



*Online Information and Education
Conference, 2009*



Bringing collections to life: Discoverability in an era of knowledge transfer

Peter Sidorko
Deputy University Librarian
The University of Hong Kong

Bangkok, Thailand,
September 2009

Introducing HKU Libraries

The University of Hong Kong



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hong kong

HKU



HKU

Image © 2009 TerraMetrics

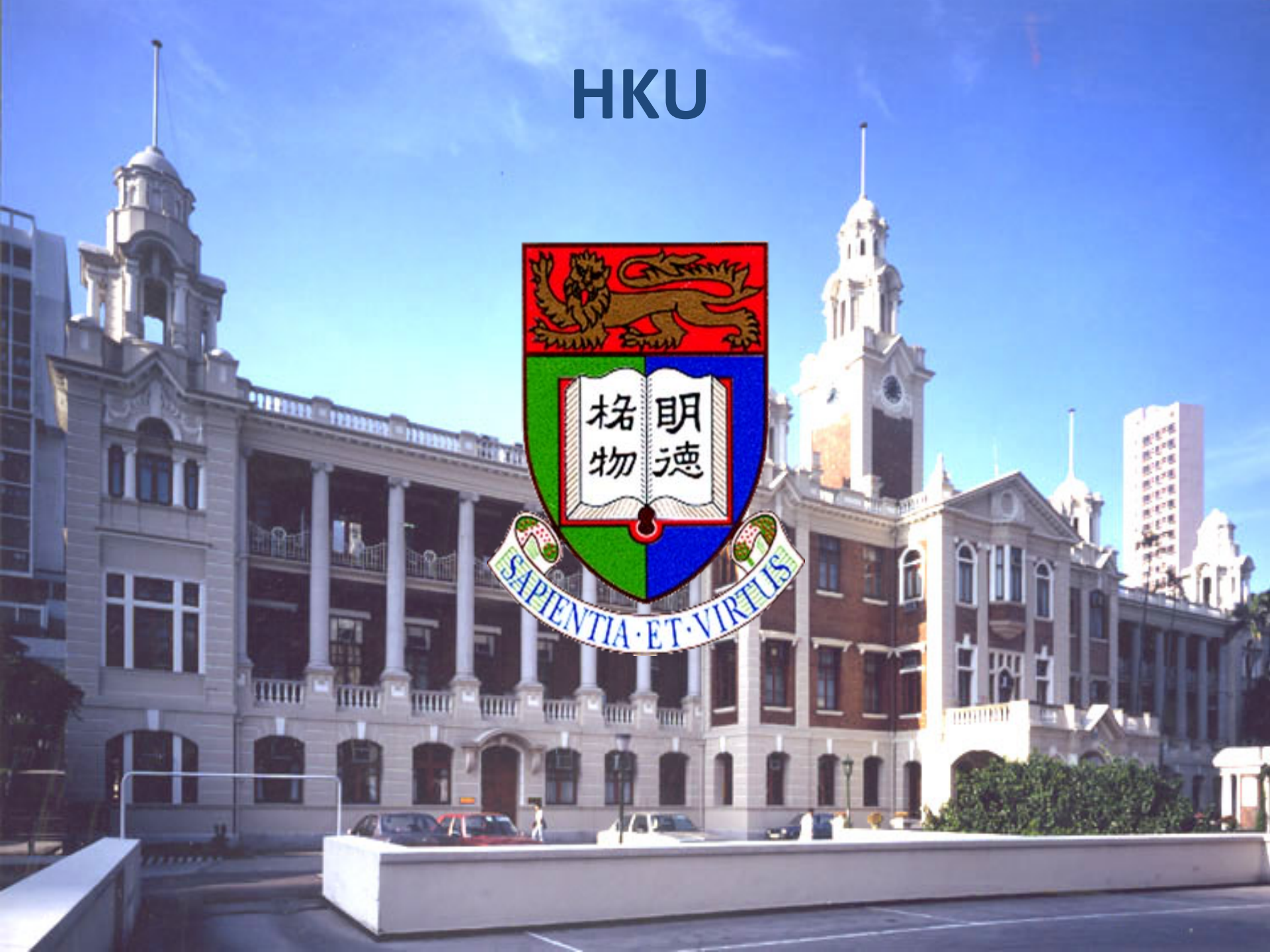
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Main Library

HKU

HKU





The University



- Evolved from the Hong Kong College of Medicine, founded in 1887
- Founded 1912
- Multidisciplinary/comprehensive - undergraduate & postgraduate
- 22,000 students (Government & self funded)
- 111,000 students (Continuing education school)
- Ranked **26** in the world's **top** universities (THES, 2008), 18th in 2007
- Ranked **1** university in Asia (Quacquarelli Symonds, May 2009)

Main Building -- the Library 1915



The Library today

- 1 Main Library (arts, architecture, humanities, science and technology, social sciences)
- 6 branches (Dental, Education, Law Medical, Music and Chinese)
- ca 235 staff including 33 professionals

Main Library





KNOWLEDGE
NAVIGATION CENTRE





余允康醫學圖書館
YU CHUN KIANG MEDICAL LIBRARY

CUHK
The Chinese University of Hong Kong
New Faculty Center
100, Ma Tau Wai Road, Kowloon, Hong Kong

Content

- 2,729,901 physical volumes
- 1,895,309 e-books
- 57,862 e-journal subscriptions
- 707 databases
- Many locally created databases

The HKUL Digital Initiatives, through its digitization projects, has opened up online access to local collections originally in print format. The first HKUL Digital Initiative, ExamBase, was launched in 1996 and other projects of scholarly interests were subsequently introduced. More digital projects are being developed to provide continuous access to digital content and services.

HKUL Digital Initiatives

- Basic Law Drafting History Online
- Beijing Historical Geography Database 北京歷史地理數據庫 **HKU ONLY**
- China Through Western Eyes
- Chinese Collectanea in Japanese Libraries 日本見藏中國叢書目錄
- Community Health Projects **NEW**
- Digital Editions from HKU Press **HKU ONLY**
- e-Video **HKU ONLY**
- Electronic Gallery of HKU
- ExamBase **HKU ONLY**
- Fung Ping Shan Library Rare Book Catalogue
- Historical Laws of Hong Kong Online
- HKU Scholars Hub **NEW**
- Hong Kong and the West until 1860
- Hong Kong Government Reports Online (1853-1941)
- Hong Kong Journals Online
- Hong Kong Listed Company Papers Online
- Hong Kong Newspaper Clippings Online
- Hong Kong Oral History Archives **NEW**
- Hong Kong Stock Market Archives and Artifacts Collection
- Hong Kong Tourism Board Collection
- Hong Kong Table of Contents Database
- Hong Kong University Theses Online
- The Last Governor Online **HKU ONLY**
- Sun Yat-sen in Hong Kong 孫中山在香港
- Translations from Chinese
- Union Catalogue of Overseas Chinese Collection in HKU and JU 華僑華人研究書目庫

Budget Shift towards Electronic

Year	% of Materials Budget
01/02	12%
02/03	21%
03/04	29%
04/05	42%
05/06	48%
06/07	50%
07/08	56%
08/09	59%
09/10	71%

Services and usage

- 102,401 registered users including 46,891 alumni
- 1.6 million physical volumes re-shelved last year (1.2 million checked out, 400,000 read in-house)
- 180 million hits on our website last year
- E-resources accessed 3.7 million times
- 14,000+ enrollments in our information skills classes
- Answered 70,000 reference questions including 2,881 sent in by email
- 24,124 sqm

Major challenges

- Lack of **collections space**. Annually have to store 90,000+ volumes in remote storage (Hingwai and Main Storage)
- Lack of **library resources fund** budget increases. Annually in deficit situation. Relying upon rapidly dwindling carry over funds from previous years.
- Insufficient **overall funding** for the Libraries once our carry over funds are exhausted
- Complications related to our **moving from print to digital** world
- Need for better **trained library staff** (now have 32 professionals – down from 44 seven years ago)
- Introduced **RFID - world's largest academic library RFID implementation**

Context: Some introductory
comments

Key trends for a 21st Century Academic Library*

- **Customization and personalization**
- Demand for **self-service**
- **Constant change**, and innovative and hybrid approaches and structures
- Successful graduates and productive faculty as **key measures of success (RoI)**
- Expanding **social environments**
- Culture of **assessment and accountability**
- **Collaboration** at all levels
- **Competition** for funding, for collections, for staff, for donors, for political attention and for visibility

Key trends for a 21st Century Academic Library*

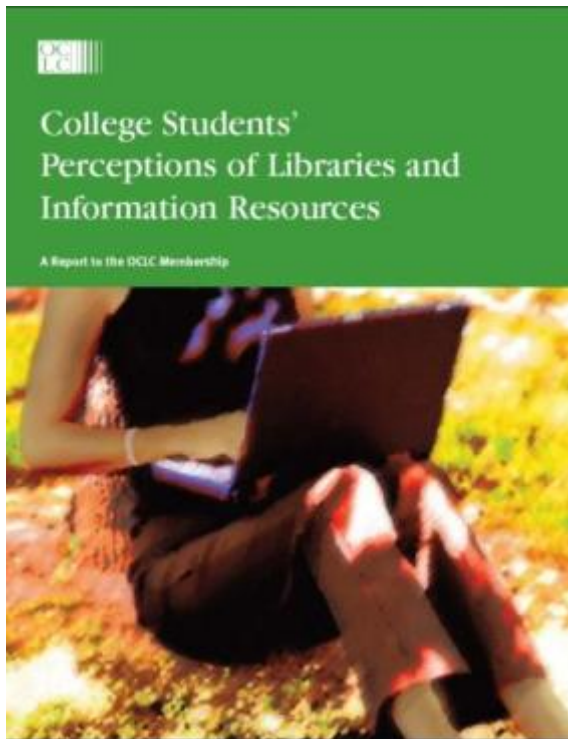
- Delivering content, services **anywhere, anytime**
- Need to **market** content and services and to raise their awareness and availability

* Neal, J. & Harboe-Ree, C. (2009) *The University of Hong Kong External Review of the University Libraries* [Unpublished Manuscript].

Where do you start your information search?

