

Singapore Management University

Institutional Knowledge at Singapore Management University

Research Collection Library

SMU Libraries

7-2020

How a young university can launch and grow a digital repository

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How a young university can launch and grow a digital repository — and why it should



Presented on BrightTALK
23 July 2020

A case study of Singapore Management University

Our Passion, Our Commitment, Your Advantage

A case study of Singapore Management University



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About Singapore Management University

Founded in 2000

Focus on Management,
Social Sciences, Technology
and their intersections

Aim to produce leading edge
research that has global
impact

Our Faculty

376 full-time faculty

Our Students

8,656 full-time undergraduates

2,184 full-time & part-time postgraduates

As of September 2019

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



**School of
Economics**

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



**School of
Social Sciences**

- Sociology
- Political Science
- Psychology
- Humanities



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

Our Passion, Our Commitment, Your Advantage

About SMU Libraries



Our Passion, Our Commitment, Your Advantage



Libraries

SMU Libraries quick facts

- Over 460,000 books (Over 400,000 e-books)
- Access to 80,000+ e-journals
- 170+ electronic databases
- 38 staff: 23 professional librarians



Scholarly Communication Team

YEO Pin Pin
Head



DONG Danping
Librarian



Cheryl Delos
SANTOS
Library Specialist



At a young university

- Faculty are more open
- Early career faculty are keen to promote their research
- Departments setting up or reviewing their processes
- Policies are being developed
- Easier for library to get involved



SMU Policies

- Intellectual Property Policy (effective Aug 2010)
- Open Access Policy (effective Oct 2013)
- Research Data Management Policy (effective Jan 2020)



About SMU institutional repository

- Project approved by SMU President
- Involved Provost, CIO, & faculty in the IR Advisory Committee
- Selected Digital Commons in 2010
- Repository officially launched in 2011 Jan
- Started with 8,000 records & 600 full text
- Repository named Institutional Knowledge (InK)



Key Decisions

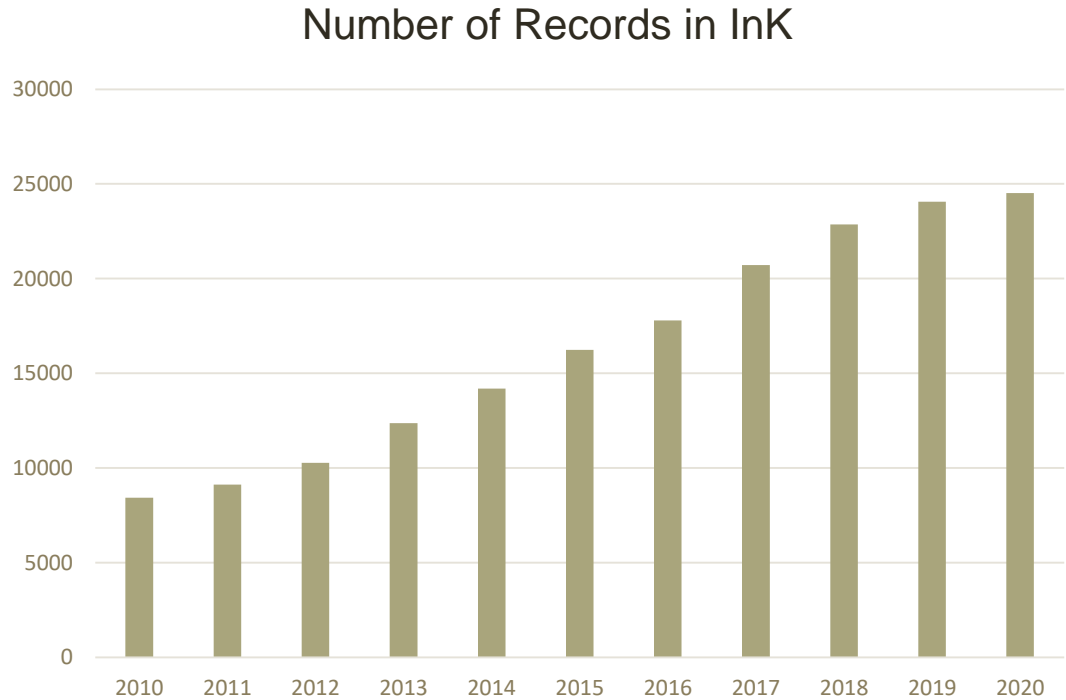
IR Advisory Committee decided:

