

7-2018

Research and Scholarship: Evolving Roles for Libraries and Librarians

Gulcin Cribb

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An aerial night photograph of a modern university library building. The building features a prominent, large, illuminated glass dome structure on the right side, which is glowing from within. The rest of the building is dark with some lit-up windows and balconies. In the background, a city skyline with various skyscrapers is visible under a dark blue twilight sky. The foreground is filled with lush green trees and a paved walkway.

Research and Scholarship Evolving Roles for Libraries and Librarians

Gulcin Cribb
University Librarian

ORCID

University
Rankings

Copyright,
intellectual
property

Research
Management
Systems

Researcher
workflows

Impact
factors

Scholarly
Communication

Research
data

Predatory
journals

Open
Access

Open
Science

Publishing

Privacy,
confidentiality

Text mining
Data mining

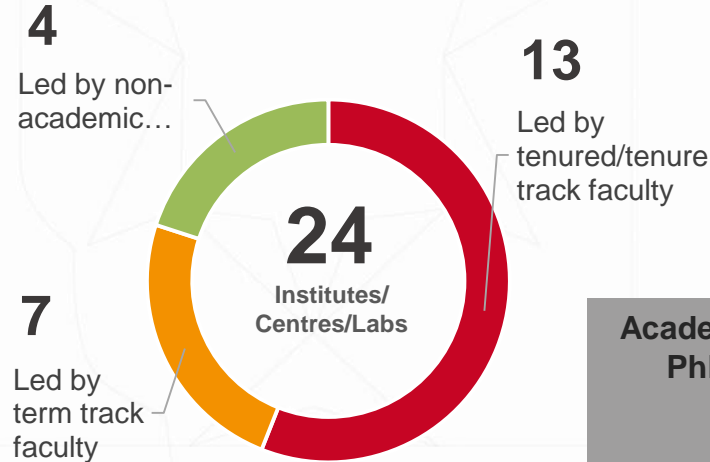
Altmetrics

Citation
metrics



<https://youtu.be/rkSgmSv1FdQ>

SMU AT A GLANCE, ACROSS THE 6 SCHOOLS



		Full-time Faculty
		361
	Professional Master's Students	Professional Master's Programmes
	1,549	20
Academic Research PhD Students	Professional Doctorate Students	Doctoral Programmes
175	142	9 Academic Research
		3 Professional Doctorate
Undergraduates	Undergraduate Majors	Undergraduate Programmes
8,000	24	6

SMU SCHOOLS AND RESEARCH AREAS



School of Accountancy

- Corporate Reporting & Disclosure
- Corporate Governance, Auditing & Risk Management
- Financial Intermediation & Information
- Financial Performance Analysis
- Accounting Information System



Lee Kong Chian School of Business

- Organisational Behavior & Human Resources
- Strategy & Organization
- Finance
- Quantitative Finance
- Operations Management
- Marketing
- Corporate Communication

Integrative Research Areas:

Asian & ASEAN Initiatives/ Social Inclusion and Innovation/ Natural Resources and Sustainable Businesses/ Business Models and Innovation/ Corporate Social Responsibility



School of Economics

- Economics Theory
- Econometrics
- Applied Microeconomics
- International Economics
- Macroeconomics



School of Social Sciences

- Sociology
- Political Science
- Psychology
- Humanities

Integrative Research Areas:

Contemporary Asian Society/ Urban Management & Urbanization/ Resources, Environment & Sustainability/ Social & Societal Impacts of Ageing/ Social Inclusion & Exclusion/ Gender Identity & Diversity / Individual & Collect Well-being



School of Law

- Asian and Comparative Legal Systems
- Public International Law, Regional and Trade Law
- Corporate Finance and Securities Law
- Private Law
- Innovation, Technology and the Law
- Dispute Resolution
- Legal Theory, Ethics and Legal Education
- Public Interest Law, Community and Social Justice
- Public Law



School of Information Systems

- Data Science & Engineering
- Cybersecurity
- Information Systems & Management
- Intelligent Systems & Optimization
- Software & Cyberphysical Systems

Integrative Research Areas:

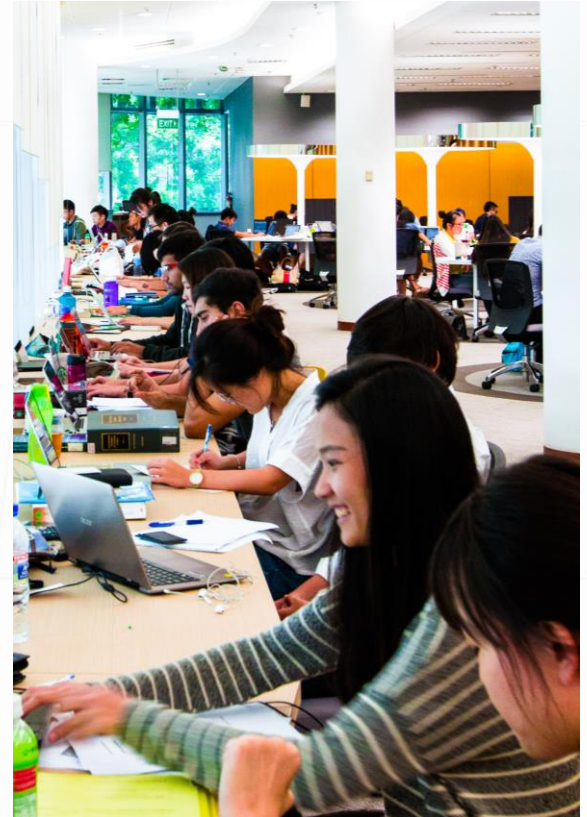
Learning & Pedagogy/ Urban Systems & Operations/ Active Citizenry & Communities/ Safety & Security