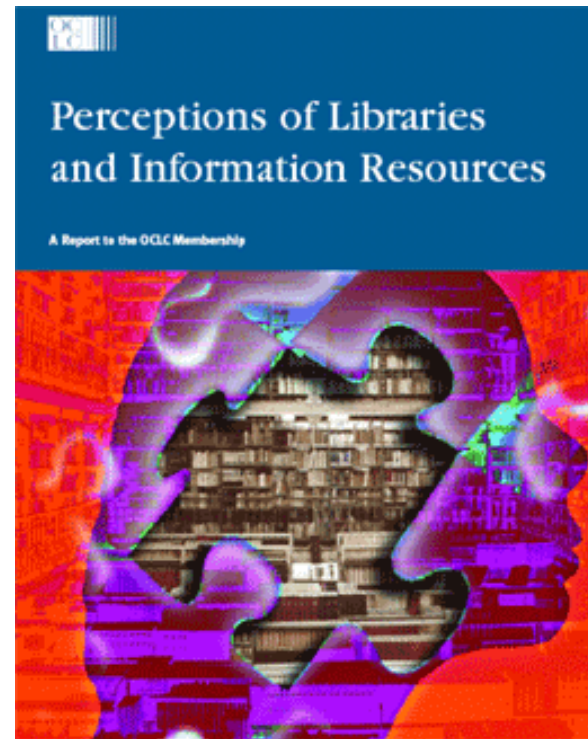
College

- Search engines (72%).
- Library web site (2%)



Everybody

- Search engines (84%).
- Library web site (1%)



Perceptions and habits

- **Quality and quantity** of information are top determinants of a satisfactory information search. Search engines are rated higher than librarians.
- The criterion selected by most information consumers to evaluate electronic resources is that the **information is worthwhile. Free is a close second. Speed has less impact.**
- Respondents **do not trust** purchased information more than free information.
- Library users like to **self-serve**. Most respondents do not seek assistance when using library resources.

Libraries

- ***“Books” is the library brand.*** Borrowing books is the number 1 service.
- Most information consumers ***are not aware of, nor do they use, most libraries’ electronic information resources.***
- ***Only 10 percent of college students indicated that their library’s collection fulfilled their information needs*** after accessing the library Web site from a search engine.
- People trust what they find using search engines. They also trust information from libraries. They ***trust them about the same.***
- ***Search engines fit the information consumer’s lifestyle better than physical or online libraries***



Students' Use of Research Content in Teaching and Learning

A report for the Joint Information
Systems Council (JISC)
2009

by Stuart Hampton-Reeves, Claire Mashiter, Jonathan Wimbaway,
Peter Lumsden, Helen Day, Helen Hewerison and Anna Hart

Produced by the Centre for Research-informed Teaching,
University of Central Lancashire

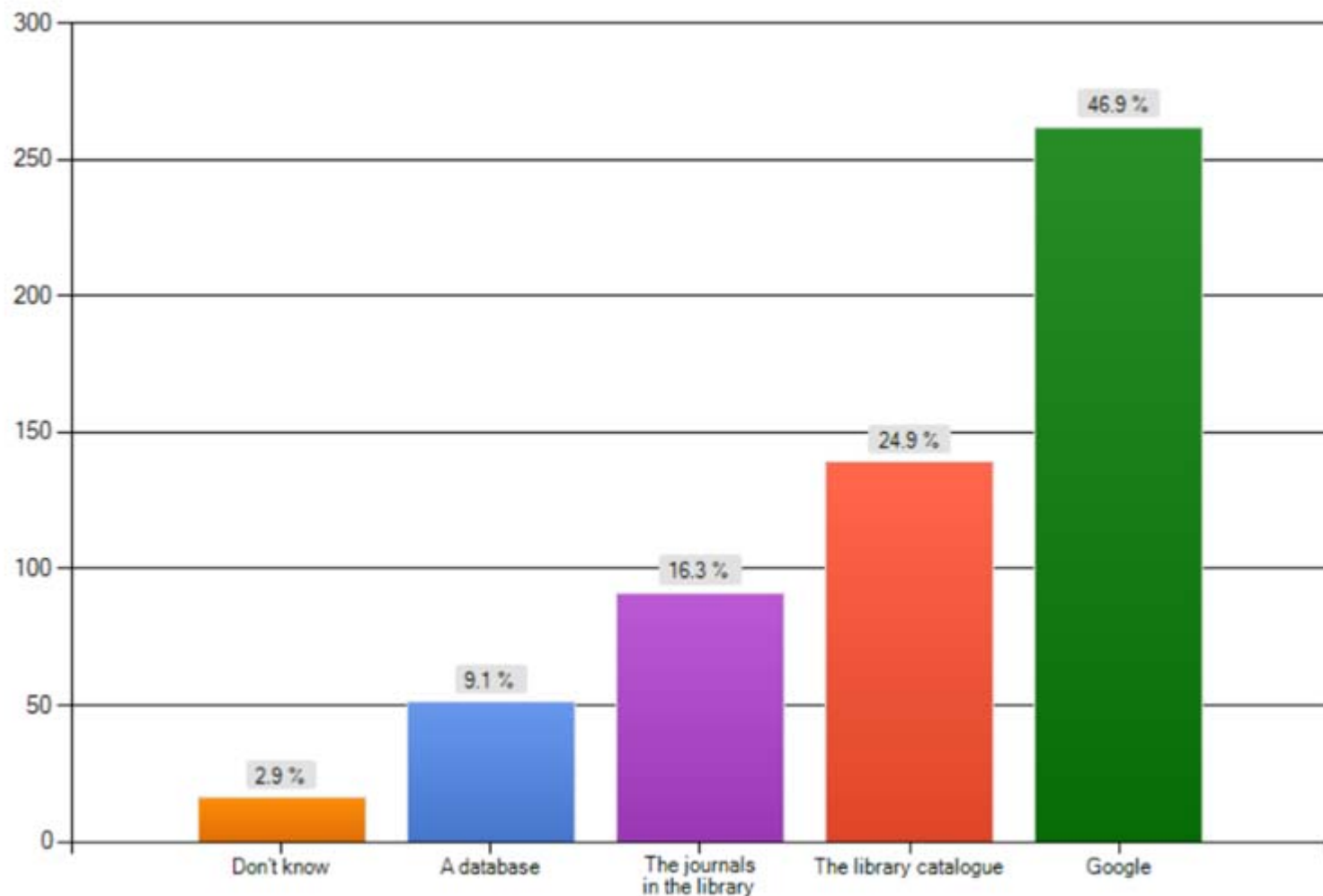


- **Most students will go to their library catalogue first, then Google**
- Although Google, Google Books and Google Scholar are heavily used, the library catalogue is still the preferred first choice for most students
- **Students rarely look beyond the first couple of pages in Google**
- Trend is towards electronic access still students use library visits with or instead of the internet
- The internet is used but also distrusted.

http://www.jisc.ac.uk/media/documents/about_us/workinggroups/studentsuserresearchcontent.pdf

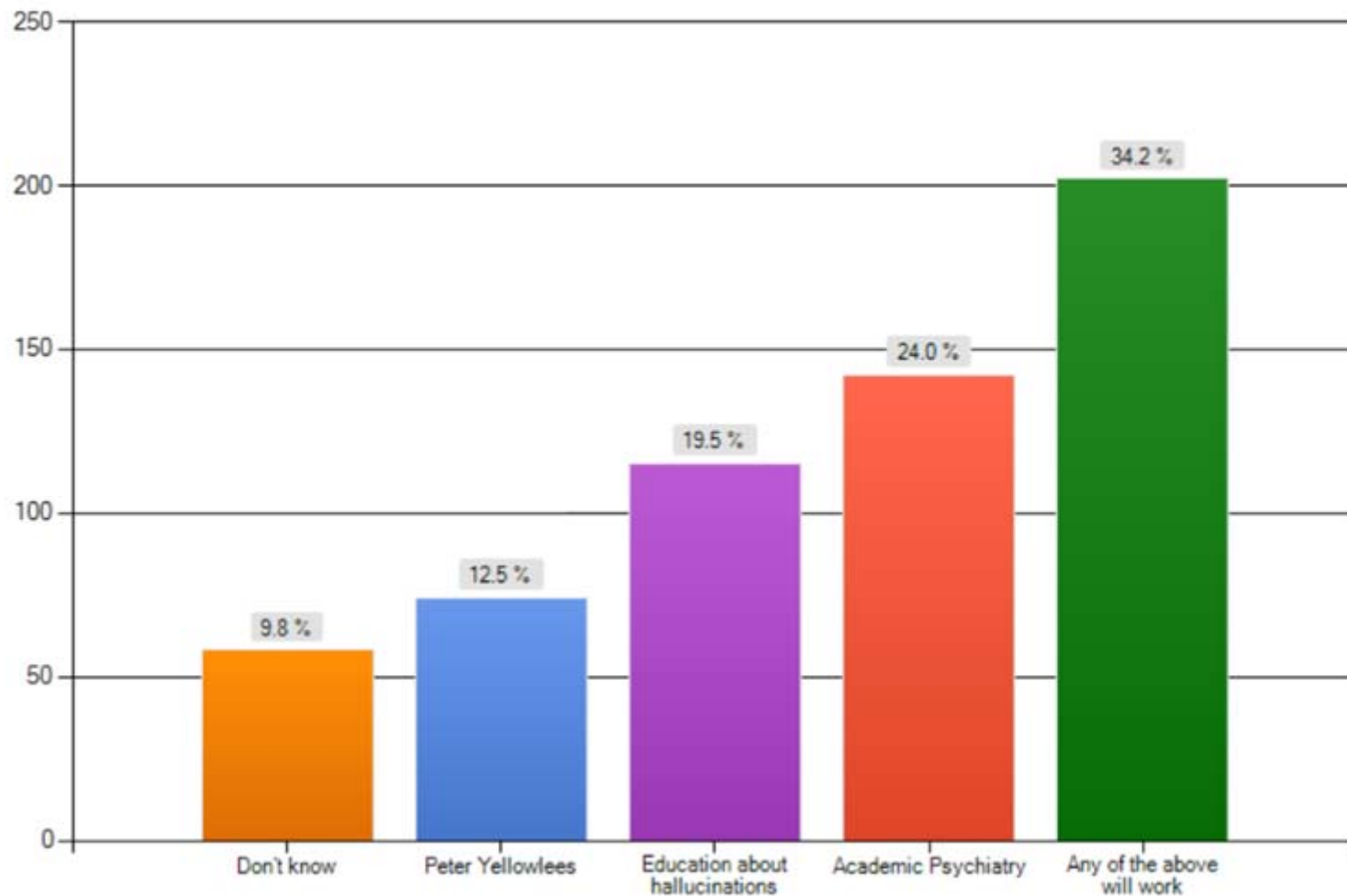
HKU Incoming Student Survey 2009

If I want to find journal articles about “Psychiatric assessment of children”, I will search in:



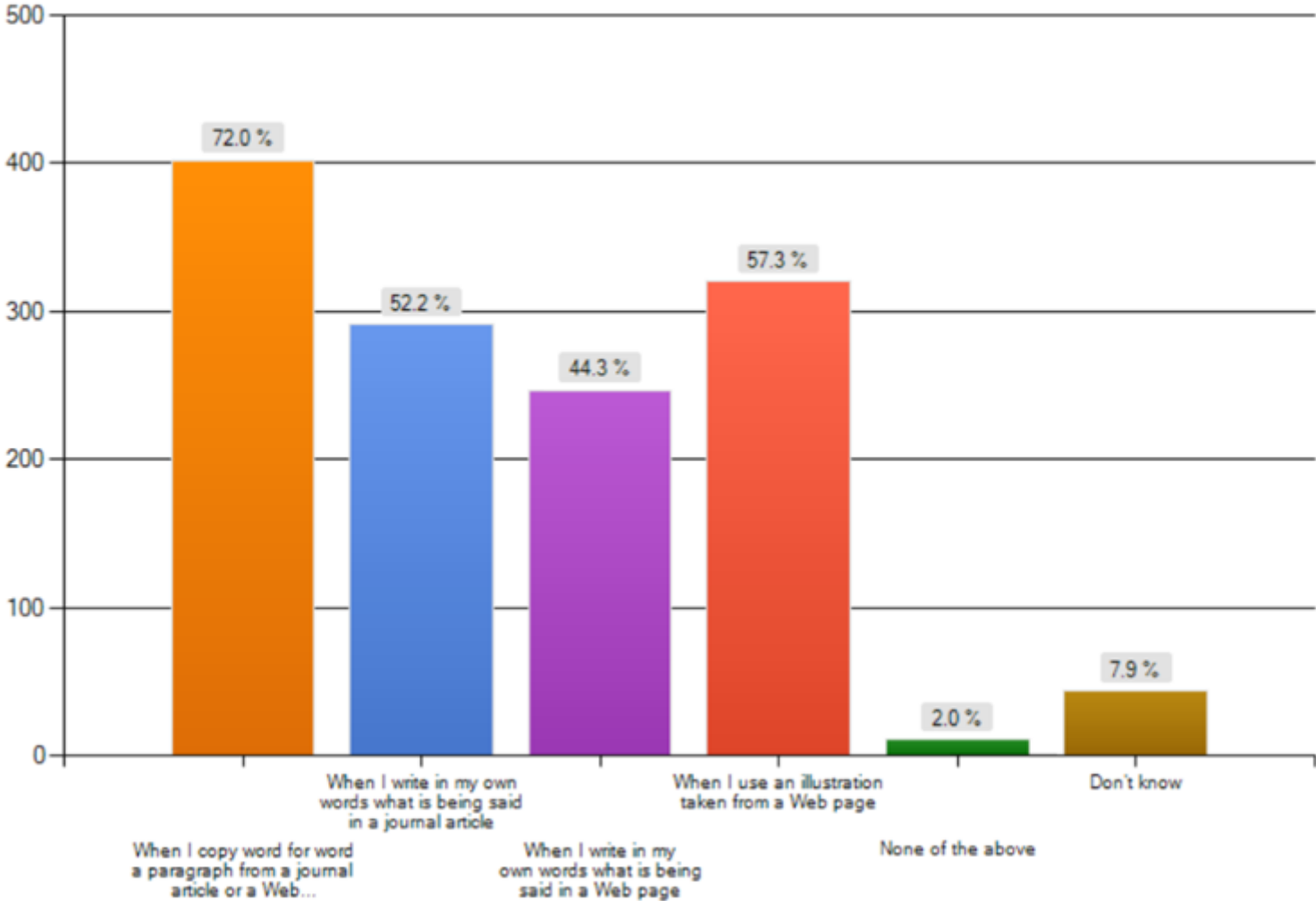
HKU Incoming Student Survey 2009

My lecturer told me that I should read an article published in the June 2006 issue of Academic Psychiatry, "Education about hallucinations", by Peter Yellowlees. To check the availability of this article at the library, I search in the catalogue under:



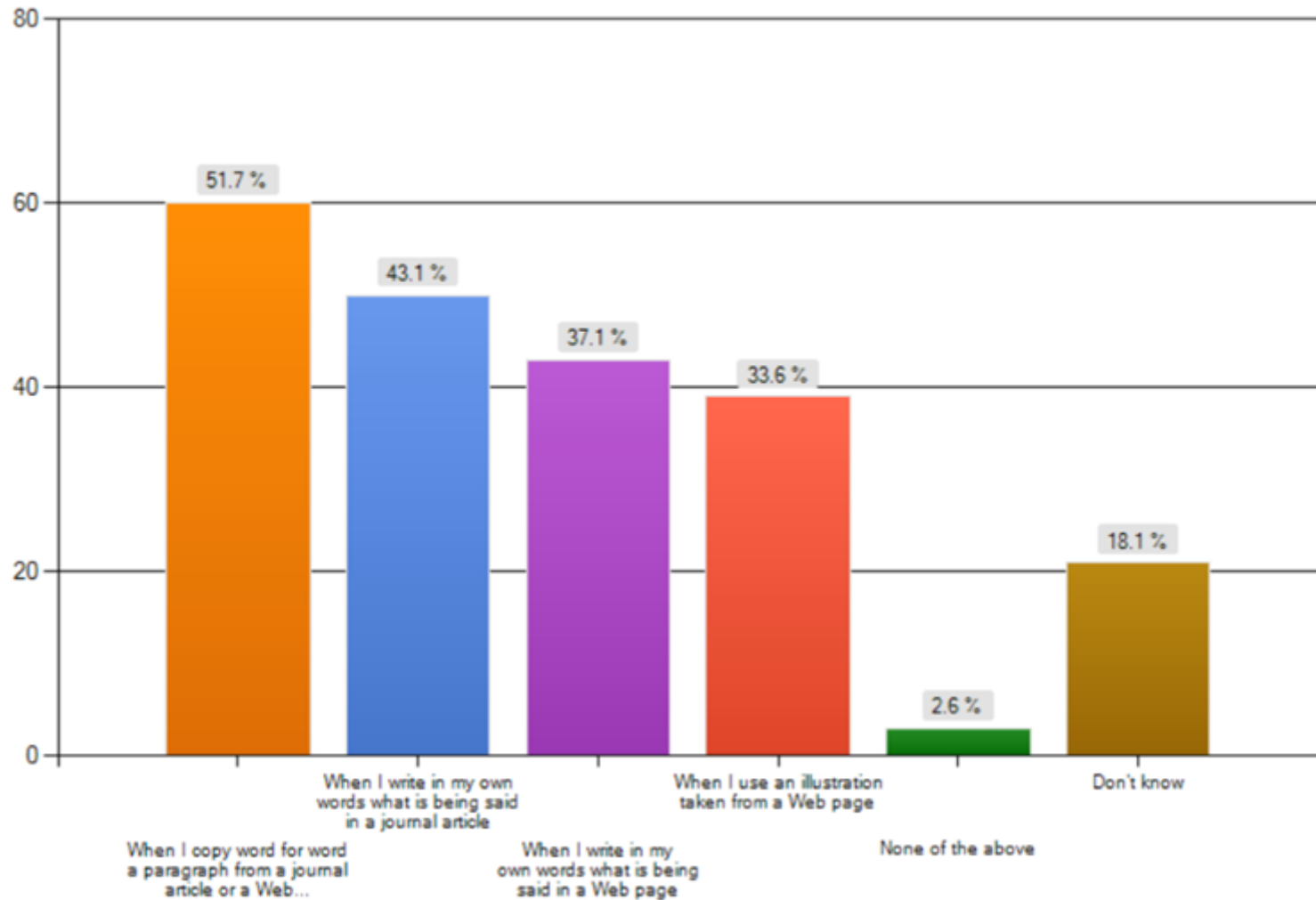
HKU Incoming Student Survey 2009

You want to use information you have found to write your paper. In which case do you need to include a reference to the source information? (You may choose more than 1)



Incoming Student Survey 2009 – another university

You want to use information you have found to write your paper. In which case do you need to include a reference to the source information? (You may choose more than 1)



Accessibility vs Discoverability

Accessible

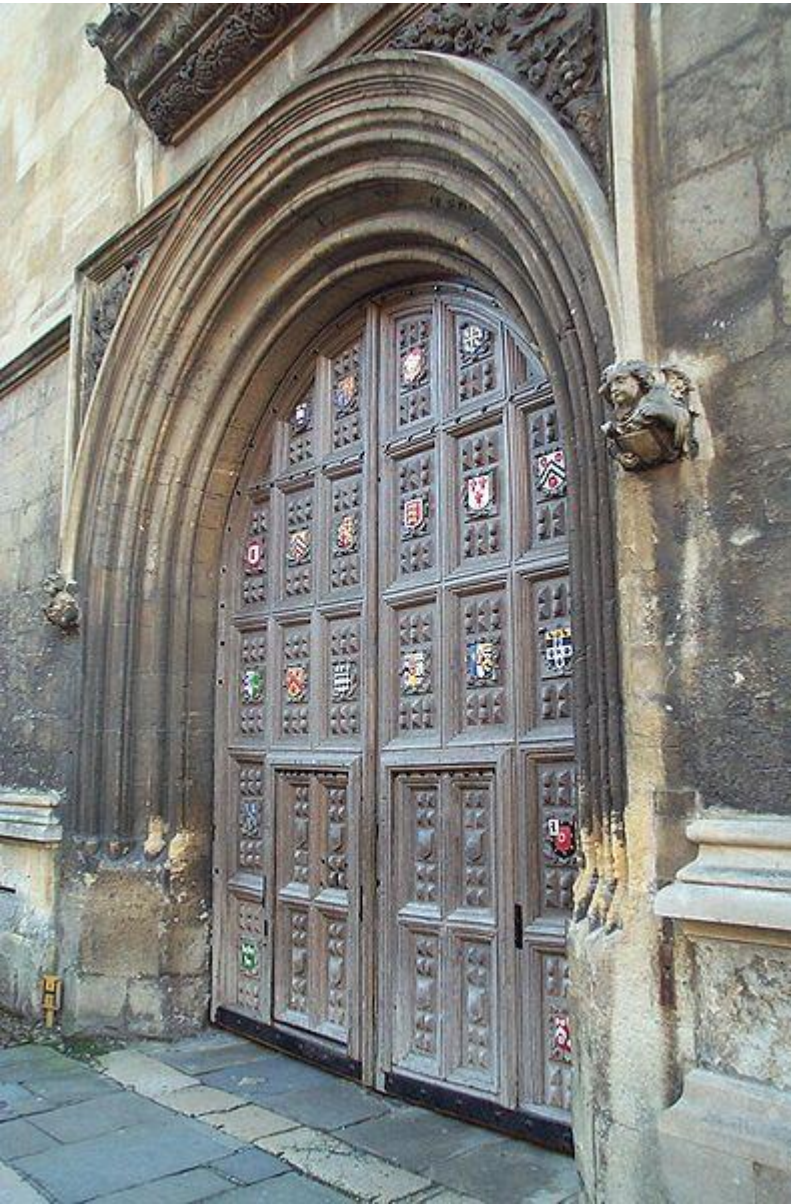
- Unlocked
- Not hidden
- the degree to which a product (e.g., device, service, environment) is accessible by as many people as possible
 - <http://en.wikipedia.org/wiki/Accessibility>

Discoverable

- Can you find it?