- InK will be the portal for disseminating SMU research
- InK will include all faculty publications, including those published before joining SMU
- Use the SMU research information management system (RIMS) to populate InK rather than ask faculty to enter info directly to InK

Key link to RIMS

Faculty are motivated to update RIMS as it is tied to their appraisal

InK populated from RIMS means that it gets **regular** influx of records



Challenges

- Getting more full text
- Faculty lacked awareness of open access
- Faculty not used to uploading full text
- Faculty not sure which version they can share in IR



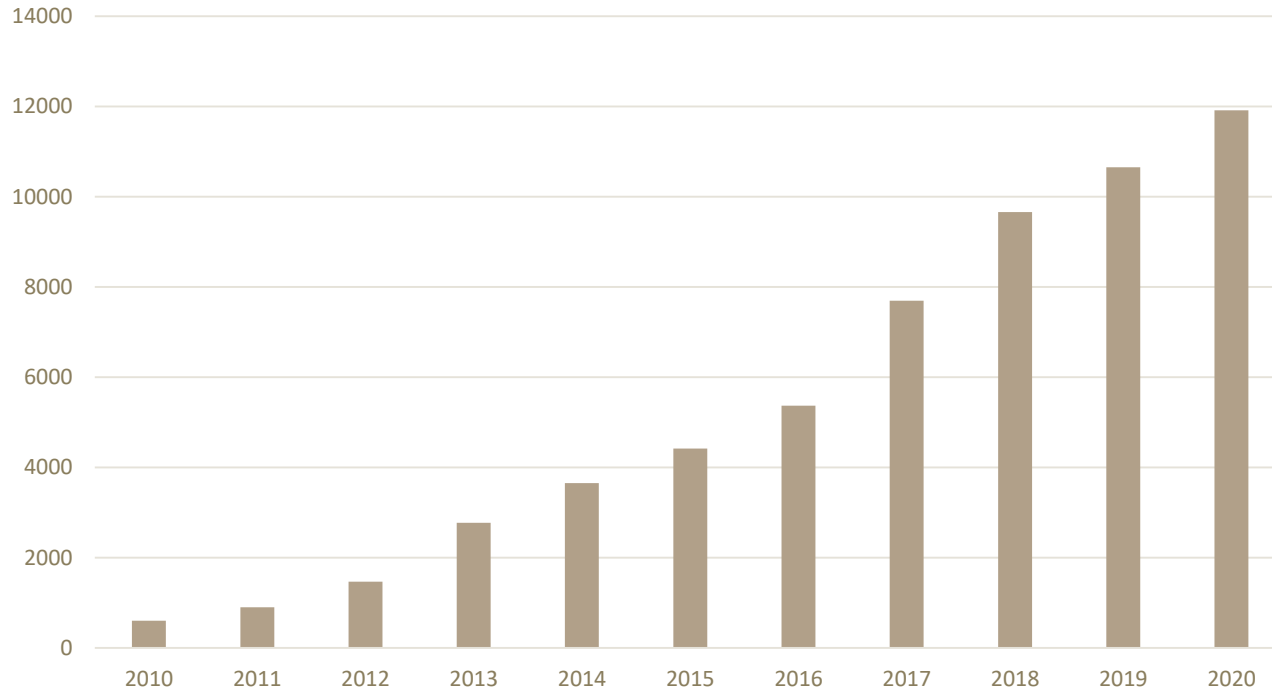
Getting full text

- Faculty upload full text to RIMS
- We search for full text on the web, e.g. SSRN, repositories, author pages, ResearchGate
- We check publisher policies whether the published version is allowed in IR
- We engage dept/centre to send us the full text
- Ask faculty directly