Home to over 9,800 students (undergrad + post-grad), across 6 schools

Updated as of 04 August 2017.

QUICK FACTS

- Over 1.37 million visitors in FY2017
- Over 420,000 books (Over 350,000 e-books)
- Open – 96 hpw during term time;
Learning Commons – 24/7 hrs
- 2,300 seats and 10,700 sqm across 2 libraries
- Physical and virtual learning environment
- 38 staff – 23 professional librarians



SCENES FROM THE LIBRARIES

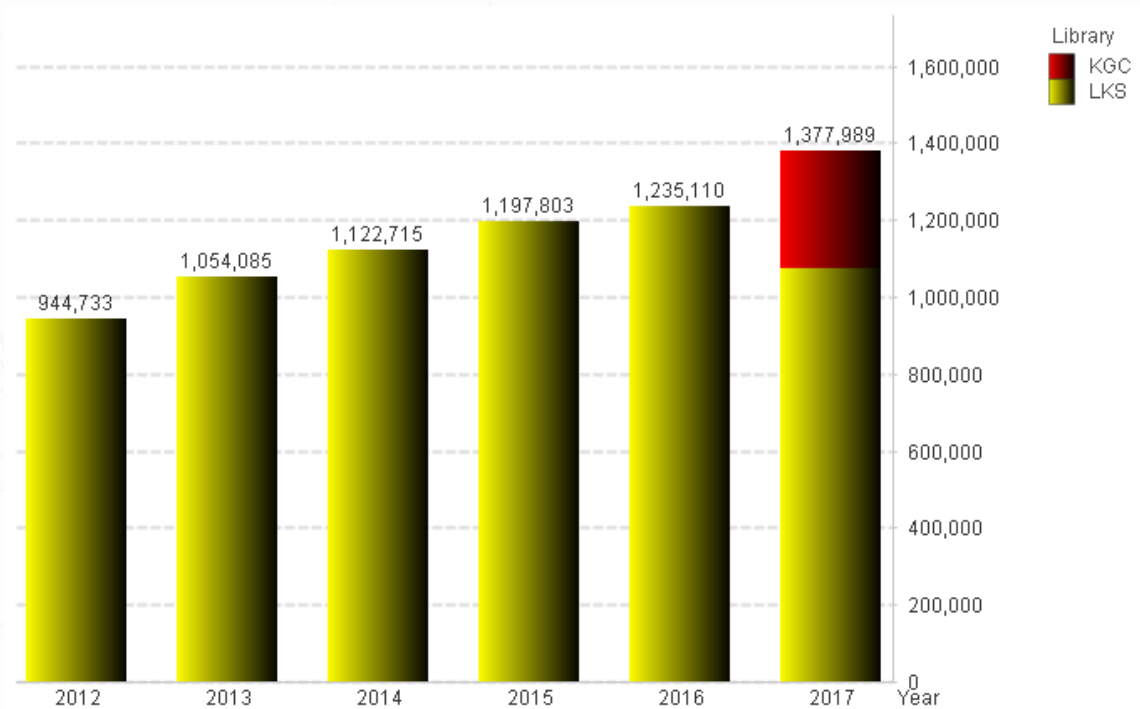


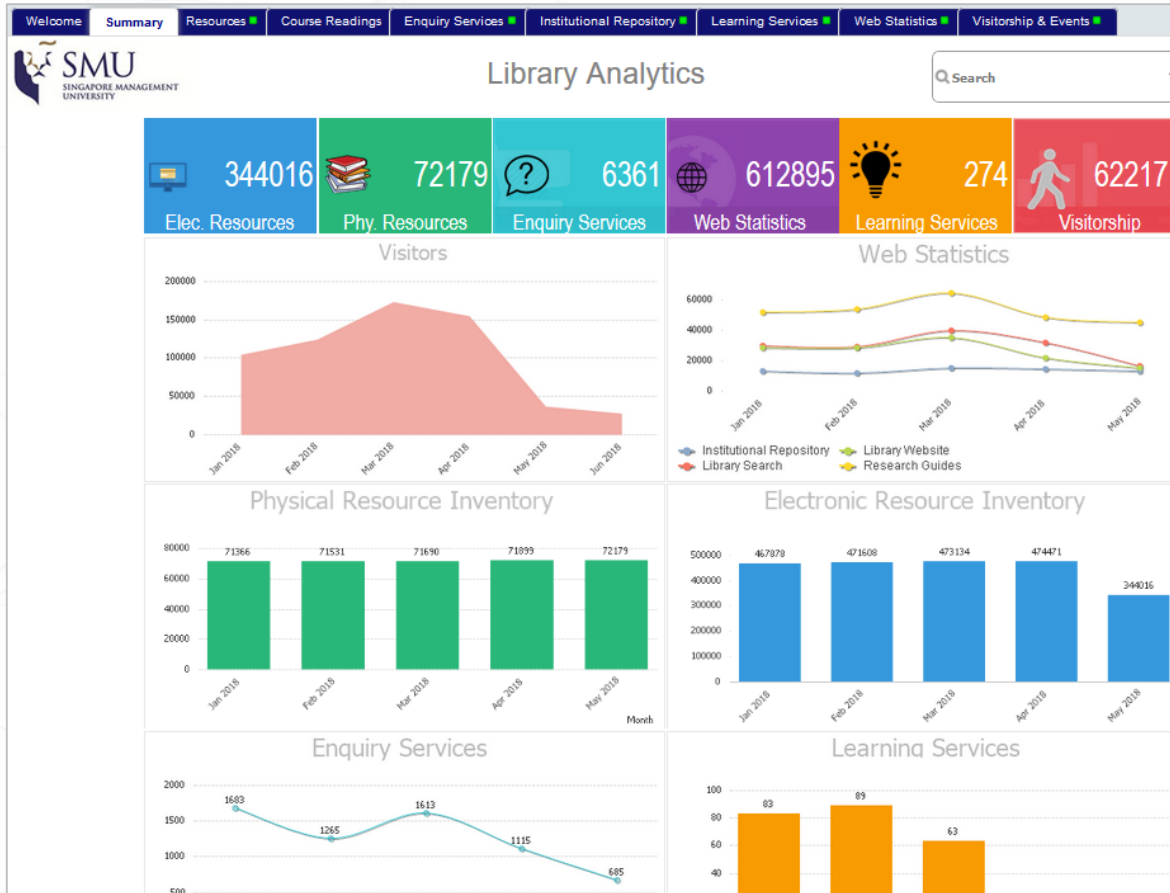


FACILITIES & SPACES

	Li Ka Shing Library	Kwa Geok Choo Law Library
Size	8,800 sqm	2,200 sqm
Seats	1,800	500
Collection	55,000 volumes (print)	18,000 volumes (print)
Learning Venue	2 Learning Labs 1 Hive	2 Learning Labs
Postgraduate Facility	2 Postgraduate lounges	1 postgraduate lounge and project room
Discussion Room	34 Project Rooms	13 Project Rooms
Other Learning Spaces	Quiet Areas Investment Studio 24/7 Learning Commons	24/7 Learning Commons Individual Study Carrels
Other facilities	Printing rooms (Level 2, 3 & 4) Rooftop Garden (Level 5) Phone Booths (Level 2)	Printing Room (Level 4) Rooftop Terrace (Level 5) Phone Booths (Level 2)

LIBRARIES VISITORSHIP





KEY SERVICES

- **Research Librarians** for each School
- **Orientation** for all new faculty
- **Research Consultations** for faculty and students
- **Research Skills Training**
- **Institutional Repository** for SMU research publications with IRIS as source system