Accessibility?



Bodleian Library entrance, Oxford.

<http://commons.wikimedia.org/wiki/File:Bodleian20040124CopyrightKaihsuTai.jpg>



The Sistine Hall of the Vatican Library

<http://en.wikipedia.org/wiki/File:Salone-sistino.jpg>



HKU Chinese Rare Books Room





HKU Chinese Rare Books “cage”



Open shelves. Accessible yes, but discoverable?

Knowledge Transfer and Knowledge Exchange



The University of Hong Kong's 3 Strategic Themes

- Enhancing the student learning experience
- Advancing research & innovation
- **Promoting knowledge exchange & demonstrating leadership in communities across the region**



Knowledge Transfer

- Within a modern, knowledge driven economy, knowledge transfer is about **transferring good ideas, research results and skills between universities, other research organisations, business and the wider community** to enable innovative new products and services to be developed.

(www.ost.gov.uk)

- www.bl.uk/aboutus/stratpolprog/redeflib/glossary/index.html
- The British Library described as a “Cathedral for Knowledge Transfer”.
 - <http://www.bl.uk/knowledgetransfer/morenews.html>

Knowledge Exchange

- the process of engaging, for mutual benefit, with business, government or the community to generate, acquire, apply and make accessible the knowledge needed to enhance material, human, social, cultural and environmental wellbeing
 - (HKU internal document)
- What role should the library play?

Bringing collections to life (1): HKU Scholarly Output

The Scholars Hub

The HKU Scholars Hub The University of Hong Kong



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- [Beijing Historical Geography Database](#) 北京歷史地理數據庫 **NEW**
- [China Through Western Eyes](#)
- [Chinese Collectanea in Japanese Libraries](#) 日本見藏中國叢書目錄
- [Community Health Projects](#)
- [e-Video](#) **NEW**
- [Electronic Gallery of HKU](#)
- [ExamBase](#) **NEW**
- [Fung Ping Shan Library Rare Book Catalogue](#)
- [Historical Laws of Hong Kong Online](#)
- [HKU Press Digital Editions](#) **NEW**
- [HKU Scholars Hub](#)
- [Hong Kong and the West until 1860](#)
- [Hong Kong Government Reports Online \(1842-1941\)](#)
- [Hong Kong Journals Online](#)
- [Hong Kong Listed Company Papers Online](#)
- [Hong Kong Newspaper Clippings Online](#) **NEW**
- [Hong Kong Oral History Archives](#)
- [Hong Kong Stock Market Archives and Artifacts Collection](#)
- [Hong Kong Tourism Board Collection](#)
- [Hong Kong Table of Contents Database](#)
- [Hong Kong University Theses Online](#)
- [Pacific Rim Digital Library Alliance \(PRDLA\) Archive](#) **NEW**
- [The Last Governor Online](#) **NEW**
- [Sun Yat-sen in Hong Kong](#) 孫中山在香港
- [Translations from Chinese](#)
- [Union Catalogue of Overseas Chinese Collection in HKU and JU](#) 華僑華人研究書目庫



Open Access (OA) and the Institutional Repository (IR)

- Open access (OA) is free, immediate, permanent, full-text, online access, for any user, web-wide, to digital scientific and scholarly material en.wikipedia.org/wiki/Open_access
- An institutional repository (IR) collects, preserves, and disseminates in digital form, the intellectual output of an institution. IRs usually provide open access on items held within the IR. The "HKU Scholars Hub" is the IR for HKU. <http://hub.hku.hk/help.jsp>

HKU Scholars Hub Holdings

Material type	2006-07	2007-08	2008-09
Article	1,338	3,234	3,685
Abstract	0	0	197
Book	149	156	450
Book Chapter	0	0	4
Conference Paper	0	1,524	2,165
Finding Aid	0	0	1
Image	0	0	101
Journal	3	6	11
Learning Object	0	0	165
Moving Image	173	173	188

HKU Scholars Hub Holdings (cont'd)

Material type	2006-07	2007-08	2008-09
Newspaper article	0	0	56
Patent	20	87	88
Postgraduate Thesis	15,166	16,001	17,012
Postprint	200	350	432
Preprint	0	0	8
Presentation	6	115	115
Student Project	145	152	169
Undergraduate Thesis	268	268	455
<i>TOTAL</i>	<i>17,468</i>	<i>22,066</i>	<i>25,302</i>

Improving discoverability of HKU content

- OAI – PMH



- SCIRUS



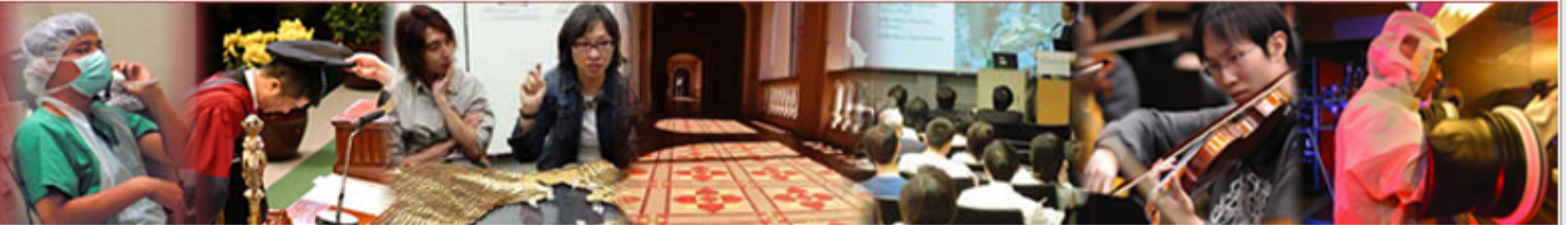
- SCOPUS



- Web of Science



The HKU Scholars Hub The University of Hong Kong



The HKU Scholars Hub

The HKU Scholars Hub is the institutional repository of The University of Hong Kong. It seeks to collect the intellectual output of HKU and make it available to the widest possible audience. Records are made in the Hub for items that are fulltext open access, or for URLs that hyperlink to the same.

The Hub

[Advanced Search](#)

[Fulltext Search **SCIFUS**](#)

[Browse by Author](#)

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[Browse by Community](#)

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Law students at HKU.



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[HKU Research & Scholarship](#)

[HKIR: all Repositories in HK](#)

[Open access news](#)

Featured Scholar



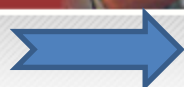
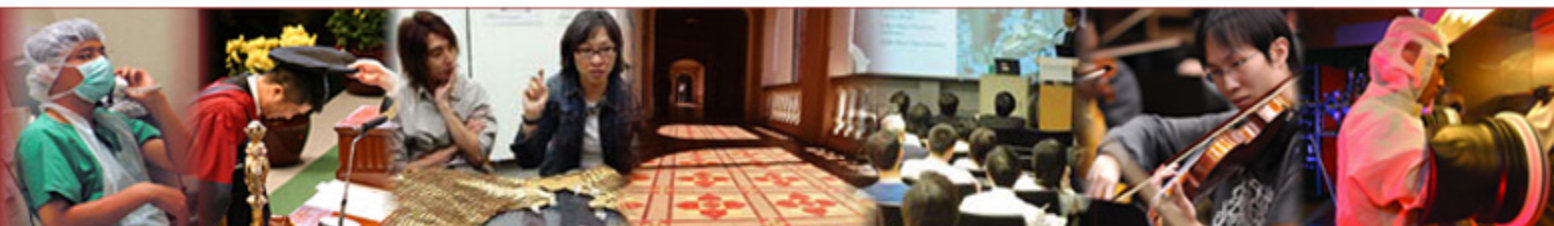
Professor T.H. Tse, MBE PhD FBCS
FMS FMA FHKIE, Department of

Quick search of The Hub

Search the author, title, abstract and series fields.

Search

For phrase search, please use quotation marks, for example, "Wann, John", or "Behavior Therapy".



HKU Recent Research in WOS

The entries below appeared last week in the Web of Science. Search on "SA=Pokfulam" an email alert, and an RSS feed produce this page, courtesy of Web of Science.