Growing full text in InK

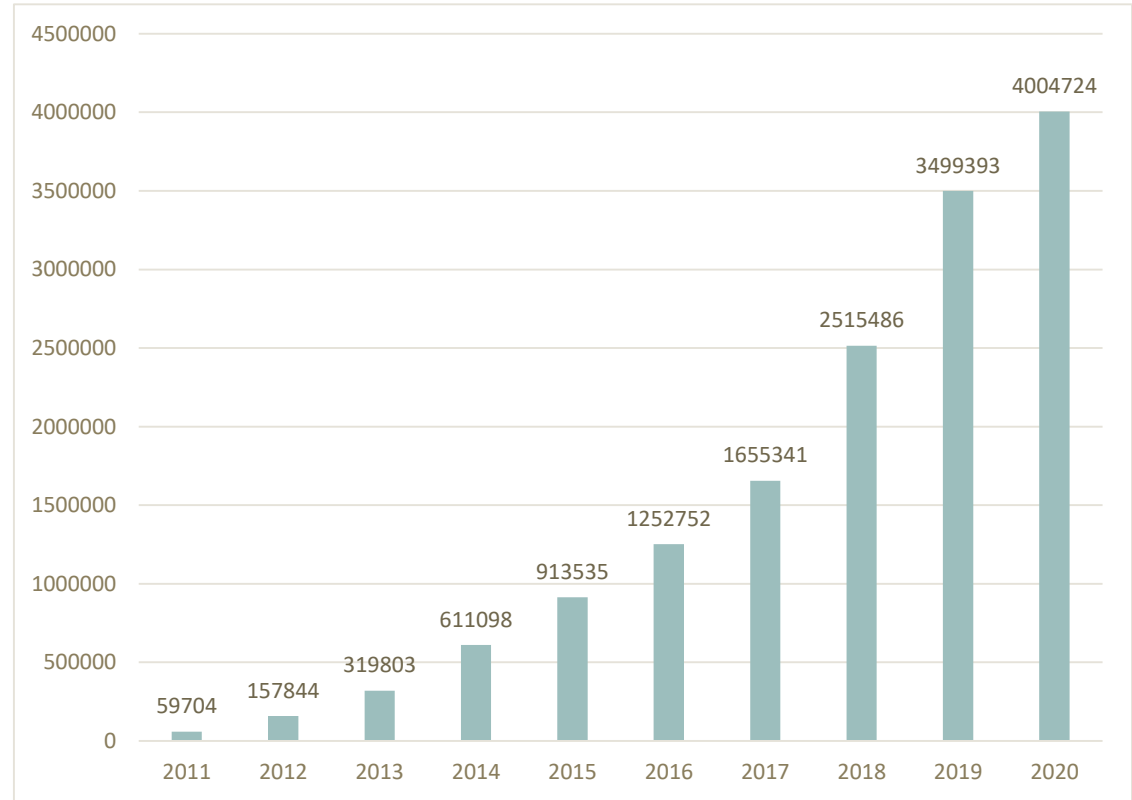
Number of Items with full text in InK



Our Passion, Our Commitment, Your Advantage

InK Downloads

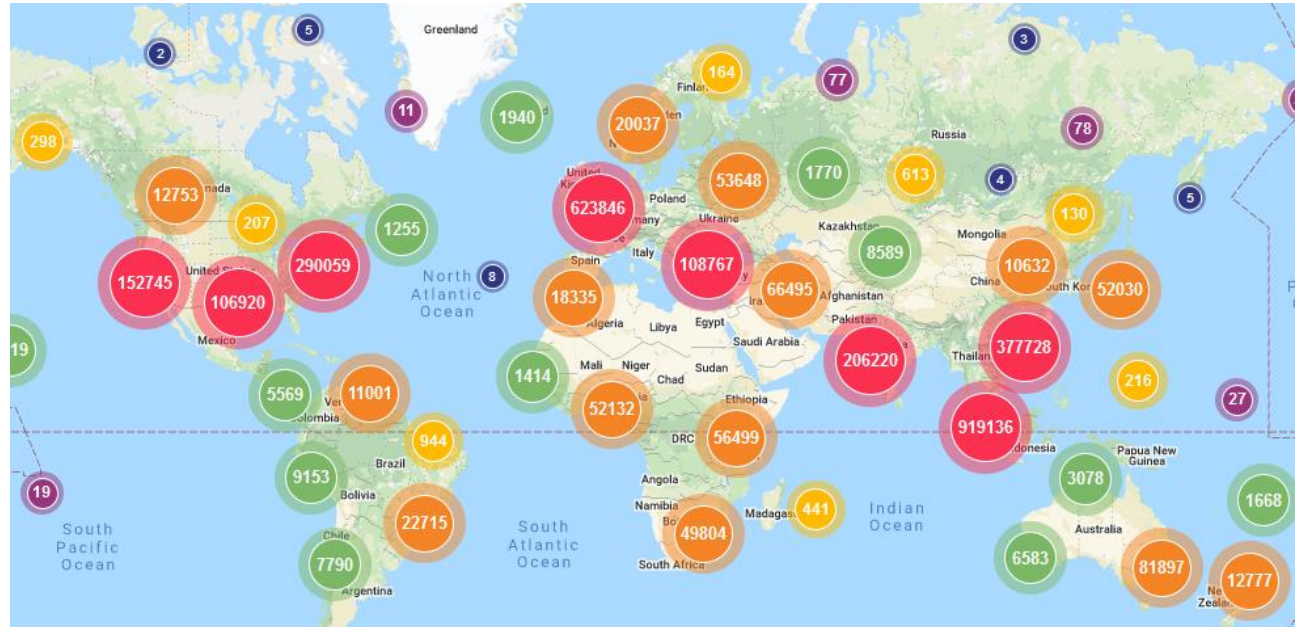
- 2016 – 1 m
- 2018 – 2 m
- 2019 – 3 m
- 2020 – 4 m



Who downloads from InK

54,543 Institutions

65 Education 29 Commercial 3 Government [3%] 2 Organization [2%]



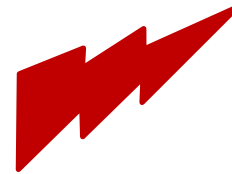
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Open Access Citation Advantage

H1: Downloads in InK are positively correlated with citations



H2: Papers with full text in InK receive more citations compared to those that do not



$N = 1091, p < 0.001$

From SMU President

“[Our repository] is a very important and integral part of having our research made available to the world.”



— *Professor Lily Kong*
President & Lee Kong Chian Chair Professor of Social Sciences

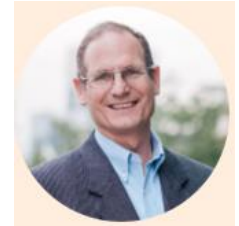
Engagement with Senior Management

- Email SMU President about key InK milestones
- Submit key InK milestones for consideration to be included in the State of University Address
