

Building the Infrastructure and Capacity in Support of Creating Digital Scholarship

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Changing Roles of Libraries

- Big data era
- Digital scholarship creation/management
- Digital humanities movement
- Open access
- Scholarly communication
- Liaison repositioning

Emerging Library Models

- Various models
 - Duke University Libraries
 - Tri-colleges Partnership
 - Others

Duke Model

Digital Humanities at Duke University Libraries

- A digital humanities center is an entity where **new media** and **technologies** are used for humanities-based research, teaching, and intellectual engagement and experimentation.
- The goals of the center are to further humanities scholarship, create **new forms of knowledge**, and explore technology's impact on humanities based disciplines
- **Partnership:** Scholar, Librarian, and IT Expert
- **DC3:** Duke Collaboratory for Classics Computing

DUKE UNIVERSITY
LIBRARIES

DC3



Tri-college Model

Tri-College Partnership Digital Humanities



- Tri Colleges:
 - Haverford
 - Swarthmore
 - Bryn Mawr
- Quakers & Slavery
 - IMLS support in 2009
 - Triptych, the virtual home of the Quakers and Slavery collection
 - Sharing of technical structure and support
 - Sustainability

Strategic Planning @ HKBU

- HKBU Vision 2020
 - Learning, teaching, research, service
- HKBU Library Strategic Plan
 - Faculty focus groups
 - Student focus groups
 - Staff meetings/involvement
 - Outside consultants

HKBU Library Strategic Directions



DIRECTIONS

- ↑ Provide access to high quality collections that are closely aligned to teaching and research at HKBU, with an increasing emphasis on electronic resources
- ↑ Revitalize our services to support seamless access to information and high levels of information literacy among our users
- ↑ Lead the HKBU community in understanding and proactively adopting new models of scholarly communication and output
- ↑ Become the hub of intellectual and communal activity at HKBU by creating and developing a multipurpose physical environment
- ↑ Engage with stakeholders to promote awareness of the Library's collections and services
- ↑ Build an organizational culture based on open communication and strong teamwork



Library Actions



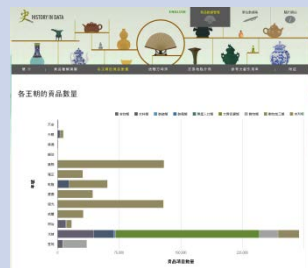
- HKBU Library Strategic Plan 2013-2020
- E-preferred acquisitions policy
- Open access for thesis & dissertations
- New model of providing services
- Creating new digital scholarship
- Research Visibility Project


Scholarship Creation & Data Management

- Chinese Medicine Digital Project
 - Partnership between School of Chinese Medicine & the Library (CML & SYS)
- Digital humanities initiatives
 - Digital & Multimedia Services (DMS)
 - Special Collection and Archives (SCA)
 - Projects & Initiatives:
 - History in Data
 - Yale-HKBU Collaboration on Christianity in China
 - HKBU Heritage
 - Early Chinese Film project
 - Corpus analysis via political speeches of Hong Kong, China, and Taiwan
 - More are coming.....

Digital Scholarship Creation and Management@HKBU

Project Title	Description	Partners	Status
Chinese Medicine Digital Project	Four databases completed: Medicinal Plant Image Database Chinese Medicinal Material Image Database Chinese Medicinal Specimen Database Phytochemical Image Database (PID)	School of Chinese Medicine	Supported by TDGs; On-going
Yale-HKBU Library Digitization/ Preservation Project	Long term Agreement on digitization and preservation on materials related to Christianity in China	Yale University, HKBU Library and Religion Dept.	Supported by grant from Yale; On-going