The Hub

[Advanced Search](#)

[Fulltext Search **SCIRUS**](#)

[Browse by Author](#)

[Browse by Title](#)

[Browse by Community](#)

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[Publisher Policies](#)

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Pub Date: Tue, 01 Sep 2009 03:03:12 HKT

Selective sludge discharge as the determining factor in SBR aerobic granulation: Numerical modelling and experimental verification

Molecular phylogeny of *Ceropegia* (Asclepiadoideae, Apocynaceae) from Indian Western Ghats

Double EGFR mutants containing rare EGFR mutant types show reduced in vitro response to gefitinib compared with common activating missense mutations

Identification and characterization of metallodrug binding proteins by (metallo)proteomics

Thematic Section: Papers arising out of 22nd Himalaya-Karakoram-Tibet workshop (HKT 22)

Synthesis and thermal conductivity of Cu₂O nanofluids

Upper comonotonicity

Applications of conditional comonotonicity to some optimization problems

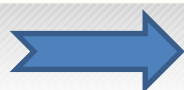
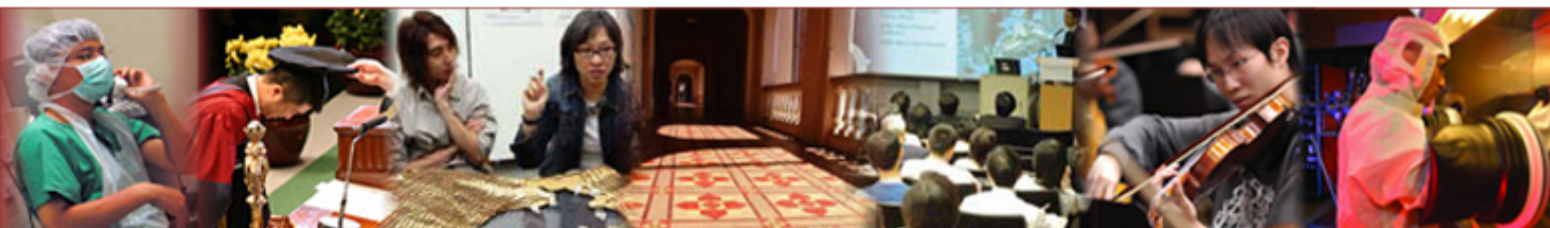
Glycodelin-A as a modulator of trophoblast invasion

Inhibitory Mechanism of Naringenin against Carcinogenic Acrylamide Formation and Nonenzymatic Browning in Maillard Model Reactions

The Duration of Lamivudine Therapy for Chronic Hepatitis B: Cessation vs. Continuation of Treatment After HBeAg Seroconversion

ARMR: Anonymous routing protocol with multiple routes for communications in mobile ad hoc networks

Sponsored by HKU Libraries



HKU's Most Cited Articles in Scopus

Medicine

The Hub

Advanced Search

Fulltext Search **SCIOUS**

Browse by Author

Browse by Title

Browse by Community

Browse by Type

Publisher Policies

Help

To submit to the Hub?
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- **A one-year trial of lamivudine for chronic hepatitis B**
First Author: Lai, C.-L.
Cited 1266 times
Year: 1998
Source title: New England Journal of Medicine
[View on Scopus](#)
- **Coronavirus as a possible cause of severe acute respiratory syndrome**
First Author: Peiris, J.S.M.
Cited 1164 times
Year: 2003
Source title: Lancet
[View on Scopus](#)
- **Clinical progression and viral load in a community outbreak of coronavirus-associated SARS pneumonia: A prospective study**
First Author: Peiris, J.S.M.
Cited 692 times
Year: 2003
Source title: Lancet
[View on Scopus](#)
- **Tissue Doppler echocardiographic evidence of reverse remodeling and improved synchronicity by simultaneously delaying regional contraction after biventricular pacing therapy in heart failure**
First Author: Yu, C.-M.
Cited 611 times
Year: 2002
Source title: Circulation
[View on Scopus](#)
- **A cluster of cases of severe acute respiratory syndrome in Hong Kong**
First Author: Tsang, K.W.
Cited 565 times
Year: 2003
Source title: New England Journal of Medicine



Author Page for "Bacon-Shone, J.H."

The Hub Online

Search

- Advanced Search
- Series Full Txt
- Collection

Browse

- Title
- Author
- Date

Statistics

[HKU Author Pages](#)

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[About the Hub](#)

[Submission](#)



Prof. Bacon-Shone, John Hugh

白景崇

Variants: Bacon-Shone, J.H.
Baconshone, J.
Bacon-shone, John

[Social Sciences Research Centre](#)

Tel.: (852) 3921 2600

Email: johnbs@hku.hk

[Personal web page](#)

[Hide details](#)

Biography

John Bacon-Shone is Associate Dean of Social Sciences, Director of the Social Sciences Research Centre and Professor at The University of Hong Kong. Previously, he served two terms as elected Dean of Social Sciences and was a member of the Statistics Department in The University of Hong Kong. John was educated at the University of Birmingham (PhD), University College London (MSc) and the University of Durham (BSc). He was headhunted to be a full-time Member of the Central Policy Unit of the Hong Kong SAR Government from 1998 to 2001. His current research interests encompass a wide range of topics including compositional data, gambling, immigration and population policy, privacy policy and telephone survey methodology.

Citations

Scopus

Paper Count: 23

Citation Count: 45

[Find "Bacon-Shone, J.H." on Scopus](#)

[Find "Baconshone, J." on Scopus](#)

[Find "Bacon-shone, John" on Scopus](#)

ISI Web of Science

Paper Count: 17

Citation Count: 12

[Find "Bacon-Shone, J.H." on ISI](#)

Output

- Global access to HKU scholarly content
- Increased visibility of the work of HKU and its scholars
- Increased citation counts for HKU scholarly works
- Greater global impact of HKU scholarship.

Downloads (2008/09)

Type	Totals
Article, Preprint & Postprint	74,011
Book	807
Book Chapter	123
Conference Paper	21,619
Finding Aid	6
Image	126
Journal	161
Learning Object	304
Moving Image	1,421

Downloads (2008/09) (cont'd)

Type	Totals
Newspaper Article	1,514
Patent	1,226
Postgraduate Thesis	1,303,889
Presentation	3,660
Student Project	18,257
Undergraduate Thesis	35,209
Unknown Type	6,776
Grand TOTAL	1,597,198

Top item downloads (2008-09)

Title	Type	Download times
Dental care service in the post-secondary institutions in Hong Kong	Student Project	6,597
The profession of EDP audit in Hong Kong	PG Thesis	2,723
Dental service for nursery children in Yuen Long	Student Project	2,149
Risk-resilient heuristics and genetic algorithms for security-assur...	Article	1,975
Promoting Client Participation: A Study of Youth Probationers in Ho...	Postprint	1,207
Quantum spin field effect transistor	Article	892
A general actuator saturation compensator in the continuous-time do...	Conference Paper	840
Variation in Antiviral 2',5'-Oligoadenylate Synthetase (2'5'AS) Enz...	Article	784
A cognitive-functional investigation of questions in Chinese	PG Thesis	768

Bringing collections to life (2): Rare Book Digitisation Project

A HKUL-iGroup Collaboration



Project Scope: Phase 1

- Digitization, i.e. scanning of images and production of 4,000 e-books (about 1,200,000 images)
- Rare, out-of-copyright books on China and Asia written in English
- Project started in July 2008

Motivators

- Preservation
- Access
- Improving searching capabilities - discoverability
- Supporting teaching and research
- Strengthening the role of HKU Libraries as a digital content provider.

Books to be digitized

Western Rare books about Asia, including:

- A. Morrison Collection
- B. Hankow Collection
- C. Chater Collection ...



A. Morrison Collection

- Formerly Library of the Morrison Education Society, an educational institution set up in 1836 to further the work of Rev Robert Morrison (1782-1834), the first Protestant missionary in China
- Opened in Old English Factory, Guangzhou, in early 1838



*Old English
Factory*



Books from:

- Library at the English Factory (1806-1834)

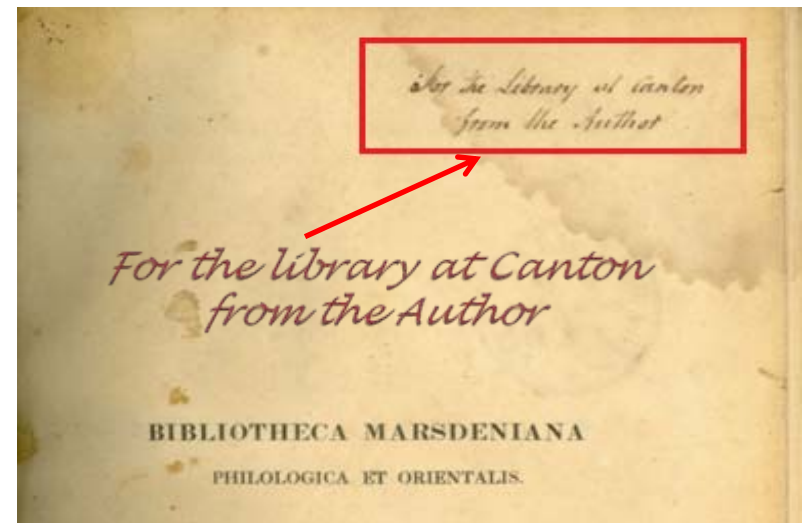


Thomas R. Colledge

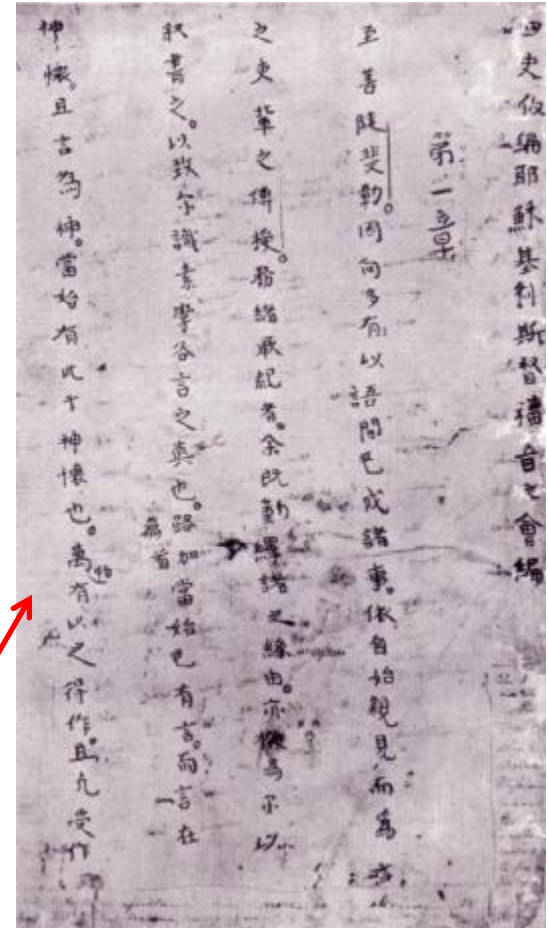
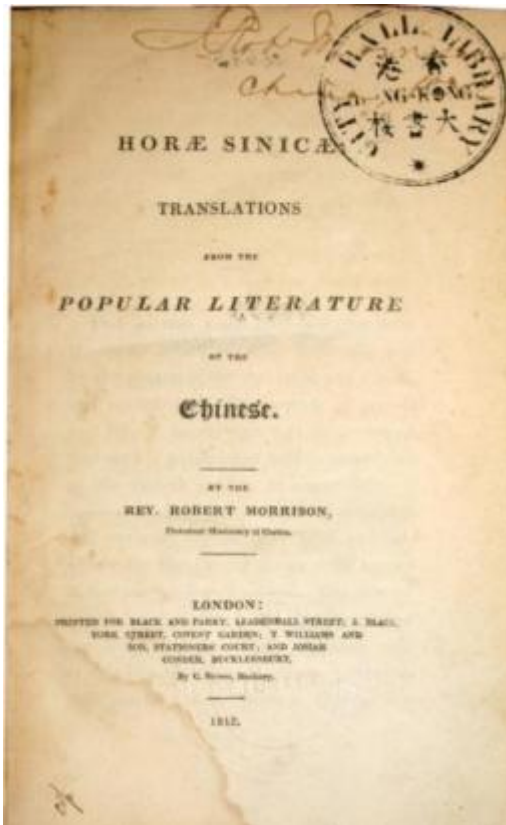


No. 10. Canton Factories. c. 1815. Oil.