- University Librarian reports to Provost, has regular meetings, and updates Provost about key milestones and open access

Engagement with ORTT

- Develop relationship with Vice-Provost (Research)
- Work with Office of Research & Tech Transfer (ORTT) on research data policy and related matters

“This type of information [Digital Commons reports] can help us to identify work being done at SMU that is attracting significant interest externally.”



— *Professor Steven Miller*
Vice Provost (Research) and Professor of
Information Systems (Practice)

Schools' research in InK

- ORTT quarterly newsletter includes a section on popular papers from each school
- SC supplies the data to ORTT



Most popular papers (Feb-Apr 2020)

Check out each School's ten most downloaded papers from Institutional Knowledge (InK) at SMU.



- Lee Kong Chian School of Business. [>>](#)
- School of Accountancy. [>>](#)
- School of Economics. [>>](#)
- School of Information Systems. [>>](#)
- School of Law. [>>](#)
- School of Social Sciences. [>>](#)

Engagement with faculty

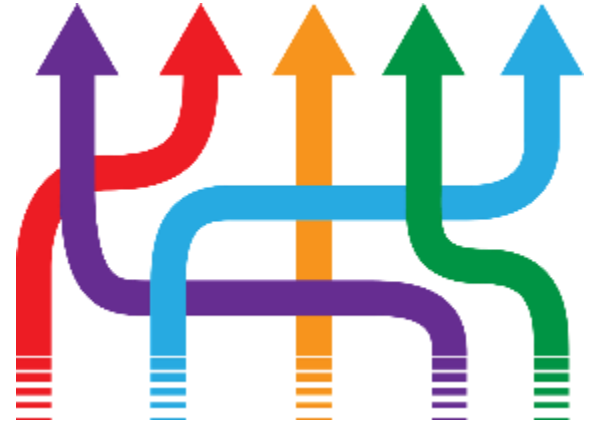
- Library Advisory Committee – comprises faculty representatives and student representatives
- Give updates on InK and open access



