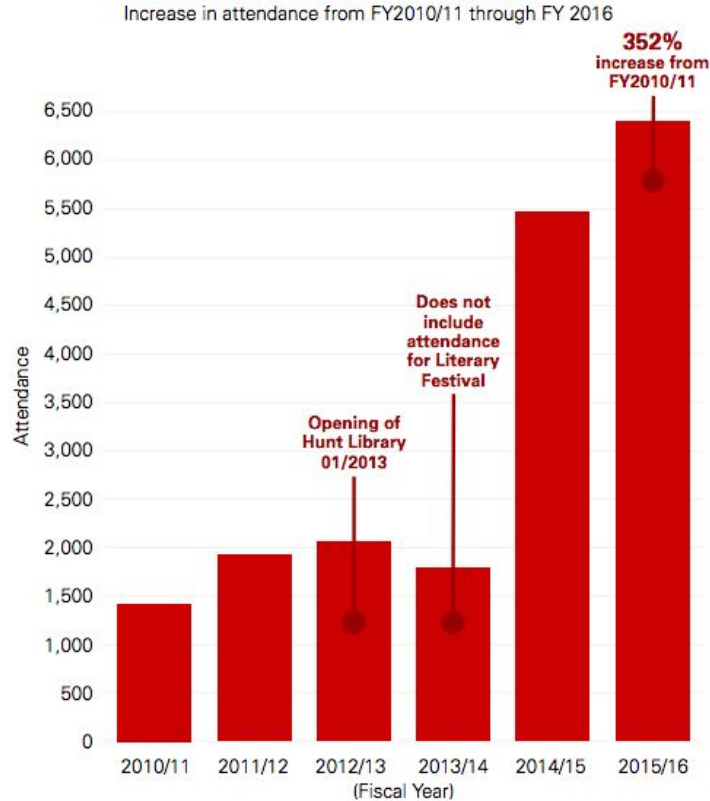
Program Goals

- Highlight the incredible faculty research, creative pedagogy, and innovative student work from NC State
- Bring together community - collaboration and interdisciplinarity
- Engage alumni and area communities
- Promote library spaces, technologies, and expertise that drive research and enhance student success



