

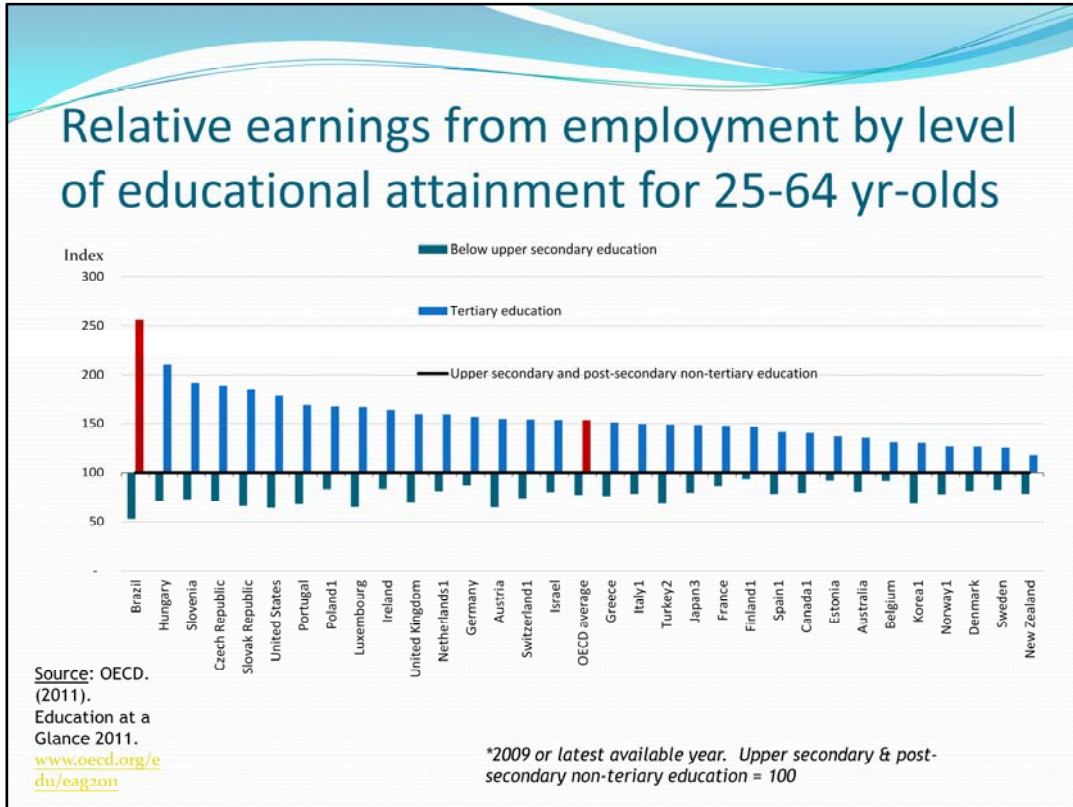
Good Afternoon. I want to look at current trends in libraries, how technology is changing what we do, and then discuss where it might lead.