Engagement with faculty

Multiple approaches

- Research librarians (RL) interaction with faculty – new & existing
- RL annual report to schools – add section on school collection downloads and papers which had high downloads
- RL updates at school meeting



Engagement with faculty

Scholarly Communication (SC) team

- add at least one full text for every faculty – monthly email from InK
- supply data on downloads to RL for their info and reports
- supply data to ORTT



Faculty success stories

- One faculty member received two collaboration requests from commercial companies who reached out after reading her work in InK



- Other faculty members have seen citations of their articles rise after sharing the full text versions in InK



Engagement with research funders

- Institutions shall ensure that all publications arising from publicly funded Research are made openly available no later than twelve (12) months after the official date of publication (2016)
- SC team checked if these publications were in InK
- Asked from faculty who did not upload
- Provide a weblink to the deposited publication or author-accepted manuscripts in a publicly accessible repository (2020)
- Strong driver and incentive for faculty



Hot collections in InK

	Title	URL	Downloads
1	Research Collection Lee Kong Chian School of Business	http://ink.library.smu.edu.sg/lkcsb_research	1,374,250
2	Research Collection School of Information Systems	http://ink.library.smu.edu.sg/sis_research	627,813
3	Research Collection School of Social Sciences	http://ink.library.smu.edu.sg/soss_research	536,659
4	Research Collection School of Law	http://ink.library.smu.edu.sg/sol_research	501,118
5	Research Collection School of Economics	http://ink.library.smu.edu.sg/soe_research	426,793
6	Research Collection School of Accountancy	http://ink.library.smu.edu.sg/soa_research	283,676
7	Dissertations and Theses Collection	http://ink.library.smu.edu.sg/etd_coll	254,096
8	Lien Centre for Social Innovation: Research	http://ink.library.smu.edu.sg/lien_reports	78,926
9	Social Space	http://ink.library.smu.edu.sg/lien_research	63,003
10	Knowledge@SMU (closed)	http://ink.library.smu.edu.sg/ksmu	34,257
11	Perspectives@SMU (continues Knowledge@SMU)	http://ink.library.smu.edu.sg/pers	13,799

Theses & Dissertations

SMU Masters theses & dissertations
made available in InK

Work with Office of Postgraduate
Research Programmes and school
administrators handling postgraduate
programmes

Library is part of postgraduate journey

Workshops on submitting
dissertation, open access, research
data management

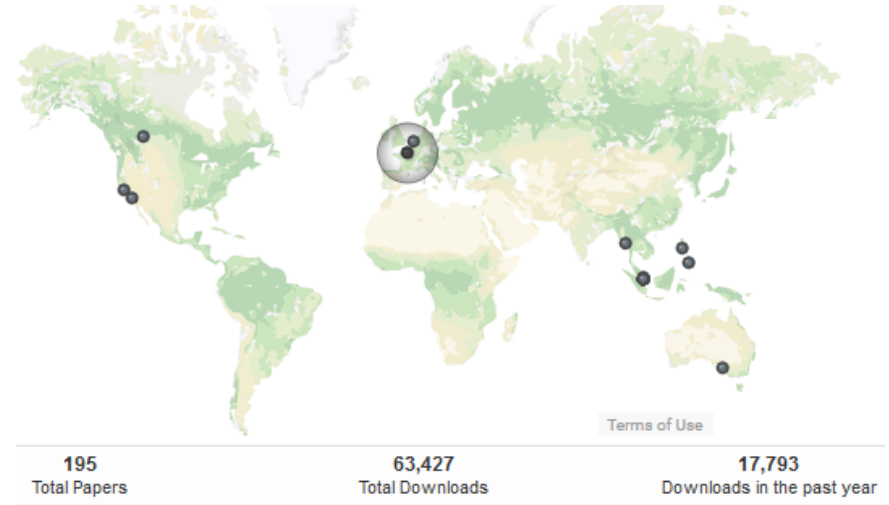


319
Total Papers

252,975
Total Downloads

Lien Centre for Social Innovation

- Social Space – magazine
- Flagship content platform, celebrates changemakers and changemaking, social innovation buzz, thoughtful articles, inspiring interviews