- **Recommend Resources** for purchase
- Special spaces for **graduate students**
- Assistance with **Copyright**



RESEARCH LIBRARIANS FOR SCHOOLS



Jiaxin, Business



Sumita, Business



Rajen, Business



Elizabeth, Law



Yee Xin, Law



Rebecca,
Social Sciences



Melody, Economics



Wei, Information
Systems



Aaron, Accounting



Yuyun,
Information Services

LIBRARY ALERTS

Dear SMU Community,



Get up to date on Cryptocurrencies, Blockchain and Bitcoin with our shortlisted reads

What is it all about? Cryptocurrencies along with blockchain technology have the potential to change industries and disrupt the future. Find out more about the popular cryptocurrency Bitcoin and the technology behind it, or read the collected writings of mysterious bitcoin creator Satoshi Nakamoto.

Visit the display at the **New Arrivals shelf on Level 2 of Li Ka Shing Library** through July 3, 2018, or instantly browse these Ebooks:

- [The Bitcoin Big Bang : how alternative currencies are about to change the world](#) by *Brian Kelly*
- [The Bitcoin Standard: sound money in a digital age](#) by *Saifedean Ammous*
- [The Business Blockchain : promise, practice, and application of the next internet technology](#) by *William Mougayar*
- [The Evolution of Money](#) by *David Orrell and Roman Chlupaty*
- [Beyond Bitcoin: The Economics of Digital Currencies](#) by *Hanna Halaburda and Miklos Sarvary*



View the full list of titles [here](#).

