

The Libraries' ambitions for the University are at risk

The background features a light blue sky with white clouds. On the left, a small black silhouette of a person in a suit holds a large red balloon. On the right, a large white hand in a dark suit sleeve holds a red dart, pointing it towards the center of the slide.

Discussion with Executive Council

January 14, 2020

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Dean of Libraries

Professor, College of Computing and Informatics

Topics for Council's engagement today

1. What can **an innovative modern academic research library** contribute to the transformation and sustainability of a modern, competitive comprehensive research university grounded in a legacy of experiential and self-directed learning?
2. Where is **Drexel University Libraries now**?
3. How can we strategically **integrate the Libraries' focus and expand its capacity** to help “position Drexel to respond to challenges and opportunities... while remaining innovative, engaged and forward-thinking” over the next decade?

What ambitions and what risk? Use this Likert-scale



1.Strongly Disagree



2.Disagree



3. Neither agree
or disagree



4.Agree



5.Strongly Agree

1. *The academic library is the “heart of the university.”*



1.Strongly Disagree



5.Strongly Agree

2. Higher education must reclaim its historic mission of preparing the next generation of citizens to achieve public goals and solve public problems.



1.Strongly Disagree



5.Strongly Agree

3. *The traditional business of a university consists of three interrelated stages:*

- ***advancement of knowledge through scholarly investigation [research]***
- ***extension and interpretation of knowledge through teaching and training***
- ***diffusion of knowledge through publishing***



4. “Spending too heavily on books, periodicals and the building that house them is a waste in the digital era.”



1.Strongly Disagree



5.Strongly Agree

WHAT IS AN ACADEMIC LIBRARY?

How does a library relate to its university?

“There will always be at the heart of every great learning organization a library... In the core of the core of the core of this enterprise is the library — the place of mediated, articulated, verifiable and quantifiable knowledge, not random dither. You cannot have a core of a learning enterprise without that.”

— *Michael Crow, President, Arizona State University*
May 18, 2018 Groundbreaking Ceremony
\$100M Renovation of ASU Hayden Library