Lien Centre Research

LIEN CENTRE FOR SOCIAL INNOVATION: RESEARCH

LIEN CENTRE FOR SOCIAL INNOVATION: RESEARCH

Elderly Population in Singapore: Understanding Social, Physical and Financial Needs

[John A. DONALDSON](#), *Singapore Management University*

Follow

[Catherine J. SMITH](#)

[Balambigai Balakrishnan](#)

[Mumtaz Md. KADIR](#), *Singapore Management University*

Follow

[Sanushka MUDALIAR](#), *Singapore Management University*

Follow

Publication Type

Report

Year

6-2015

Abstract

Who are Singapore's low-income elderly? What makes some resilient in the face of multiple challenges? What are their social needs that might be filled by additional interventions via civil society or government programmes? These are some of the questions this publication tries to understand.

Download

22,923 DOWNLOADS

Since August 30, 2015

PLUMX METRICS

INCLUDED IN

[Asian Studies Commons](#), [Social Policy Commons](#), [Social Welfare Commons](#)

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Single-Parent Families in Singapore: Understanding the Challenges of Finances, Housing and Time Poverty

[Emma Glendinning](#), *Singapore Management University*

Follow

[Catherine J. Smith](#), *Singapore Management University*

Follow

[Mumtaz Md Md Kadir](#), *Singapore Management University*

Follow

Publication Type

Report

Year

6-2015

Abstract

This publication documents the unmet social needs of single-parent families in Singapore. It specifically focuses on four key areas; employment and finance, housing, social networks and time poverty. In-depth, qualitative interviews were completed with 88 low-income single parents across Singapore. These interviews provided the opportunity to truly explore the stories of these single-parent families, displaying the complexity and interplay of the issues they faced.

Download

9,517 DOWNLOADS

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[Asian Studies Commons](#), [Social Policy Commons](#), [Social Welfare Commons](#)

SHARE



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Libraries

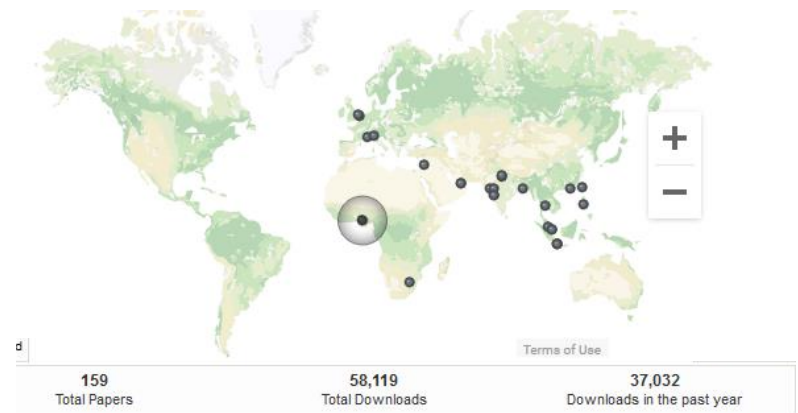
Learn about other publications

- Are any other departments producing interesting publications?
- Are your students producing publications?
- Can they go into the repository?