SMU Libraries
Email: library@smu.edu.sg
Tel: 6828 0355



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- [Beyond Bitcoin: The Economics of Digital Currencies](#) by *Hanna Halaburda and Miklos Sarvary*



View the full list of titles [here](#).

HOW DOES THE LIBRARY ADD VALUE?



CHANGING ROLES OF LIBRARIES & LIBRARIANS



T & L



Research



Space

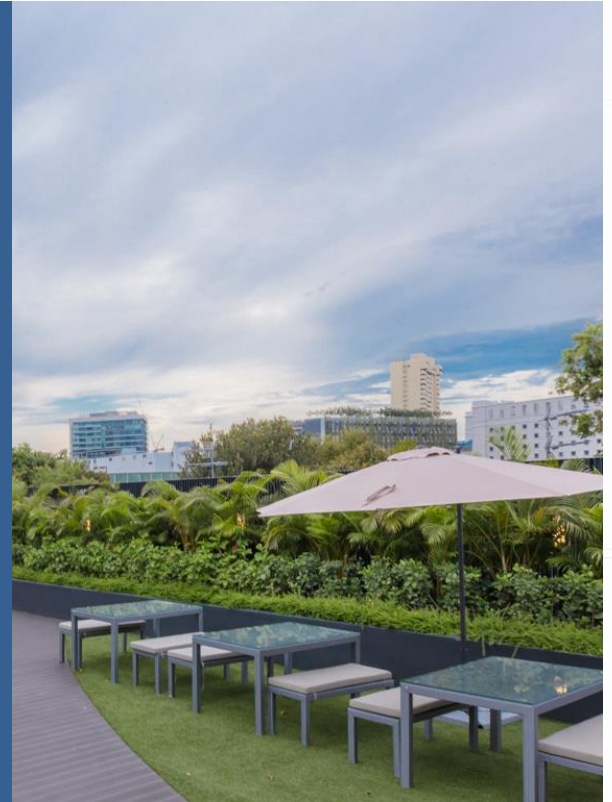
Demonstrating Value, Evidence-based decision making

Collaboration, Engagement, User-driven services

Libraries are not ends in themselves.

They serve the research and learning needs of their universities. The major long term influence on libraries is how those needs change.

To be effective, **libraries need to understand and respond to those changes.**

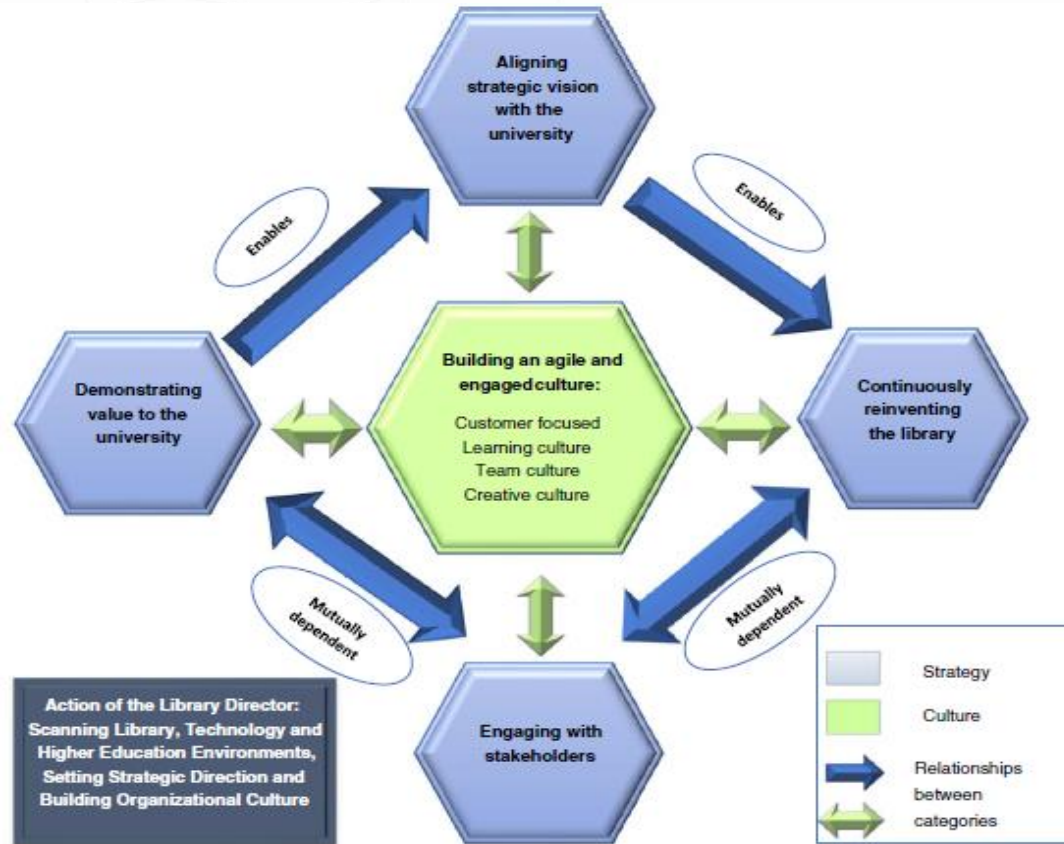


Our traditional model was one
in which we thought of the
user in the life of the library