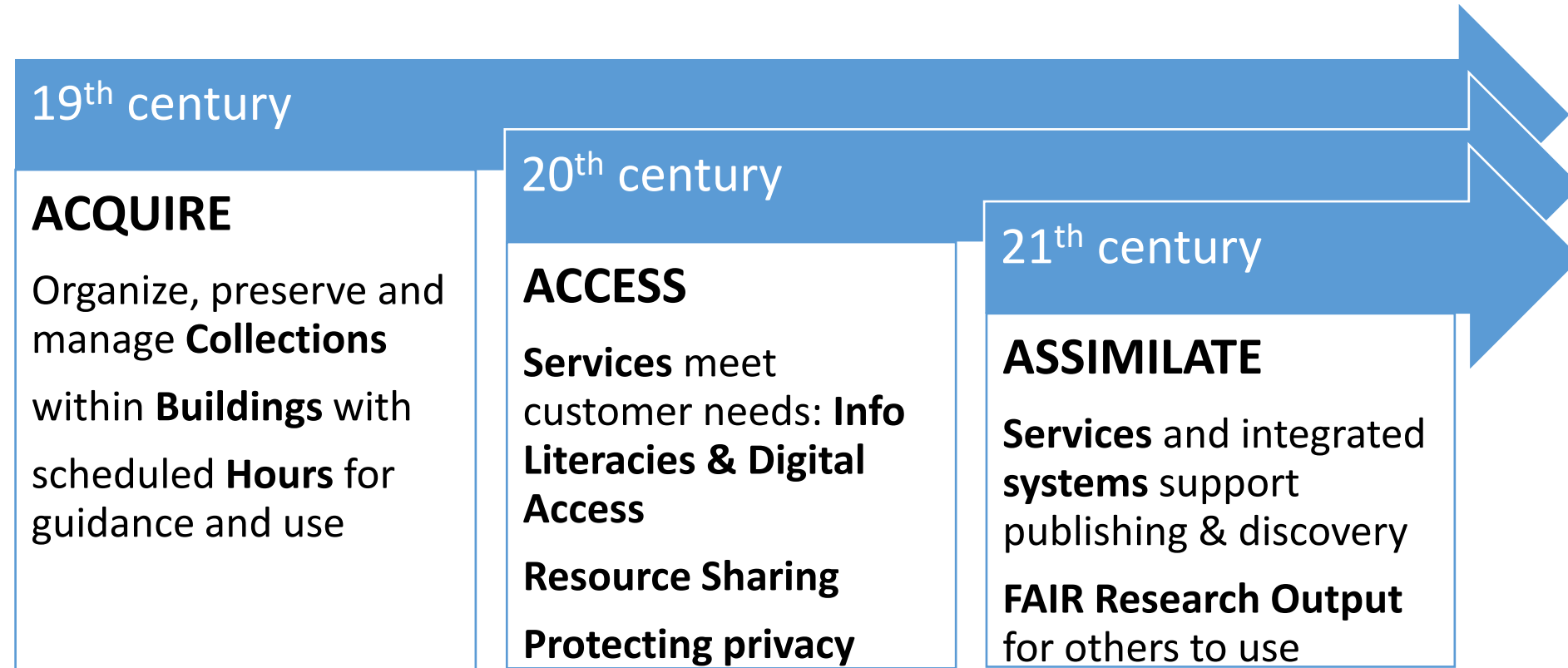
Innovations at community colleges

“Librarians are a natural bridge and hub in connecting academic affairs on our campuses with student affairs”



— *Karen A. Stout, PhD, President and CEO,
Achieving the Dream, Inc.
President Emerita, Montgomery County
Community College, PA*

What is the business of an academic library?



Faculty and student expectations for library support



Libraries as utilities that provide services to support their universities

LANGUAGE USED IN UNIVERSITY OF CALIFORNIA LIBRARY MISSION STATEMENTS [N=16]

Supports Research {57%]	Develops Partnerships in Resource Sharing [19%]
Supports Curriculum [57%]	Integrates Print & Electronic Resources [13%]
Promotes Access [44%]	Contributes to Quality of Campus Life [13%]
Serves as Gateway to Global Information [44%]	Provides Cost Effective Service for Institution [13%]
Improves Institutional Outcomes [38%]	Provides Students Personalized Attention in Complex Information World [6%]
Facilitates Learning [31%]	Provides Continuing Education for Staff [6%]
Provides Physical Environment [31%]	Serves as Community Resource [6%]
Teaches Information Skills [31%]	Prepares Students for Changing Workplace [0%]
Develops Collections [25%]	

**THE LIBRARIES SUPPORTS
DREXEL'S EDUCATION**

From the beginning, the Libraries reflected Drexel's milestones

In 1891, Alice B. Kroeger became the librarian of the Drexel Institute of Art, Science and Industry when it opened in Philadelphia.





To support Drexel's transformation into a University, building a library was critical—twice