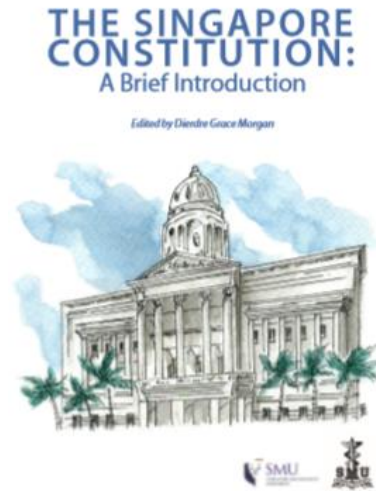
Department Publications

Asian Management Insights is a magazine which aims to develop a body of knowledge and a narrative of innovation and creativity for trends in Asian management. It brings together some of the best and brightest of Asia's thought leaders and their solutions to address current Asian challenges. Published by the Centre for Management Practice



Student Publications

- A student group called **Apolitical** produced a book on the Singapore Constitution
- We asked for their permission to upload to InK



[Download](#)

15,225 DOWNLOADS

Since February 10, 2014

 PLUMX METRICS



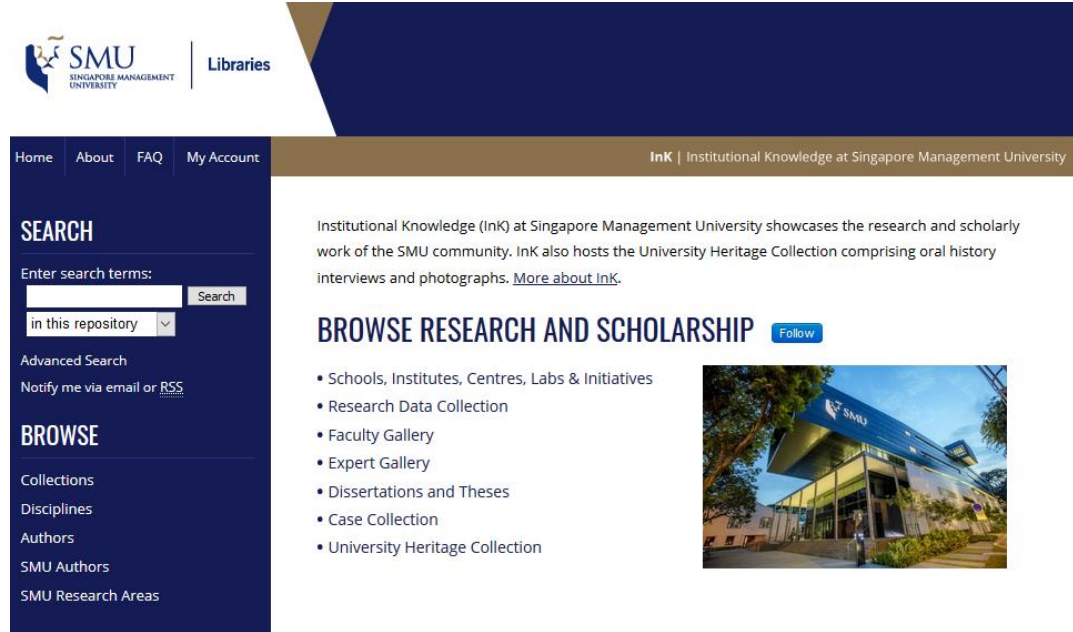
Advantages of being young university

- Opportunities to work with other departments on processes that are important to the institution
- Proactively show how the library can support and play a role in the research cycles and workflows



Conclusion

- InK is the portal for disseminating SMU research
- InK raises the visibility of SMU research
- <https://ink.library.smu.edu.sg/>



The screenshot displays the InK website interface. At the top left is the SMU Libraries logo. A navigation bar includes links for Home, About, FAQ, and My Account. The main content area features a search section with a search bar, a dropdown menu for 'in this repository', and options for 'Advanced Search' and 'Notify me via email or RSS'. Below the search section is a 'BROWSE' section with a list of categories: Collections, Disciplines, Authors, SMU Authors, and SMU Research Areas. To the right of the search section, there is a header for 'InK | Institutional Knowledge at Singapore Management University' and a paragraph describing the repository's content, including a link to 'More about InK'. Below this is a 'BROWSE RESEARCH AND SCHOLARSHIP' section with a 'Follow' button and a list of categories: Schools, Institutes, Centres, Labs & Initiatives; Research Data Collection; Faculty Gallery; Expert Gallery; Dissertations and Theses; Case Collection; and University Heritage Collection. An image of the SMU building is shown to the right of this list.