Digital scholarship research and the Library: the impact of new technologies

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QS Rankings
8th in ASIA
46th in the WORLD

Financial Times MBA Rankings
1st in ASIA in career progress
1st in East ASIA in salary percentage increase

20,100+ Students enrolled
186,400+ Alumni

Reuters ASIA’s Most Innovative Universities
1st HONG KONG

Q5 Rankings
20th in Communication & Media Studies
23rd in Accounting & Finance

THE Rankings
20th in Education
27th in Law

70+ Undergraduate programmes offered
7,720+ Scholarships
Total amount: HK$150m+

4,700+ International students from 50 locations
600+ Worldwide Internships every year

340 Exchange partners in 37 countries and regions
No. of outgoing exchange students 2015-16
7,100+
No. of incoming exchange students 2015-2016
3,000

80 Research institutes & joint research units
CUHK Library

Upper campus:
New Asia College Library,
United College Library

Central campus:
University Library,
Law Library

Lower campus:
Chung Chi College Library,
Architecture Library

Medical Library at Prince of Wales Hospital
Library Resources

- 2,695,110 Holdings (volumes)
- 6,130 Periodicals (titles)
- 61,546 Registered Library Users
- 142,311 Electronic Journals
- 4,231 Seats
- 4,048,359 Electronic Books
- 843 Electronic Databases
- 607 Public Computers
Transforming our research support
Library strategy 2017-2020

Through our research services and collections we will support the University’s research and emerging interdisciplinary strengths throughout the research lifecycle. We will champion new forms of scholarship and the practice of open scholarly communication.

• Strengthen our services and collections for emerging areas of research at CUHK, including digital humanities and digital scholarship.
• Advance open scholarship.
• Support the dissemination of CUHK research outputs to the world.
• Foster discussions on research data services.
• Collaborate with CUHK researchers to build and curate unique collections that serve their research interests.
• Sustain our innovative offering to an increased research postgraduate population.
Research Support and Digital Initiatives

- Research Services
- Scholarly Communications
- Digital Scholarship
- Digital Services
- Digital Technologies
Why digital scholarship?
“Stop asking if the library has a role, or what it is, and start getting involved in digital projects that are already happening. Advocate for new expanded roles and responsibilities to be able to do this. Become producers / creators in collaboration with scholars rather than servants to them.”

(M. Vandegrift, 2012)
**Mission**
- Promote and support digital scholarship research through its entire research life-cycle

**Strategy**
- Foster collaborative partnership with Faculty and researchers

**Action Plan**
- Build a Digital Scholarship lab with a package of services, collaborative space, tools, and projects

**Approach**
- The Lab – Flexible, Easy to use, Sustainable
- Staffing – start from small
- Services – innovative, bold to experiment, quick response
Digital Scholarship Service

- Support for Digital Scholarship projects
  - Sourcing of research data and information
  - Consultation
  - Project Planning and Management
  - Technology Support
- Training Workshops & Seminars
- Consultation on Digital Scholarship research
- Data services
- Promotion Events
- Provide learning resources
Digital Scholarship Lab
Engagement

- Initial consultation group of Faculty to design the service and Lab
- Attend Faculty internal meetings
- Tailor-made presentations and briefings on specific services
- Proactively liaise with research seminar and conference organisers, offering them the Lab as a venue
- Meet with individual faculty
- Social media (Blog, Facebook, Twitter) and print promotional materials
- Use links with research postgraduate network and student association
Engaging with Research Postgraduates
Workshops

Digital Scholarship & Research Data Workshops (Sep - Nov 2017)

Using Facilities in Digital Scholarship Lab
12 Sep (Tue)  2:30 – 3:00 p.m.
14 Sep (Thu)  11:30 a.m. – 12:00 noon

Digital Humanities: Introduction to Tools and Methodology
6 Oct (Fri)    10:30 a.m. – 12:00 noon
23 Oct (Mon)  2:30 – 4:00 p.m.

Introduction to GIS & ArcGIS
16 Oct (Mon)  3:00 – 4:00 p.m.

ArcGIS Basics for Digital Scholarship Projects (Hands-on)
19 Oct (Thu)   2:30 – 4:30 p.m.
31 Oct (Tue)   10:30 a.m. – 12:30 p.m.

Data Visualization in Action - R
12 Oct (Thu)   11:00 a.m. – 12:30 p.m.
17 Oct (Tue)   3:00 – 4:30 p.m.

Data Visualization in Action - Gephi (Hands-on)
3 Nov (Fri)    10:30 a.m. – 12:00 noon
9 Nov (Thu)    2:30 – 4:00 p.m.

Analyzing Texts Using Voyant Tools (Hands-on)
18 Oct (Wed)   11:00 a.m. – 12:00 noon
25 Oct (Wed)   3:00 – 4:00 p.m.
Academics from CUHK and other institutions presented their digital scholarship research and explore the roles of the Library.
Some success in the past 18 months

• A total of 62 events and activities were held with 1,700 participants at the lab: research seminars, conferences, classes, tutorials, and other research-related activities

• A total of 300 visitors including Faculty

• Growing no. of users attend library workshops:
  – 2016 Mar – June: 7 workshops, 43 participants
  – 2016 – 2017: 24 workshops, 142 participants
  – 2017 Sep to Oct – 7 workshops, 212 participants
Digital Scholarship Consultation Hours
Data, Tools and Beyond

The Digital Scholarship team offers help to your digital scholarship research projects and ideas!

- Digital Scholarship Lab facilities
- Identify sources of research data and materials
- Research software and other tools, e.g. Gephi, esri, r
- Data visualisation
- Copyright advice on the use of research data and materials

Date, Times and Location:

Hours: Every alternate Tuesday, 3:00 – 5:00 p.m. during term time starting from 10 October, 2017

Dates:
- October: 10, 24
- November: 7, 21
- December: 5, 19

Venue: Digital Scholarship Lab, G/F, University Library

Contact: dslab@lib.cuhk.edu.hk
First collaborative research project

GIS Mapping and Archaeology of Early China - Phase I: Shang Archaeology

This project is a collaboration between the Digital Scholarship Lab and archaeologists. Humanities have become aware of the advantages in employing digital technology in 2015 and the present, the officers of the Lab have been working with Professor to document her research data collected between 2005 and the present, regarding the River valley during the first millennium.

Map of Archaeological Sites

The archaeological sites studied in this project are displayed in this map. Please click on the markers and read the information of the sites and bronze age found.
If we build it, will they come?

Thank you

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