Chinese Artist.

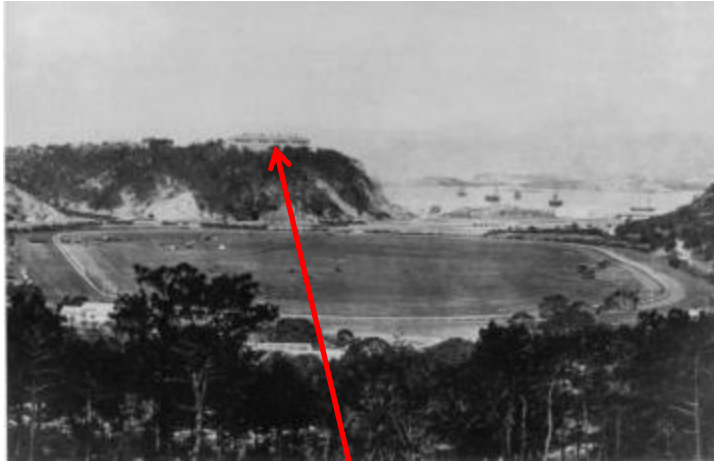


Robert Morrison's books from his son, John R. Morrison, when he passed away in 1843

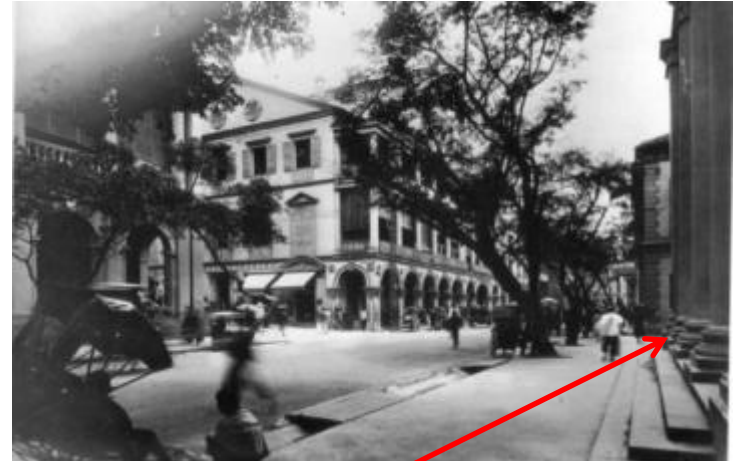


Bible Manuscript

From Guangzhou to HKU



1842 Morrison Hill



???? Old Court House



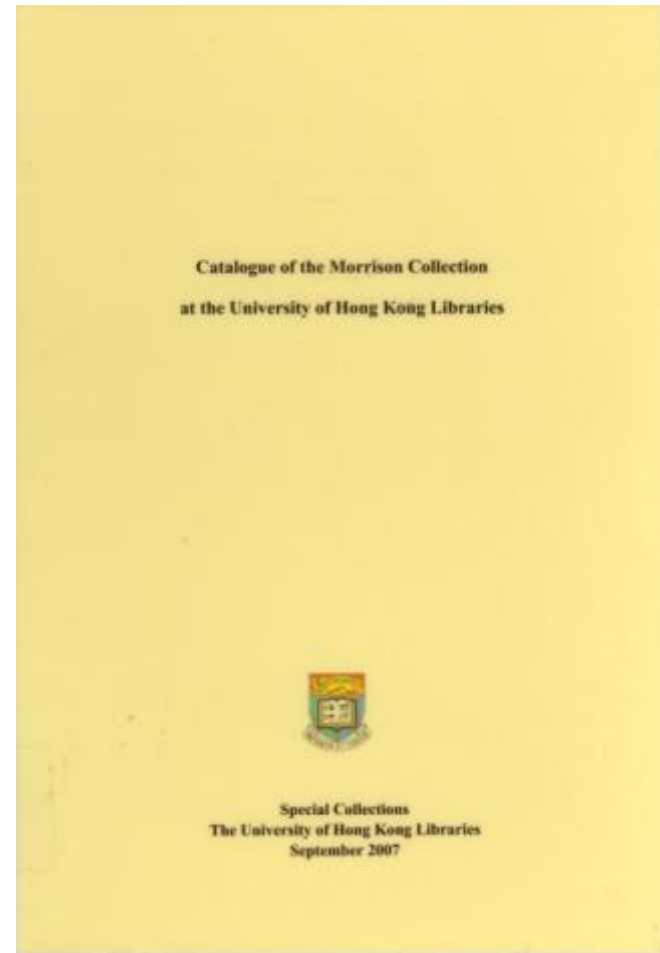
1869 City Hall



1913 HKU

The Collection

- No new additions since 1869
- Representative of the period
- Bible in different languages
- Some books on China
- 1,284 titles in 2,726 volumes



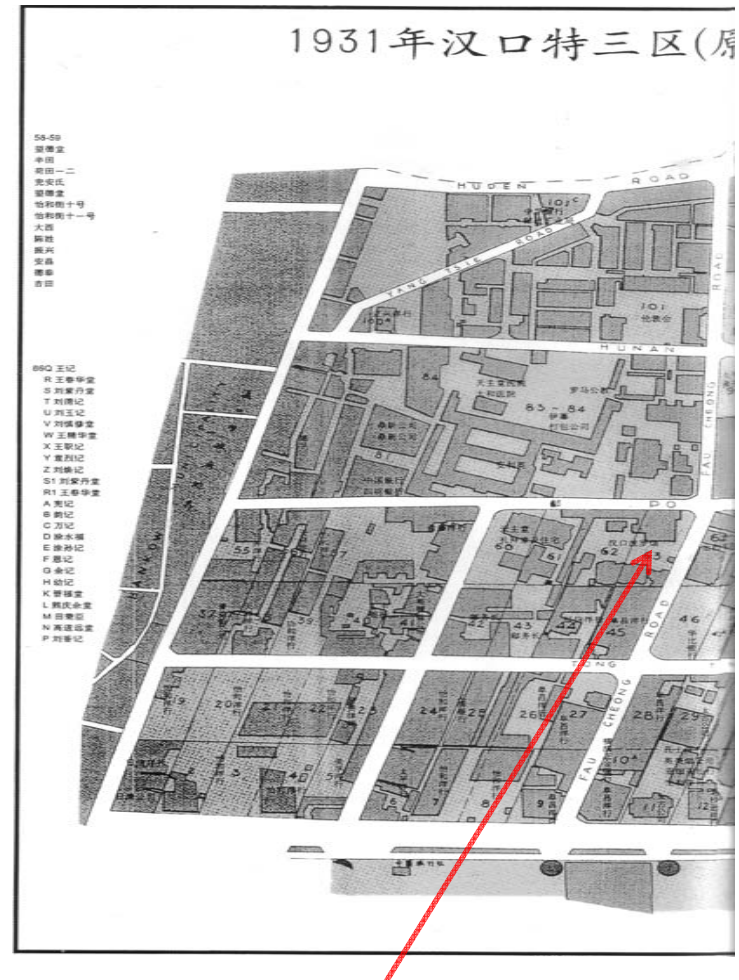
B. Hankow Collection

- The British founded the Hankow Club in 1878 to provide amenities for the foreign communities in Hankow
- A place for fun and social gatherings
- In Chinese the Club was called 「大波樓」 and 「波羅館」(Chinese translation of pool?)

Where was it?



Hankow



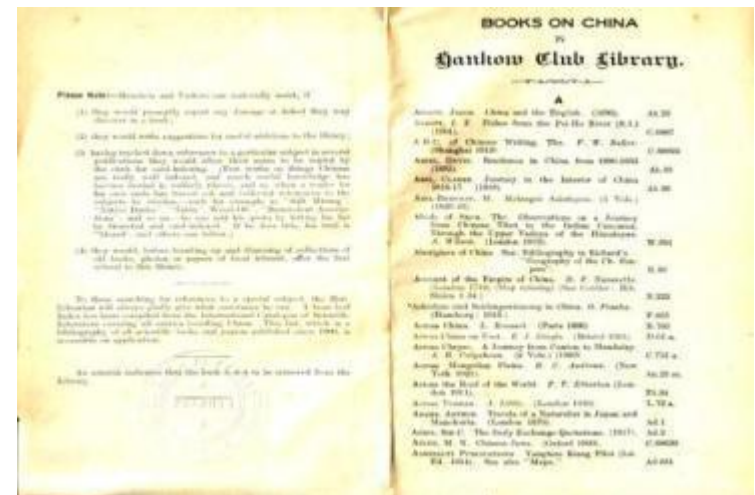
Hankow Club

The first library in the foreign concessions in Hankow

- Honorary Librarian – Dr A.H. Skinner, a British physician who lived in Hankow for 30 years
- The Library came to accumulate one of the best Far Eastern Collections in any library in China in the early twentieth century