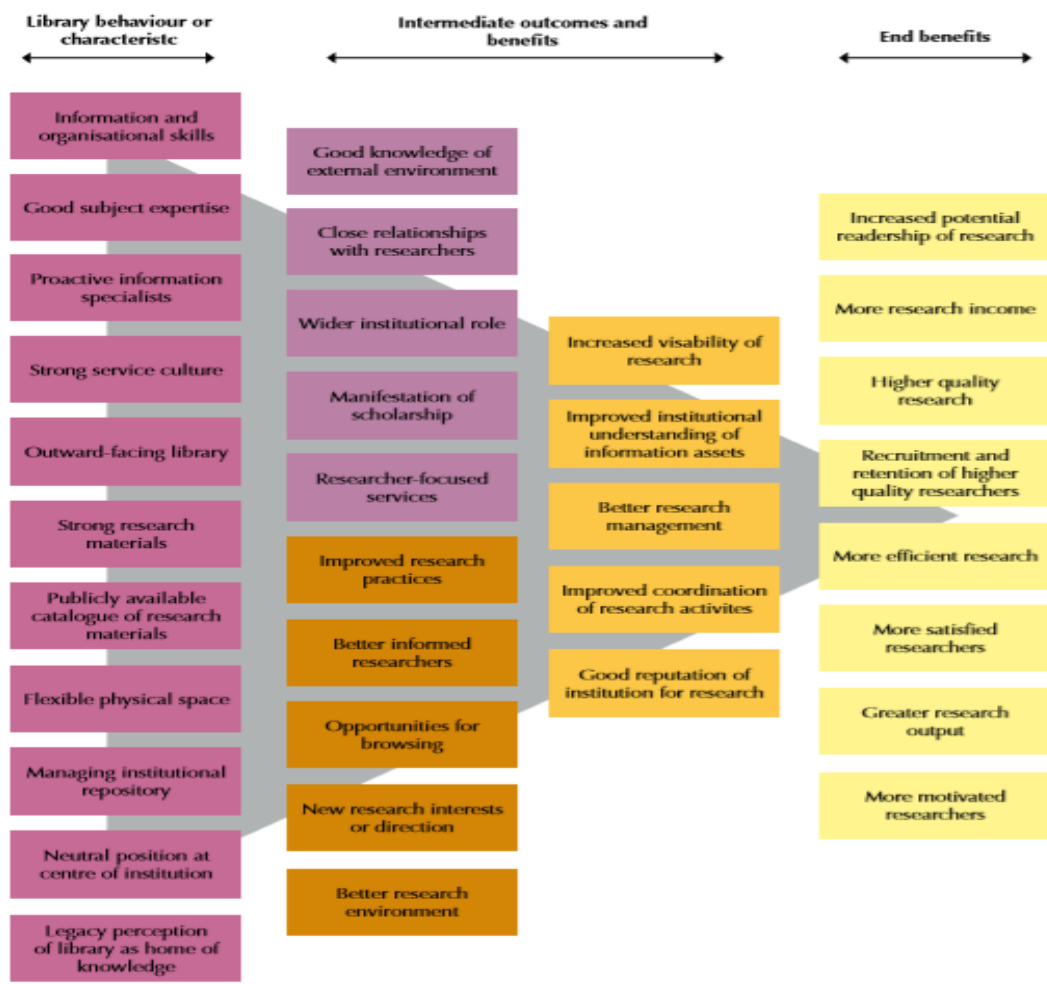
...but we are now increasingly
thinking about **the library**
In the life of the user