Drexel Library [now Korman Center]
Completed 1959

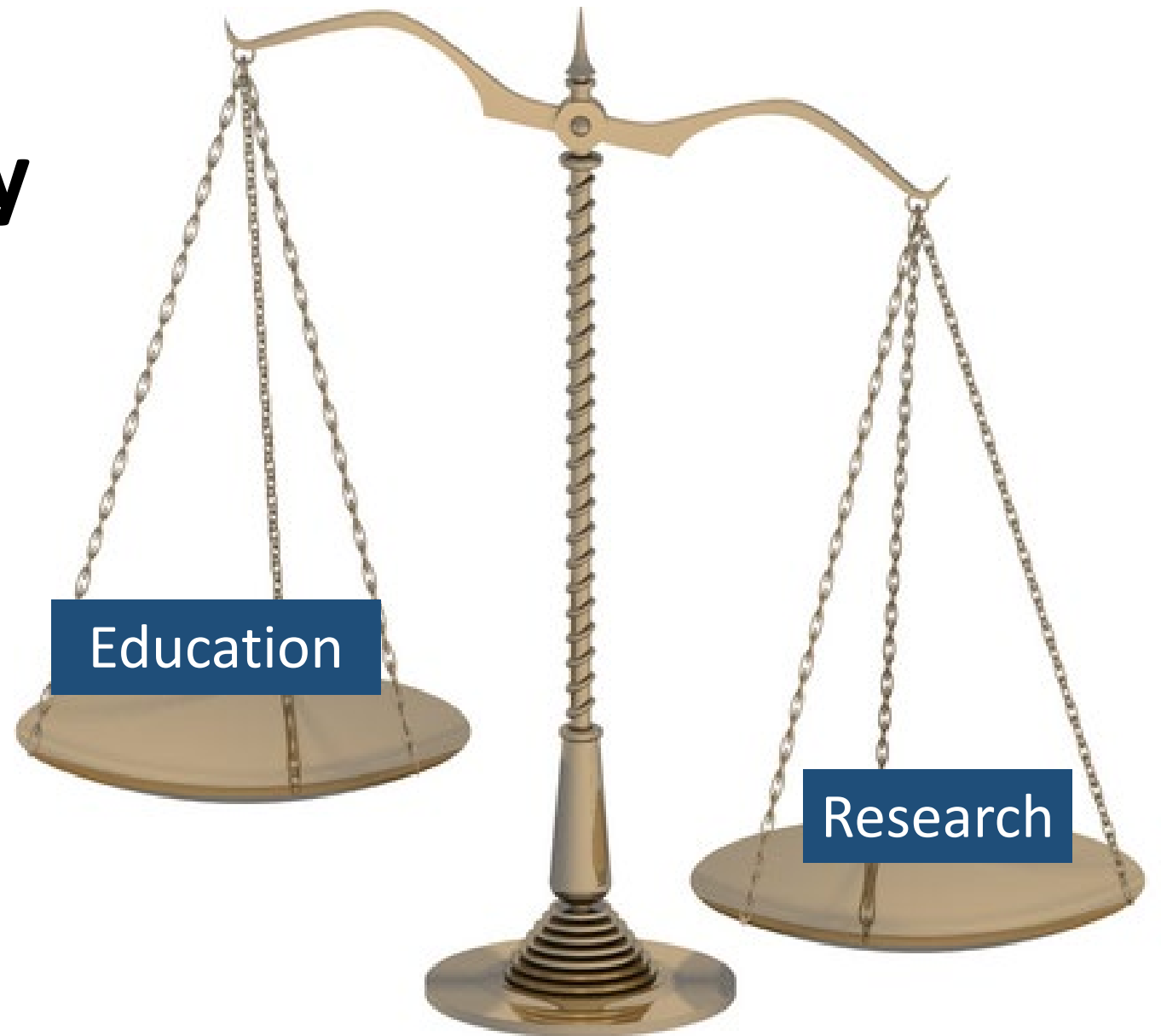


W. W. Hagerty Library
Opened 1983



An ABA report called for greater library space to accredit Drexel's Law School

**Now, the University
faces a historic
tipping point**



WHAT IS A RESEARCH LIBRARY?

Research services academic libraries can contribute to support university output:

1. Research support website link	10. Intellectual property support
2. Selective dissemination information	11. Special documents support
3. Advanced reference services	12. Research data support
4. Research support training	13. Embedded librarian
5. Self-training guides	14. Bibliographic/content management
6. Scientific writing support	15. Research metrics
7. Repository management	16. Social networks profiles
8. Open access support	17. Researcher identification
9. Information evaluation	18. Institutional cooperation

The Libraries' ambitions for Drexel's success focus on....