About the Library

- Card catalogue
- Book catalogue
- Book selection policy
- Library regulations

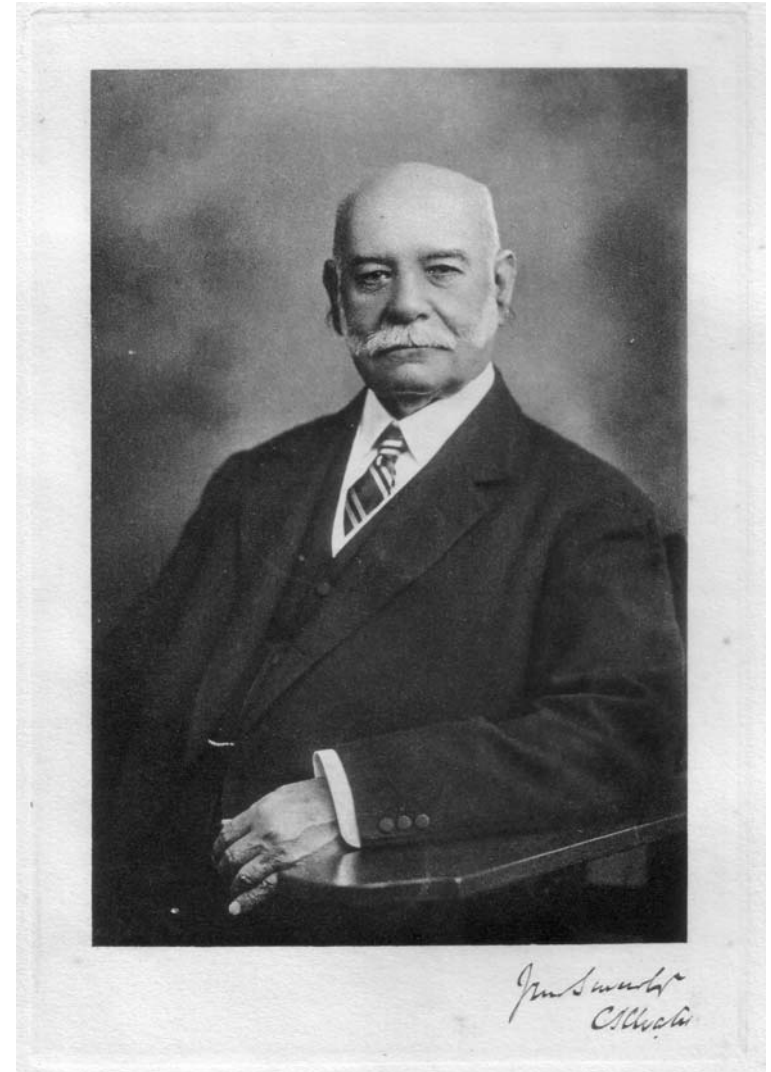


From Hankow to HKU

- China's Recovery of the British Concession in Hankow in 1927
- Exodus of foreigners from Hankow
- The Hankow Club decided to sell books
- HKU bought the 'China' section of the library collection in 1932 for HK\$25,000
- Three thousand (3,000) volumes of books and journals with an emphasis on the Far East

C. Chater Collection

- Sir Paul Chater built up a fine collection of oil paintings, print sketches, ceramics, books and photographs on China.
- He passed away in 1926 and bequeathed his collection to Hong Kong.



The Collection

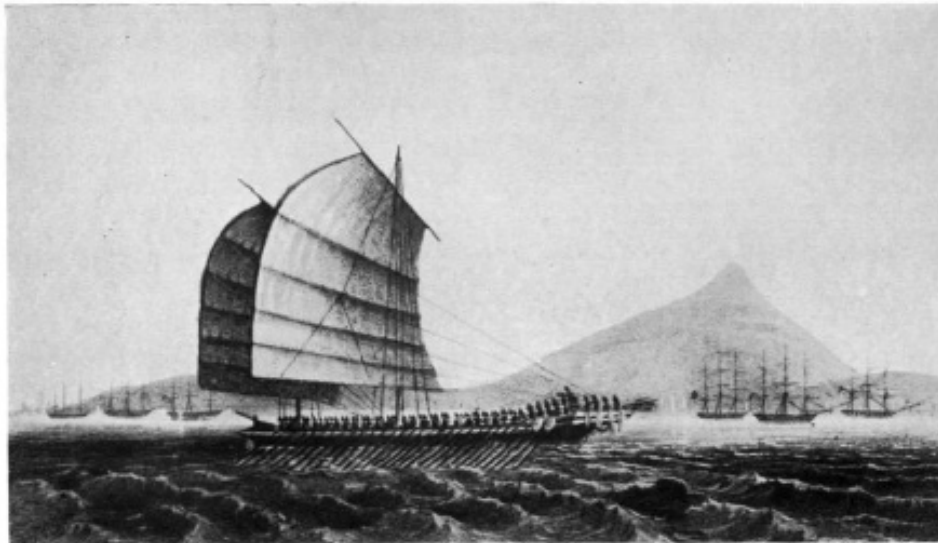
- Sir Cecil Clementi, Governor of Hong Kong from 1925 to 1930, presented the 54 rare Chater *books* to the University in 1927
- Book list available at *The Chater collection: pictures relating to China, Hongkong, Macao, 1655-1860* by James Orange (1924)
- Mainly 19th century imprints
- Some with excellent illustrations





No. 1. Peking. c. 1700. Engraving.

Auriquès.



No. 1. Opium Fleet and Smuggler's Boat, Lintin. c. 1830. Lithograph.

L. Haghe.

THE CHATER COLLECTION

PICTURES relating to CHINA, HONGKONG,
MACAO, 1655-1860; with HISTORICAL and
DESCRIPTIVE LETTERPRESS by JAMES
ORANGE AUTHOR OF 'JAPANESE LACQUER,' 'BIZENWARE,' Etc.



THORNTON BUTTERWORTH LIMITED
15 BEDFORD STREET, LONDON, W.C.2

Scanners

- Kirtas APT 2400 - an automatic book digitization device that features an integrated automatic page-turning robot



The University of
Hong Kong
Libraries

“Technically, the Kirtas system provides a total solution to our scanning of rare books and the production of their digital counterpart.”

Dr. Y.C. Wan | Director of Library Services

The University of Hong Kong (HKU) was founded in 1910, making it the oldest tertiary education institution in Hong Kong, and today it attracts more than 20,000 students from mainland China and around world. As a leading research university, HKU prides itself on developing the largest number of research post-graduate students in the territories.

As with most universities, HKU's Libraries (HKUL) provide much needed resources to the campus community and beyond, with the exception of a few rare collections unique only to HKUL. The libraries' Hankow and Morrison Collections are home to rare, out-of-copyright books, dealing specifically with China and more generally with Asia.

“Our collection of rare books on China in Western languages is rather unique in this part of the world,” noted Dr. Y.C. Wan who oversees main library services. “We need to exploit the full value of this collection by both scanning and producing fully readable e-books as rapidly and inexpensively as possible.”

E-books are the digital media equivalent to a conventional printed book. They can be downloaded to your computer in various file formats enabling you to search and cross-reference text using hyperlinks making e-books highly desirable for research work.

The Kirtas Solution

In order to begin this transformation from hard-copy books to e-books, HKUL needed an efficient, cost-effective, gentle, high-quality digitizing solution. Together with their partner iGroup, Kirtas Technologies was able to provide it.

HKUL decided to purchase a Kirtas APT BookScan 2400, a book digitization system that can capture up to 2,400 pages per hour using two high-resolution cameras. The cameras capture each

right- and left-hand page simultaneously through their precision 24-70 mm Zoom EF lenses in full color with all the details, in a fraction of a second.

“Technically, the Kirtas system provides a total solution to our scanning of rare books and the production of their digital counterpart,” said Wan. Previously, HKUL attempted an in-house operation to scan rare books, but the results led them to discover that it was not an efficient or cost-effective way to tackle mass digitization.

“It [the Kirtas system] also enables us to work with a regional Asian partner like iGroup to fully exploit the potential value of our content and gain global visibility and identification with other leading universities who partnered with Kirtas.”

The Next Step

So what does the future hold for HKUL now that they've embarked on their own mass-digitization journey? “We will use the Kirtas machine for other collections,” concluded Wan. “Early serials about China, our own theses collections, and other non-copyrighted books.”



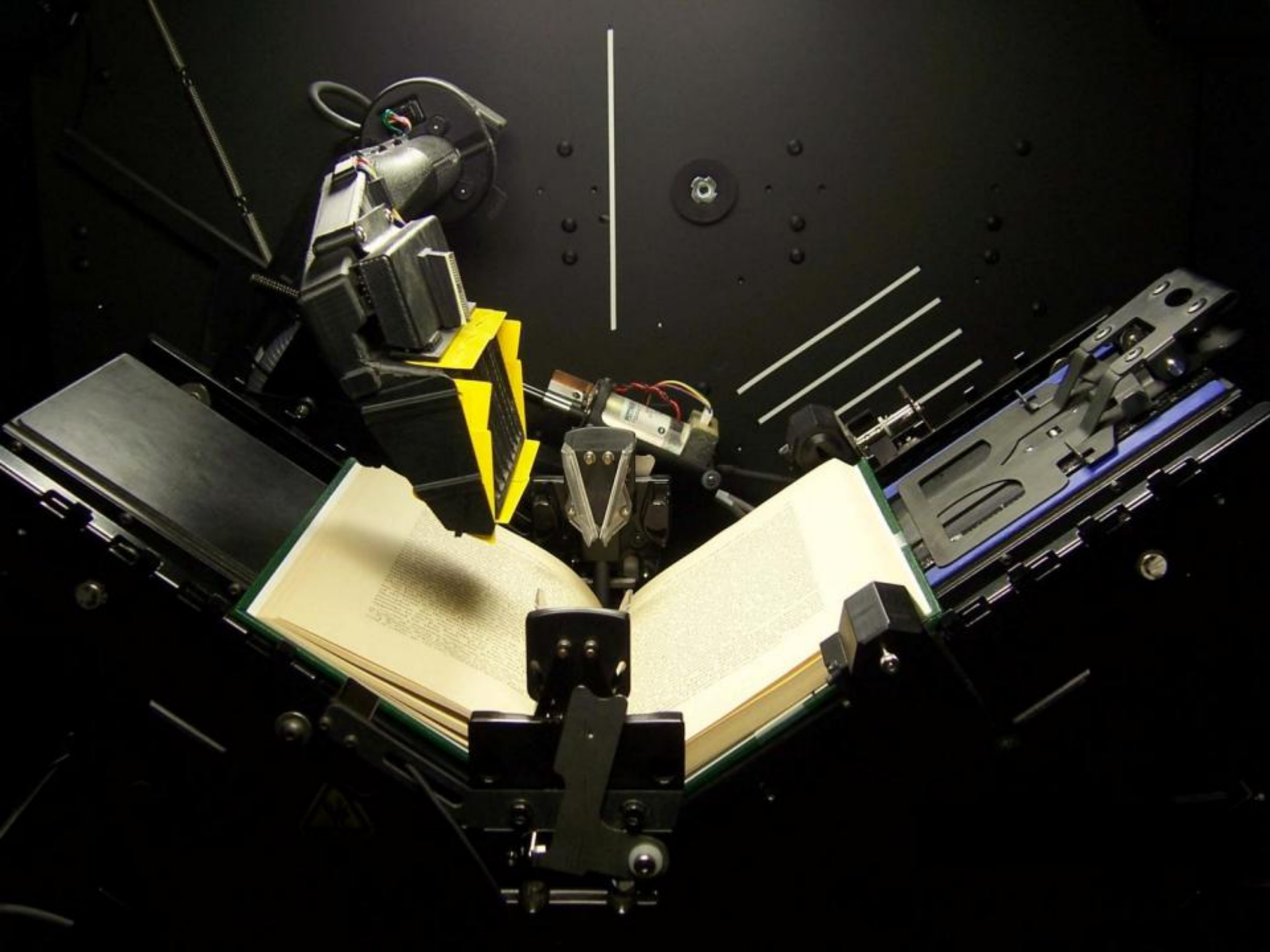
7620 Omnitech Place, Victor New York 14564
email: info@kirtas.com
phone (585) 524-2420 toll-free (800) 340-4365
www.kirtas.com
www.kirtaseurope.com www.kirtasmagreb.com