Lorcan Dempsey





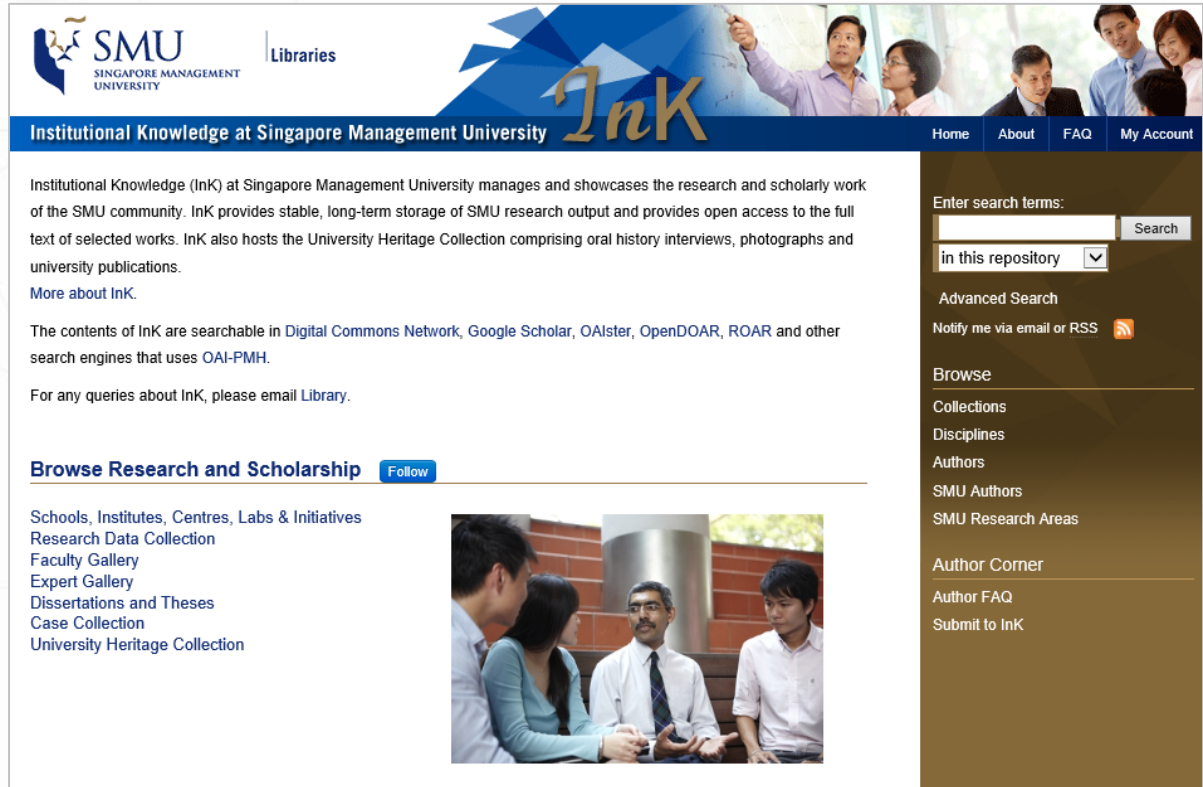
F. Harland et al. *The Journal of Academic Librarianship* 43 (2017) 397–408



Cumulative downloads
since 2010
over **2 million**

Open access to over
19,500 records

8,000 full text papers



SMU
SINGAPORE MANAGEMENT
UNIVERSITY

Libraries

InK

Institutional Knowledge at Singapore Management University

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Institutional Knowledge (InK) at Singapore Management University manages and showcases the research and scholarly work of the SMU community. InK provides stable, long-term storage of SMU research output and provides open access to the full text of selected works. InK also hosts the University Heritage Collection comprising oral history interviews, photographs and university publications.

[More about InK.](#)

The contents of InK are searchable in [Digital Commons Network](#), [Google Scholar](#), [OAister](#), [OpenDOAR](#), [ROAR](#) and other search engines that uses [OAI-PMH](#).

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- Author FAQ
- Submit to InK



<https://ink.library.smu.edu.sg>

Great exaggerations! Death of libraries

[Gulcin CRIBB](#), *Singapore Management University*

Follow

Publication Type

Blog Post

Publication Date

1-2018

Abstract

Libraries these days are built digital brick by digital brick – brick being the metaphor for digital books, journals, articles, objects, media, digital infrastructure, networks, apps, data, and analytics. The growth of print collections has been declining considerably in recent times. Singapore Management University (SMU) Libraries spends over 90% of its funds on digital collections, 80% of its collections are digital.

Discipline

Library and Information Science

Publisher

IFLA

Citation

CRIBB, Gulcin. Great exaggerations! Death of libraries. (2018). Research Collection Library.

Available at: https://ink.library.smu.edu.sg/library_research/107

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Additional URL

<http://blogs.ifla.org/arl/2018/01/25/great-exaggerations-death-of-libraries/>

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Research and Publishing Support: Home

Research guide for information resources on citation count, journal impact, author identification, publishing, rankings and statistical analysis of publications

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[Grant Writing](#)

Library Services

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Email address for research queries
- [Library Opening Hours](#)
Detailed opening hours of library building and services
- [Library Search](#)
Search the electronic and print resources of SMU Libraries

SMU Research Services

- [Office of Research & Tech Transfer Website](#)
- [Research Bulletin](#)
- [Research Grants](#)
- [Institutional Review Board](#)

Guides on Research

Introduction

This research guide provides sources for:

- Citation information for your publications
- Author unique ID
- Journal impact factor

This guide is created and maintained by Yeo Pin Pin.