Program Growth

OVERVIEW OF PROGRAMS

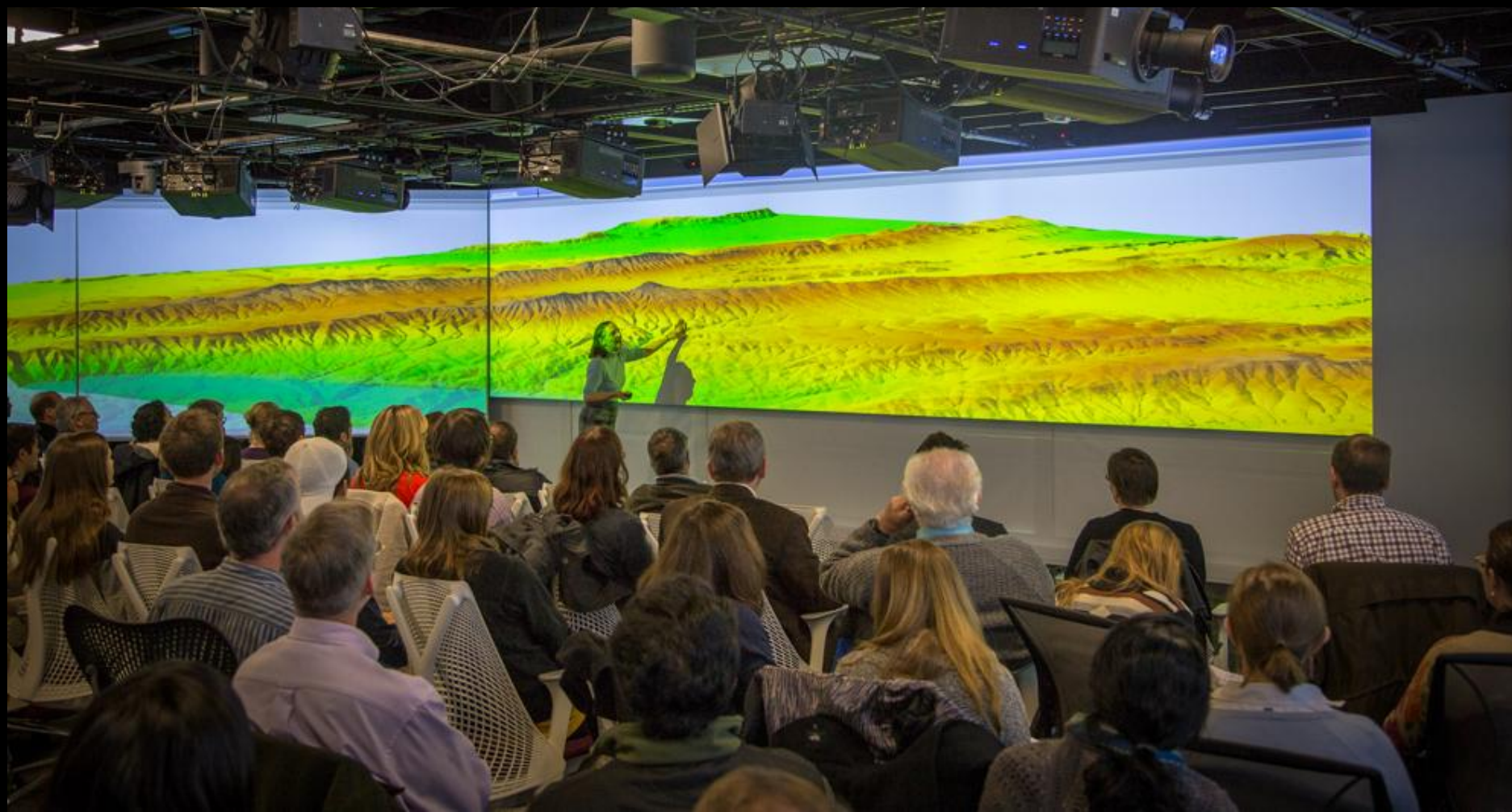


Highlighting Faculty Work: Coffee & Viz



“My presentation at Coffee & Viz has enabled me to forge several important and cross-cutting collaborations. These connections would not have been possible through more traditional venues; Coffee & Viz provides a rare forum for the kind of interdisciplinary work that is required to tackle difficult problems facing society.”

—Dr. Gary Lackmann,
Marine, Earth, and
Atmospheric Sciences





Enhancing Student Success - Showcasing Student Work



"There is no other outlet NC State currently provides to showcase student works . . . of this nature."

"Yes, there's a special sense of validation for the effort I went through when [my work] is shown in front of an audience outside of the class I worked in."

Face Size Estimation

- Used my face as a means of measuring
 - Upper Surface area $\frac{1}{2}\pi a_1 b$
 - Lower Surface area $\frac{1}{2}\pi a_2 b$
 - $a_1 = 12.51 \text{ cm}$ $a_2 = 9.99 \text{ cm}$ $b = 6.6 \text{ cm}$

Total Surface Area of the Face = 233.264 cm^2



Expanding Our Reach: Partnerships







Building Community - Amazing Alumni







Jasmine
Flood

Jed
Gent

Craig
Reed

Building Community - Making Space

- Funded initially with a mini-grant from Office of Institutional Equity and Diversity
- Now has corporate sponsorship from Pentair







Workshops

- Foster creativity in teaching and learning.
- Provide student success skills while enrolled and in careers.
- Advance research enterprise.
- Skill and capacity development.
- Last year offered 430 workshops in emerging areas to over 6,000 students, staff, and faculty.

Making Space



Digital Media



Dissertation Workshop




Emerging Tools and Skills: Tableau and R Programming

NC STATE
UNIVERSITY

THINK AND DO
THE EXTRAORDINARY
Support the Libraries

RESOURCES

search ncsu.edu

NCSU LIBRARIES

FINDGET HELPSERVICESLIBRARIESABOUT

Search books, articles, journals, website

ASK USMY ACCOUNTHOURSFAQLOG OUTCHAT NOW

WORKSHOPS

All Workshops

Digital Media Workshops

Makerspace Workshops

Ready. Set. Go!

Research Workshops

Visualization Workshops

View other Library events.

«APRIL»

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Silicon

R for Absolute Beginners



WHEN

December 5, 2016
1:00pm - 3:00pm

WHERE

- ITTC Lab 2 at the D. H. Hill Library

WORKSHOP DESCRIPTION

R is a language and computing environment for statistical analysis and graphics that is free and open-source. R can be used for multiple purposes, including statistics, data cleaning, visualization and creating data-driven web applications. R is very useful for producing publication-quality graphs from data.

This workshop is an introduction to R for absolute beginners who have little or no prior experience with coding. No experience with coding is expected. If you have a solid coding background, this workshop may be too introductory for you.

Mac laptops will be provided for participants to use, but you are welcome to bring your own laptop. NOTE: if you bring your own laptop, please download the following software (in the order listed) before coming to the workshop AND arrive 15 minutes early to get assistance in setting up your computing environment.

Live links to these downloads are also at the bottom of this page under "Online Resources":
R - <http://archive.linux.duke.edu/cran/>
R Studio - <https://www.rstudio.com/products/rstudio/download/>

Register for this event.

Special Collections Outreach

- Increase **awareness and visibility** of collections.
- Encourage **innovative use** of collections in teaching and research.
- Build **greater diversity** in collections, targeting under-documented areas and audiences.





WOLF TALES

CAPTURING VOICES OF THE PACK

Mobile video oral history outreach for:

- Community engagement
- Documenting diversity
- Reuse in teaching, research, and digital storytelling