Strengthening Drexel as a competitive comprehensive research university,
strongly connected to scholarship

and

Preparing knowledge-driven professionals and life-long learners, **committed to truth and authoritative information**



The Libraries' 2017-22 strategic directions guide the innovative pursuit of higher education challenges

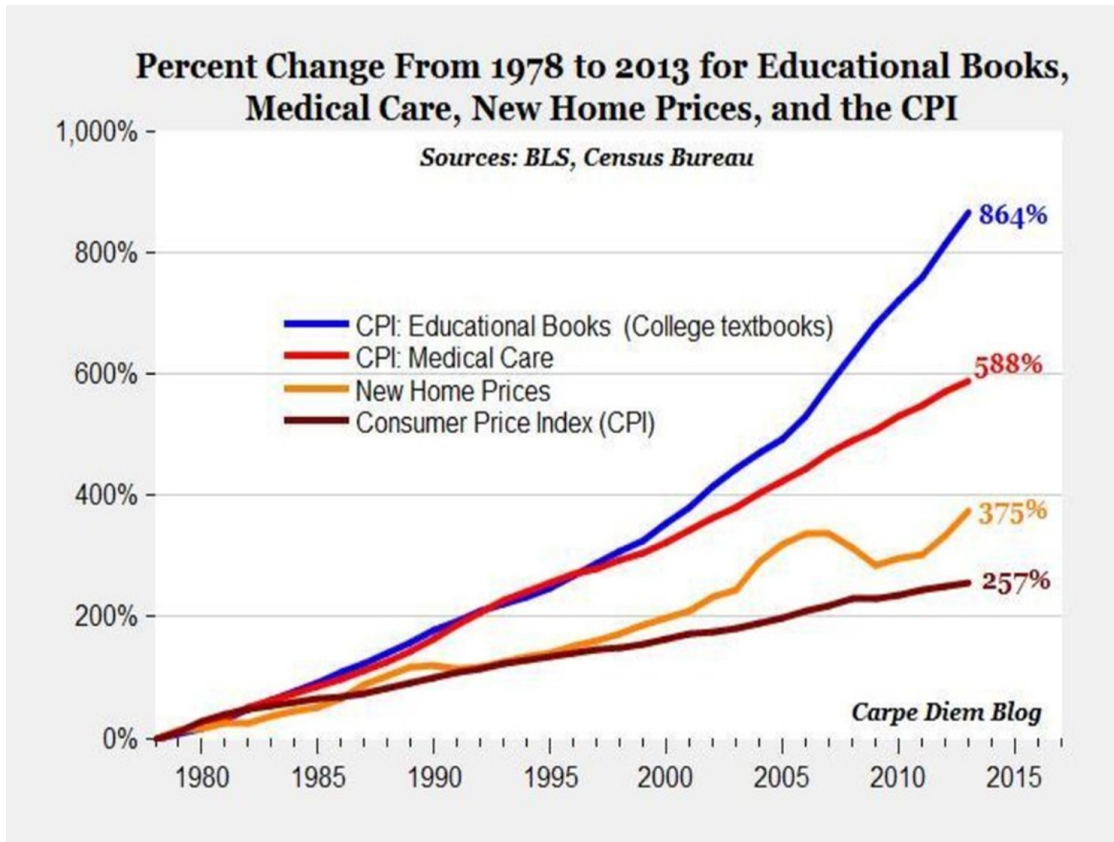
1. Containing the rising student cost of higher education
2. Shaping future research
3. Inspiring life-long quest for learning

Updates on our progress are available at: www.library.drexel.edu/about/strategic-plan