Subject Guide



Pin Pin Yeo

[Email Me](#)

Contact:
70 Stamford Road Singapore 178901
6828-0110

Subjects:
Research

Demystifying Citation Metrics



Dong Danping



Research

- [IRIS Publications Guide](#)
- [Research and Publishing Support](#)
- [Research Data Management](#)
- [Research Data Sources](#)



INITIATIVES: BITE-SIZED LIBRARY WORKSHOPS

- The Bite-Sized Library Workshops are open to the SMU Community – students, faculty and staff
- Three Data Literacy Workshops were curated:
 - How Do I Organize my Data with Excel?
 - How Do I Clean my Data? (OpenRefine)
 - How Do I Manage my Research Data?
- The Library collaborated with a Professor from the School of Information Systems to conduct the OpenRefine workshop which was very well attended
- WFT: What the Fake was another workshop offered.

Bite-Sized Library Workshops					
RESEARCH SKILLS	DATABASES: WHICH DO I USE?	WRITE IT WELL	PRESENT WITH PIZZAZZ	CITATION MANAGEMENT SUITE	WORKING WITH DATA
<p>Mon 29 Jan</p> <p>Avoiding plagiarism through the APA style (HIVE) APA Citations and Referencing pains? You will learn how to create your Reference List!</p>	<p>Tues 30 Jan</p> <p>How Do I Organize My Data with Excel? (Lab 1) Do you know the 9 most common mistakes when people use Excel to organize their data? Learn recommended ways in Excel to format data, handle dates, and more.</p>	<p>Wed 31 Jan</p> <p>Key Presentation Skills (Lab 1) (In-collaboration with CEC) Learn key elements of both verbal and non-verbal public communications. Explore and practice how to engage and interest your audience.</p>	<p>Thu 1 Feb</p> <p>How Do I Clean My Data? (Lab 1) Learn the basics of cleaning and manipulating data using the free open source <i>OpenRefine</i> tool.</p>	<p>Fri 2 Feb</p> <p>Researching Law... Made Simple for Non-Law Students (Lab 1) What is legislation and case law? Where and how do I find them? Learn about these and more in this introductory workshop.</p>	



Research fraud: the temptation to lie – and the challenges of regulation

July 6, 2016 6.04am AEST

Biomedical scientist Dong Pyou-Han was sentenced to 57 months in prison for falsifying data in HIV vaccine trials. [from www.shutterstock.com](http://www.shutterstock.com)

Email

Twitter

Facebook

LinkedIn

Print

130

267

Most scientists and medical researchers behave ethically. However, in recent years, the number of high-profile scandals in which researchers have been exposed as having falsified their data raises the issue of how we should deal with research fraud.

There is little scholarship on this subject that crosses disciplines and engages with the

Author



Ian Freckelton QC

Professorial Fellow in Law and Psychiatry, University of Melbourne

RESEARCH DATA POLICY - WHY

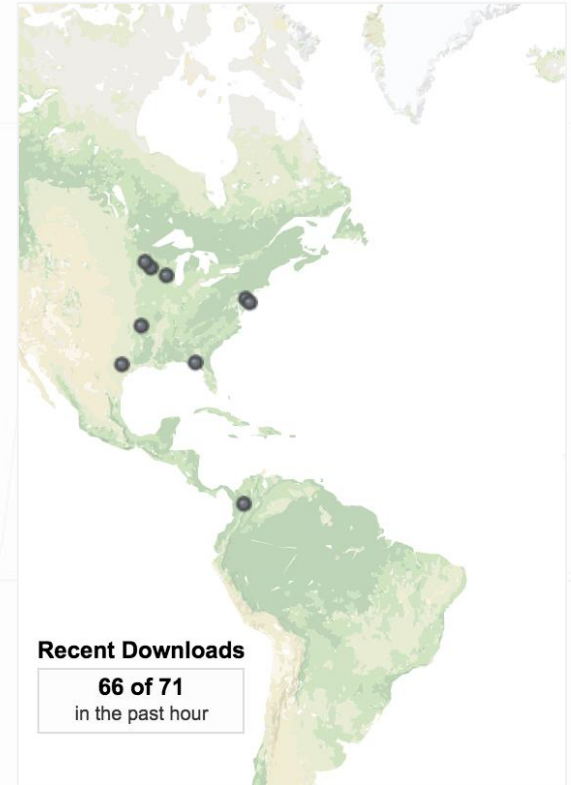
Archiving
Traceability
Replicability
Reputation

Meet
funder/journal
requirement

Open data
Data reuse
Data as an asset

LIBRARIES AND RESEARCH SUPPORT

- University rankings
- Research and impact evaluation
- Open access
- FAIR research data
 - FAIR Data Principles (Findable, Accessible, Interoperable, Reusable)





About us

News and Events

Partners and Communities

Working with data

Online Services

Guides and resources

About us

About us

About us

What we do

Governance

ANDS, Nectar and RDS partnership

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ANDS

About us



The Australian National Data Service (ANDS) is a partnership led by [Monash University](#), working in collaboration with the [Australian National University](#) (ANU) and the [Commonwealth Scientific and Industrial Research Organisation \(CSIRO\)](#).