Project Title	Description	Partners	Status
<p data-bbox="19 92 222 135">HKBUtube</p> 	<ol style="list-style-type: none"> 1. 11,300+ local TV documentaries 2. 600+ scholarly talks held by HKBU depts 3. 84 teaching videos created by HKBU faculty 4. Patent videos created by faculty <i>[planning]</i> 	<ul style="list-style-type: none"> • ATV, RTHK, TVB • KTO • Over 41 academic, research, and administrative units at HKBU 	<p>On-going</p>
<p data-bbox="19 564 309 606">HKBU Heritage</p> 	<p>870+ creative outputs produced by faculty & students</p> <ol style="list-style-type: none"> 1. Artworks – interactive 3D images 2. Animation & dramatic movies 3. Documentaries & music performance 4. Creative writings <i>[upcoming]</i> <p><i>Supported by 2 rounds of TDG</i></p>	<ul style="list-style-type: none"> • AF • AVA • COMS • JOUR • MUS • HMW 	<p>On-going (also with mobile version)</p>
<p data-bbox="19 956 425 1049">History in Data : Tribute Data Curation</p> 	<p>A data curation platform containing 567 sets of original research data about tribute presented to the Qing government from Heilongjiang</p> <p>The DMSS librarian also involved in curriculum planning and teaching of HIST 1405 to embed data management into the course</p> <p><i>Supported by TDG</i></p>	<p>Department of History</p>	<p>Launched Sep 2014</p>

Project Title	Description	Partners	Status
<p data-bbox="23 97 463 199">早期華文報紙電影史料庫</p> 	<p data-bbox="523 97 1259 342">A platform to showcase 22,000+ sets of original data about early Chinese movies and movie industries, taken from newspapers and magazines published in Hong Kong, Guangzhou, Hangzhou, and Tianjin</p>	<p data-bbox="1298 97 1580 139">Academy of Film</p>	<p data-bbox="1638 97 1877 239">In process (Expected Dec 2014)</p>
<p data-bbox="23 439 483 654">Enhancing Citizenship via GCVM Category under General Education Programs: A Pilot through GCVM 1035</p>	<p data-bbox="523 439 1240 631">A website that covers educational and self-study materials of the course, and thousands of photographs about HK's ecology, partnering with an outside entity</p> <p data-bbox="523 688 1259 879">The DMSS librarian also involved in curriculum planning to ensure the course and the website are fully integrated with each other</p>	<p data-bbox="1298 439 1545 531">Department of Religion</p>	<p data-bbox="1638 439 1877 582">TDG proposal co-submitted in Aug</p>
<p data-bbox="23 939 459 1088">An archival research on government documents of several countries</p>	<p data-bbox="523 939 1259 1125">Converting thousands of photographed pages of primary documents into editable texts, developing a website to display the converted content, and more</p> <p data-bbox="523 1188 1259 1330">The DMSS librarian will also involve in the research, assisting the research process via the provision of IT inputs and trainings</p>	<p data-bbox="1298 939 1580 982">Academy of Film</p>	<p data-bbox="1638 939 1870 1125">FRG proposal to be co-submitted in Nov</p>

Project Title	Description	Partners	Status
A corpus database of political speeches	A platform to do (basic) corpus analysis via political speeches of Hong Kong, China, and Taiwan	Language Center	FRG proposal to be submitted in Jan 2015
An Uighur movies project		Department of Translation	Under discussion
A Shakespeare project		Department of English	Under discussion

Repositioning the Library

- Training & Capacity Building
 - Organizational restructuring
 - Information Services Section
 - Digital & Multimedia Services Section
 - Chinese Medicine Library
 - Staff development – more support
 - Attending conferences
 - Speaking/presenting
 - Training opportunities:
 - City University of Hong Kong: Big Data conference-Sept. 2014
 - HKLA: Big Data? Is there a role for the LIS profession?-Oct. 2014
 - JULAC-UIUC Data Curation Program – Feb. 2015
 - ...

Repositioning the HKBU Library to Support Digital Direction

- Refocusing priorities
 - Chinese Medicine Library & Systems Section
 - Digital & Multimedia Services Section (DMS)
 - Staff repurposing
 - Data curation/management
 - Maximize the expertise & skills
 - Explore new technologies and tools
 - Specific tasks...

Repositioning the Library

- Specific tasks ...
 - Management & promotion
 - Consultation & training
 - Content support & digitization
 - Metadata creation and management
 - IT Support – server, interface, design, etc.
 - Grant collaboration & support
 - Other: copyright, assessment, open access

Successes

- Deep level engagement with faculty
- Library re-becoming center of institution
- Closely aligned to support of teaching & research
- More visibility for Library & University

Challenges

- Collaboration
 - Faculty buy-in & promotion
- Metadata standards
- Staff expertise
 - Repurposing
 - Resource allocation
- Technical support
 - Human resources
 - Server, interface design...



Thank You

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