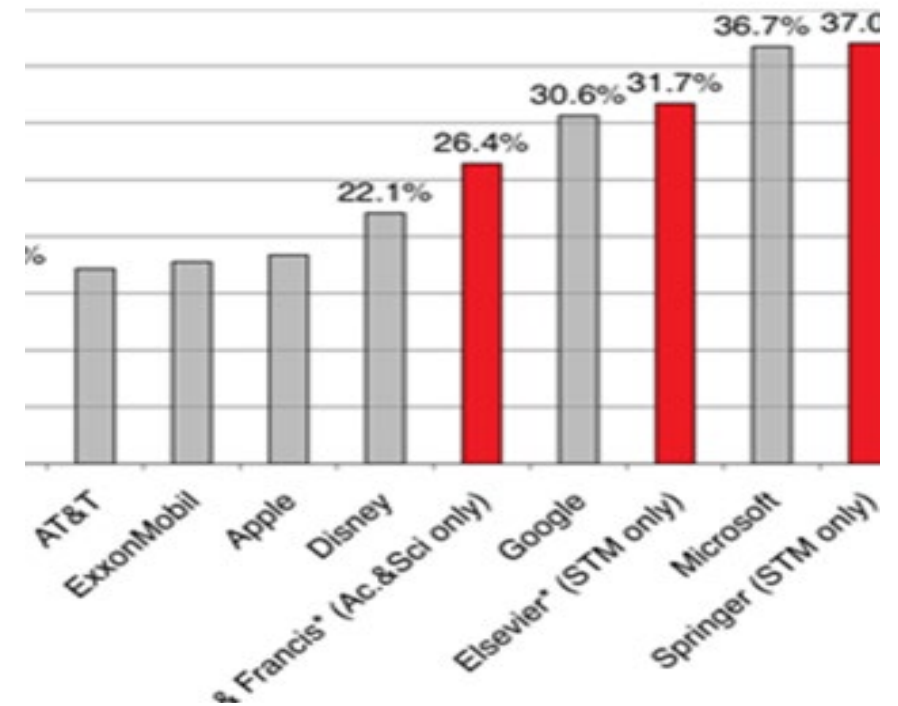


**OPPORTUNITIES ARISE
FROM CHALLENGES**

1. CHALLENGE: Unsustainable economic model of scholarly communications



Profit Margins: Journal Publishers vs. Other Companies



Opportunities to challenge the current scholarly communications models

SHARE



15K



778



Patrons of the library at the University of California, Berkeley, will no longer have easy access to journals from the publisher Elsevier. CHUCKSTOCK/SHUTTERSTOCK.COM

University of California boycotts publishing giant Elsevier over journal costs and open access

By Alex Fox, Jeffrey Brainard | Feb. 28, 2019, 7:00 PM

The mammoth University of California (UC) system announced today it will stop paying to subscribe to journals published by Elsevier, the world's largest scientific publisher, headquartered

At Drexel, the Libraries helps contain rising costs of higher education through access to scholarly communications

Annual Cost/Benefit Ratios		
	FY18 EOY	FY19 EOY
Data summary		
DUL Procurement costs	\$ 7,979,140	\$ 8,676,686
Number of info engagements	\$ 3,443,029	\$ 3,422,525
Estimated Market valuation of all items accessed	\$ 119,865,752	\$ 122,857,790
Estimated cost/benefit ratios		
Ratio of market valuation:: DUL procurement costs	\$ 15.02	\$ 14.16
Weighted valuation estimate per access	\$ 34.81	\$ 35.90
DUL average cost per engagement	\$ 2.32	\$ 2.54

2. CHALLENGE: Growing requirements for FAIR research output



Data and supplementary materials have sufficiently rich metadata and a unique and persistent identifier.

FINDABLE



Metadata and data are understandable to humans and machines. Data is deposited in a trusted repository.

ACCESSIBLE



Metadata use a formal, accessible, shared, and broadly applicable language for knowledge representation.

INTEROPERABLE



Data and collections have a clear usage licenses and provide accurate information on provenance.

REUSABLE

Opportunities to develop new research support systems and procedures

MIT Libraries Search Hours & locations Borrow & request Research support About ASK US ACCOUNT

Libraries home » Data management

Data management

Helping MIT faculty and researchers manage, store, and share data they produce

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We help MIT faculty and researchers manage, store, and share data they produce.