# First, The Big Picture

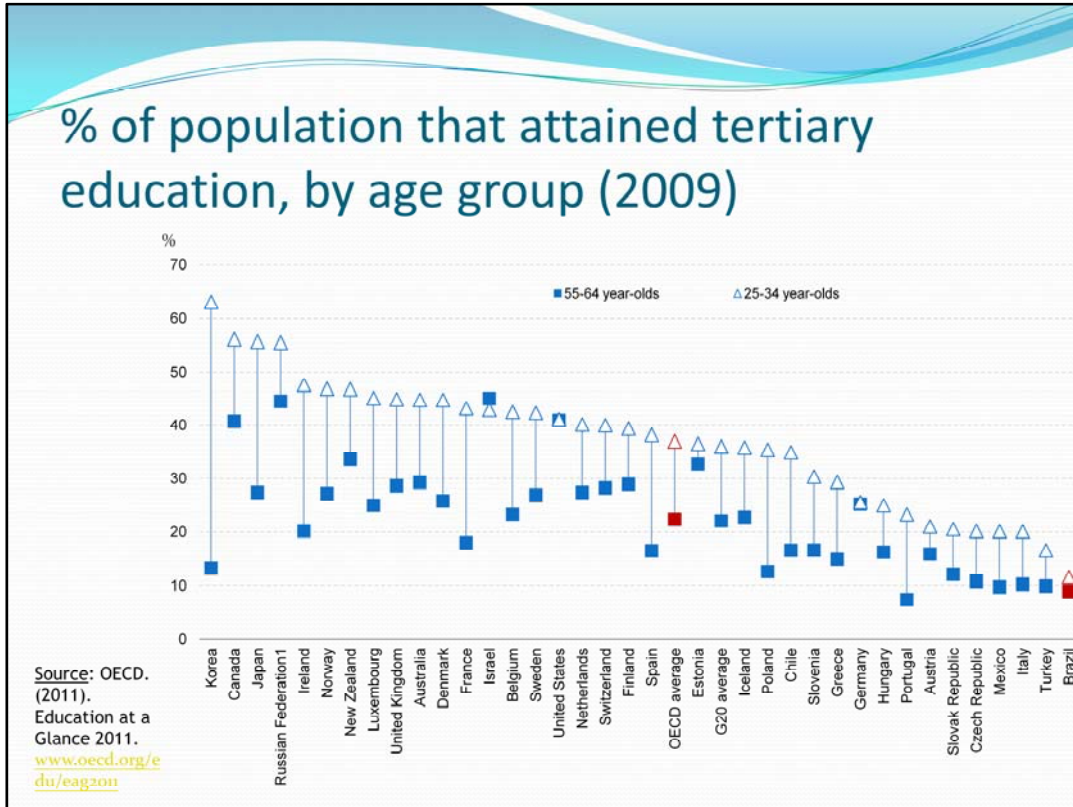
From a distance..,



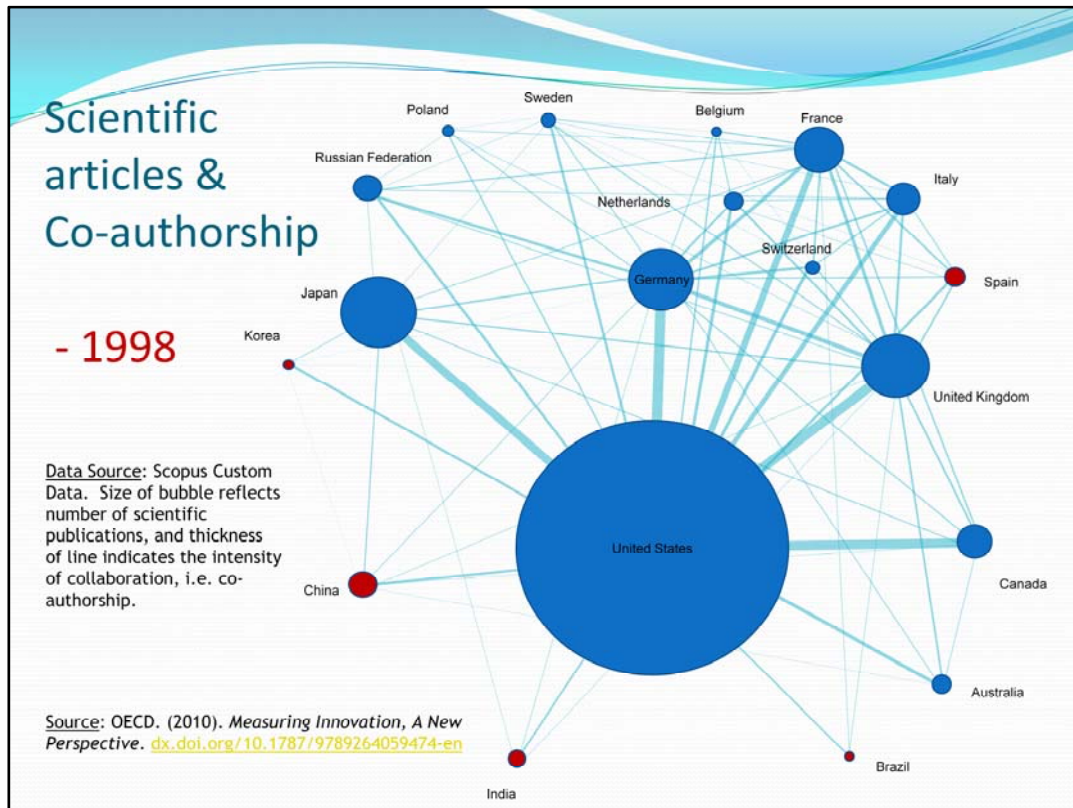
But before we look at libraries, let's step back and look at the bigger picture.