It is funded by the Australian Government through the [National Collaborative Research Infrastructure Strategy \(NCRIS\)](#).

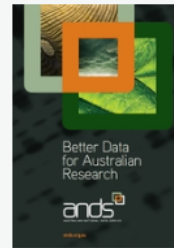


ANDS' core purpose is to make Australia's research data assets more valuable for researchers, research institutions and the nation.

Since being formally established in 2008, ANDS has supported

ANDS brochure

Find out more about ANDS and our work.



> [Better Data for Australian Research \(PDF, 1.74 MB\)](#)

Research Data Australia



Australian National Data Service

Research Data Management Service Categories



FIGURE 1. RDM SERVICE CATEGORIES: A TOUR OF THE RESEARCH DATA MANAGEMENT (RDM) SERVICE SPACE. THE REALITIES OF RESEARCH DATA MANAGEMENT, PART 1³.



DATA SCIENCE ROLES

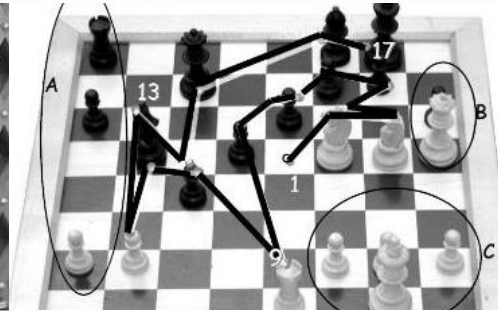
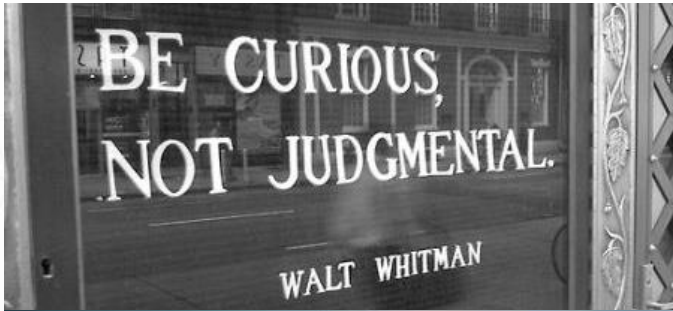


A family of new data science roles

(Lyon & Brenner IJDC 2015)

TOP SKILLS FOR TOMORROW'S LIBRARIANS CAREERS 2016

- Advocacy/Politics
- Collaboration
- Communication/People Skills
- Creativity/Innovation
- Critical Thinking
- Data Analysis
- Flexibility
- Leadership
- Marketing
- Project Management
- Technological Expertise
- *Entrepreneurship*



Bryn Geffert, librarian, Amherst College, MA, says...

“We need librarians who think of themselves first and foremost as teachers. We need librarians who light up classrooms, who need to be around students, and who infect those students with the joy of research.”

.....the Libraries must become more sophisticated in how it identifies and presents its stories of success and impact to external stakeholders (*Success enables success*).

Damon Jaggars, The Ohio State University

Story –
reconfiguring
around
sources of
value to the
community.

- **Develop User-centred library services**
- **Hybrid model of liaison and functional specialist emerging**
- **Organisational flexibility to meet changing user needs**
- **No liaison is an island**
- **Collaboration is key**
- **Create and sustain a flexible workforce**

Janice M. Jaguszewski and Karen William





New Professionals' Seminar

The Wonder Years



Who should Attend:

Recent library graduates and early career professionals with no more than 3 years working experience in academic and polytechnic libraries.

Date: 20 & 21 Aug 2018

Venue: Singapore Management University

Registration: Free

<https://library.smu.edu.sg/conference/wonder2018>

Day One

8:30 am – 9:00 am	Registration
9:00 am – 12:30 pm	Parallel Session Workshops
	Option 1: Storytelling through Data Visualisation
	Option 2: Design Thinking
12:30 pm – 2:00 pm	Lunch and New Professionals' Seminar Poster Photo Session
2:00 pm – 6:00 pm	Welcome Remarks
	Unconference
6:00 pm	Seminar Dinner

Day Two

9:00 am – 5:00 pm	Information Literacy Teaching & Instructional Design Skills Toolkit by Lisa Hinchliffe
	Instructional Design and Designing Learning Experiences - Active Learning as Formative Assessment
	Instruction scenarios through Stephen Brookfield's 4 Lenses (self, student, peer, literature) - Modelling Reflective Practice
	Working with Faculty and Other Campus Partners
	Taking Charge of Your Own Professional Development + Setting Action Goals
	Panel Discussion

REFERENCES

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- <http://lj.libraryjournal.com/2016/03/featured/top-skills-for-tomorrows-librarians-careers-2016/#>
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- The value of libraries for research and researchers. (2011) A RIN and RLUK report http://rin.ac.uk/system/files/attachments/value_of_libraries_for_screen_1.pdf

THANK YOU