Make a plan

- [Why manage your data?](#)
- [Write a data management plan](#)
- [Other guides to data management](#)
- [Meet funder requirements](#)

Store your data

- [Organize your files](#)
- [Back up & secure your data](#)
- [Use documentation & metadata](#)
- [Use file formats for long-term access](#)
- [Electronic Lab Notebooks \(ELNs\)](#)
- [Open Science Framework \(OSF\)](#)

Share your data

- [Find a data repository](#)
- [Meet journal requirements](#)
- [Learn about confidentiality & intellectual property](#)

Questions?

MIT users
Drop-in help (GIS & Data Lab, 7-238)
Fall 2019 (Sept 4th - Dec 11th):
• Tuesday - Thursday, 2-4PM (except 11/28)

Send email to: data-management@mit.edu

Learn how we can help: [Services](#)

Visitors Information for visitors

Faculty successes

"I've had thousands of downloads of my published data - I am impressed that it's been so useful to others!"

—*Esther Duflo, Abdul Latif Jameel Professor of Poverty Alleviation and Development Economics, MIT*

UNIVERSITY LIBRARIES
The UNIVERSITY of OKLAHOMA

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Scholarly Communication is "the system through which research and other scholarly writings are created, evaluated for quality, disseminated to the scholarly community, and preserved for future use."* This can be through formal means, such as journal articles and book chapters, and it can also be through informal (or less traditional) means, such as professional listservs, blog posts, and social media exchanges.

Librarians at OU Libraries provide scholarly communication assistance on such issues as:

- locating reputable, scholarly journals in which to publish
- avoiding questionable or "predatory" publishers
- translating, explaining, and negotiating publishing contracts (**author rights**)
- consultation on copyright, licensing, and fair use
- consultation about **open access options** and open access **publishing support**
- collecting and understanding **impact metrics** so that scholars can **get maximum impact** for their work
- advising graduate students about embargoes of theses and dissertations
- sharing research outputs more broadly through **SHAREOK**
- publishing an open access, scholarly journal using **OU Libraries publishing platform**

* Definition from Association of College & Research Libraries (2003). *Principles and Strategies for the Reform of Scholarly Communication 1*. <http://www.ala.org/acrl/publications/whitepapers/principlesstrategies>

GENERAL INFORMATION

- [Use SHERPA/RoMEO to find publisher copyright and self-archiving policies](#)
- [Use the Science Commons Scholar's Copyright Addendum Engine to amend your publishing contract](#)
- [Choose the right journal for your research and avoid questionable journals: Think/Check/Submit](#)
- [OA Fund Policy](#)
- [OA Fund Application Form](#)



Data Stewardship Roadmap

Self-appointed Data Stewardship Forum

July 2016 to date

Assess Researchers Needs and Identify Data Output

2014: Use Cases
2017: Faculty Survey
2018: Added Interviews & Lib Fac Fellow; critiqued service communications

Review & update 8+ policies , and propose summary RDM policy

2015: reviewed all policies
2017-18: IP, Records Management updates

Plan and implement
* Policies
* Socio and technical systems
* Communication and Education

Forum agenda since 2017

At Drexel, the Libraries is leading the effort to enable access to & exposure of Drexel-generated research outputs