“HKUL needed an efficient, cost-effective, gentle, high quality digitizing solution. Together with their partner iGroup, Kirtas Technologies was able to provide it.”

http://www.kirtas.com/index.php?option=com_content&view=category&layout=blog&id=16&Itemid=80

The Kirtas APT 2400

- 2400 images per hour
- Two 16.6 megapixel cameras – simultaneous L/R capture
- Auto adjusting cradle (as pages decrease/increase)
- Adjustable, robotic vacuum arm changes pages
- “Page fluffers”



The Kirtas 2400 in action

Regional Workflow

Last updated: 24 Jan 97



The boundaries and names shown on this map do not imply official endorsement or acceptance by the United Nations or ReliefWeb. These maps may be freely distributed. If more current information is available, please update the maps and return them to ReliefWeb for posting.

Regional Workflow

HKU (Hong Kong)



1. Inspect and select books (HKU)
2. Scanning at HKU Main Library (iGroup)

iGroup (Thailand)



3. Editing and cleaning
 - Quality control of every image
4. OCR for text and metadata

Regional Workflow

iGroup (Singapore)



- Publishing as an ebook on iGroup platform
- E-distribution, or,

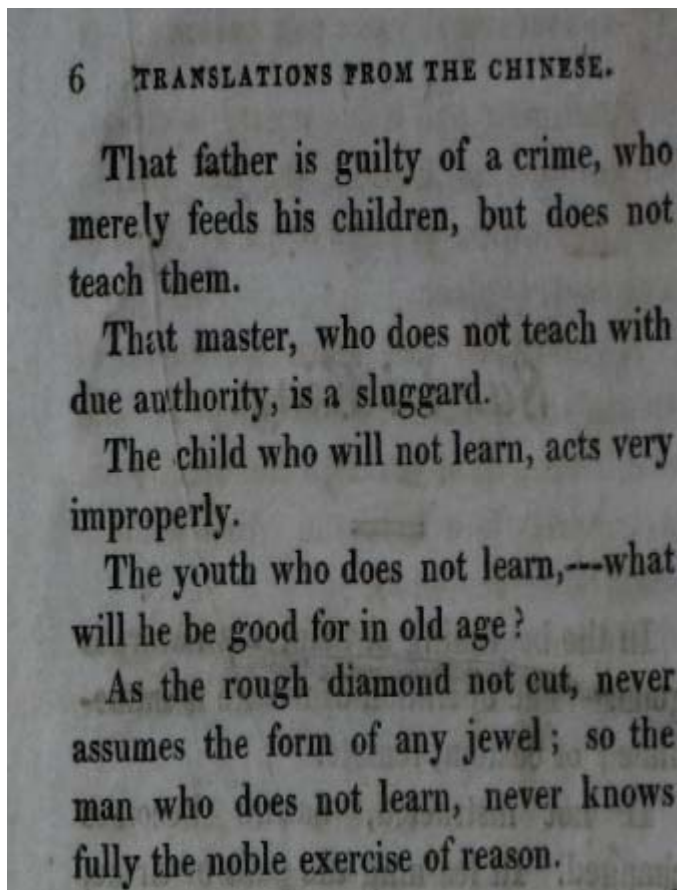
iGroup (Taiwan)



- Print on demand

Some examples

Raw image from camera



Cleaned image

6 TRANSLATIONS FROM THE CHINESE.

That father is guilty of a crime, who merely feeds his children, but does not teach them.

That master, who does not teach with due authority, is a sluggard.

The child who will not learn, acts very improperly.

The youth who does not learn,---what will he be good for in old age?

As the rough diamond not cut, never assumes the form of any jewel; so the man who does not learn, never knows fully the noble exercise of reason.

Some examples

Raw image from camera



Cleaned image





Challenges

- Lighting and setup/layout of book
- Removing book stains and OCR accuracy
- Tightly bound books/thick books
- Uneven surfaces from humidity etc
- Aligning pages and opposite pages
- Odd sized books
- Folded maps & plans
- Old fonts difficult to OCR
- Human intervention required most of the time.

Output: Phase 1

- A Database of e-books of Western language material, many humanities based, many rare, many about China and South East Asia
- A Print on Demand (PoD) service to print a copy of any of the books and have it delivered.



📖 Browse Catalogue

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) | [Others](#) **ALL**

Total **108** books for this collection.



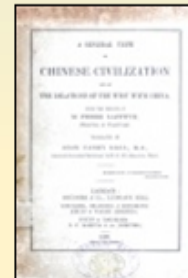
[A Brief History of Early Chinese Philosophy, Second Edition](#)
by *Daisetz Teitaro Suzuki*
Probsthain & Co., 1913



[A Chinese Wokder Book](#)
by *Norman Hinsdale Pitman*
E. P. Dutton & Company, 1919



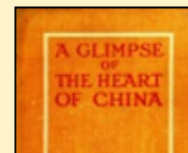
[A Cruis in Chinese Waters](#)
by



[A General View of Chinese Civilization and of the Relations of the West With China](#)
by *Pierre Laffitte*
Kelly & Walsh(Limited), 1887



[A German Scholar in the East](#)
by *H. Hackmann*
Kegan Paul, Trench, Trubner & Co., Ltd., 1914



[A Glimpse of the Heart of China](#)
by *Edward C. Perkins, M.D.*
Fleming H. Revell Company, 1911



Picturesque Hong Kong: A Handbook for Travellers

1911

Page No.

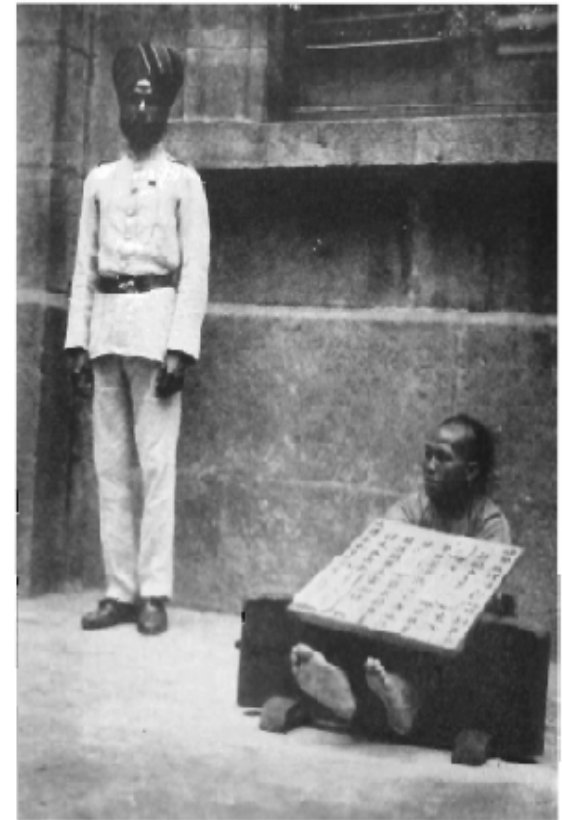
Picturesque Hong Kong: A Handbook for Travellers	1
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Beggars



The Stocks

Project Scope: Phase 2

- Digitising over 800,000 pages of:
 - Chinese rare books and journals
 - Western rare books and journals
 - HKU local publications from its Medical and Law Associations
- 2,913 bound volumes and 2,300 loose issues

Phase 2 Highlight

- *The North China Herald and Supreme Court & consular gazette* (1870-1941, complete, English language).

The North China Herald...

- “the eyes, ears and voice of the foreign community ... loaded with fascinating details of drunken conduct, assaults, thefts &c ... intelligence on cities: England, San Francisco, Hong Kong, Tientsin, Hankow, Yokohama, Nagasaki, Foochow ...”

http://www.rareorientalbooks.com/html/author/NORTH-CHINA_HERALD_.html



The North China Herald...

- “an important vehicle for the foreign community as it bound them together with the news and economics of the day. Loaded with very fascinating articles and updates on the trouble in China, attacks on foreigners ... The backbone of news for foreign residents, merchant, diplomats, missionary and staff working in China ...”

http://www.rareorientalbooks.com/html/author/NORTH-CHINA_HERALD_.html



<http://www.nla.gov.au/apps/cdview?pi=nla.gen-vn3796080-s3-v>

Challenges for The North China Herald...

- Fragility/brittleness
- Rarity
- Security
- Size variations
 - 17.5 cm x 28 cm
 - 21 cm x 32 cm
 - 21.5 cm x 33 cm
 - 21.5 cm x 33 cm
 - 32 cm x 46 cm

Our commitment

- Reaching out to the community, local, regional and global
- Making HKU scholarly output accessible and discoverable through open access
- Making our collections accessible and discoverable through mass digitisation projects.

Thank you!



The University of Hong Kong
Libraries

Caring Collaborative Creative
Your partner in intellectual excellence