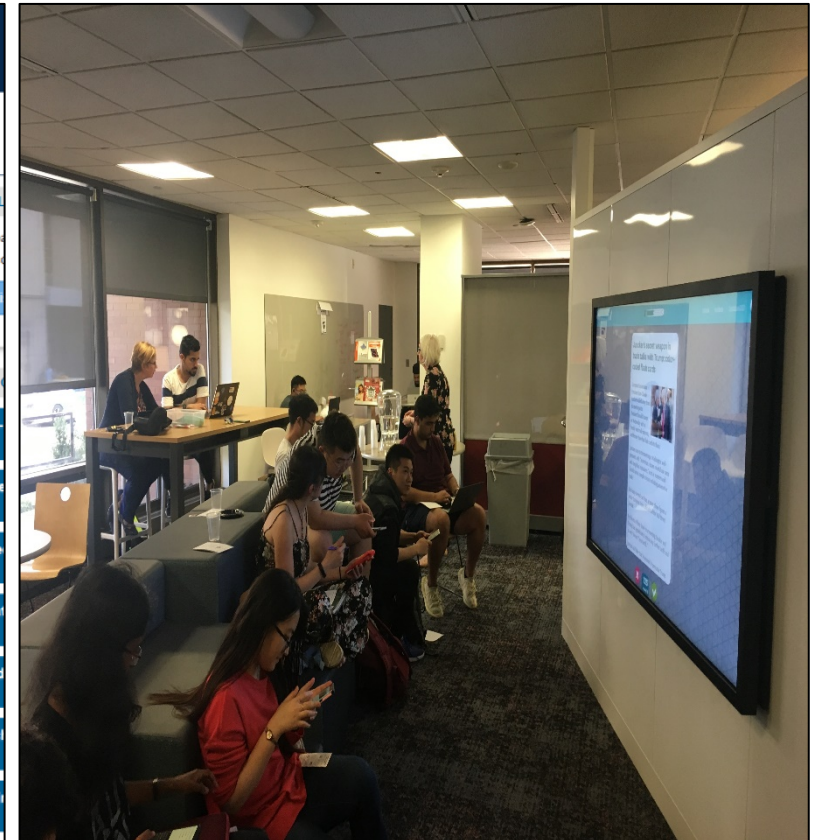
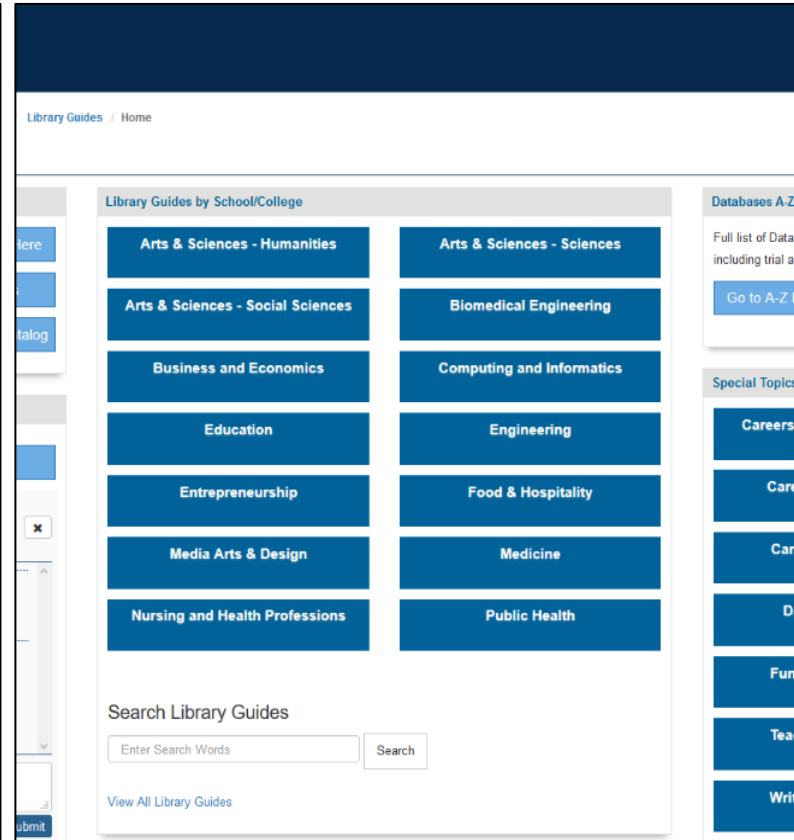
3. CHALLENGE:
Employers expect
an info-savvy
workforce





Opportunities to build library learning environments that inspire self-directed learning

At Drexel, the Libraries builds unique learning environments – in physical and virtual spaces



Perspectives on the impact of library as place



Hunt Library, NC State University [2013]

<https://www.youtube.com/watch?v=Okr78MUrImI>



FOR DISCUSSION:

How do you see the impact of the Libraries' alignment of its expertise and resources on your areas to contribute to Drexel's success?

DUL vision requires DU to take strategic leaps



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