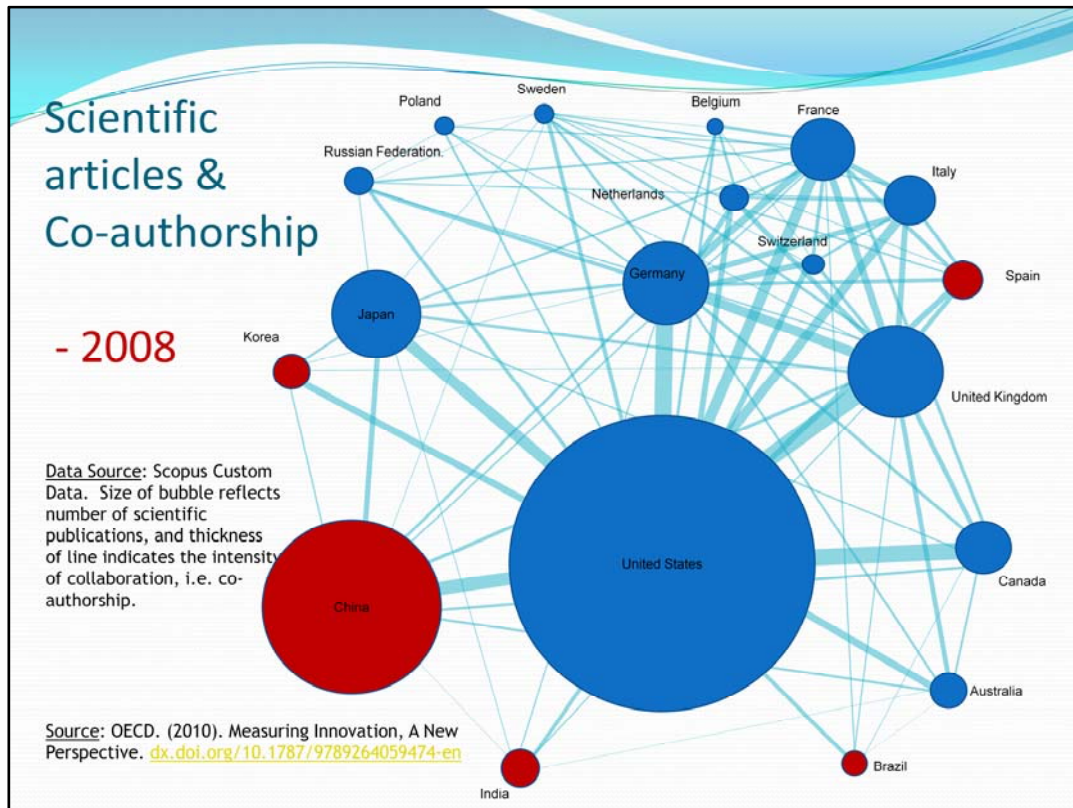
This chart is from a new report from the OECD. It shows the salaries of those with a university education, compared to those without. In all countries university graduates earn much more than those without. In Brazil, it is 2 and ½ times more. Clearly there is much incentive to get a university education.



From the same report, this chart shows that there are many more students at university than there was in their parent’s generation. Squares show the oldies, and triangles the youngsters. Korea is the highest with over 60% of young people attending university. Brazil is on the same trajectory, which means that there will be many more students entering university in Brazil in the coming years.



Another OECD report, “Measuring Innovation. There are 2 charts showing 1998, and 2008. The size of bubble shows number of publications, and the thickness of the lines show intensity of collaboration. I have marked some circles in red, so that you can follow them. Brazil is here on the bottom right. Now watch the change to 2008.



Here is 2008. The big success is China. But Brazil also nearly doubled its research. I will go back again, so you can see the change.



## Divinations - 5 ¢ each!

- In 30 yrs time, universities will be more popular than ever
- They will still need information, and those that purchase & mediate it.
- Machine translations will become much more important, as the majority of published research moves away from English



Baixar o santo...

So, from these few and quick charts, I can give these divinations:

- In 30 yrs time, universities will be more popular than ever
- They will still need information, and those that purchase and mediate it
- Machine translation will become much more important, as the majority of published material moves away from English.



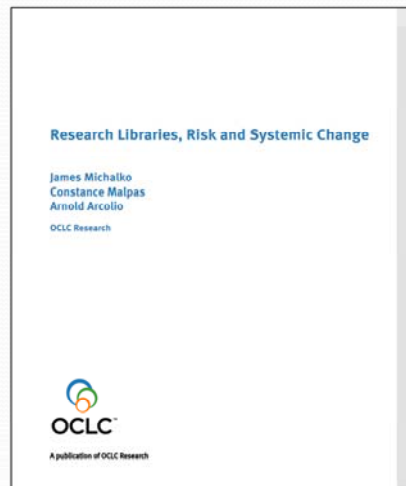
There are those that say that libraries are in decline. I rather think that we are in a period of great change; with new growth replacing the old.



## Research Libraries, Risk and Systemic Change (2010)

“Library cannot adjust fast enough to keep up with rapidly changing technology and user needs (Risk 19)”.

<http://www.oclc.org/research/news/2010-03-25.htm>



But there is no denying that we are rapidly receiving new technology, and that this technology is massively disruptive.

# Journalism

- “The demise of Journalism...”
- “The Era of Newspaper bankruptcies”
- “Closures Plague Newspaper Industry”
  
- Rise of social media
  - Ex., Huffington Post

I think it is instructive to look at sister professions.

Journalism also is also changing rapidly due to disruptive technology.

Here are some newspaper headlines:

No one knows what will be the end result. Will we all become journalists through social media?

## University Press

- Closed, Rice University
- Closed, Southern Methodist U
- Closed, University of Scranton
  
- U of Michigan, Utah State University
  - Press merges with Library
  - “... not an uncommon scenario...”
  - No print, but digital monographs

Similar to newspapers, University Presses are closing.  
Interestingly, some are not closing but merging with libraries.

In the case of Utah State University, the Press will now aim at more digital and open access publications.

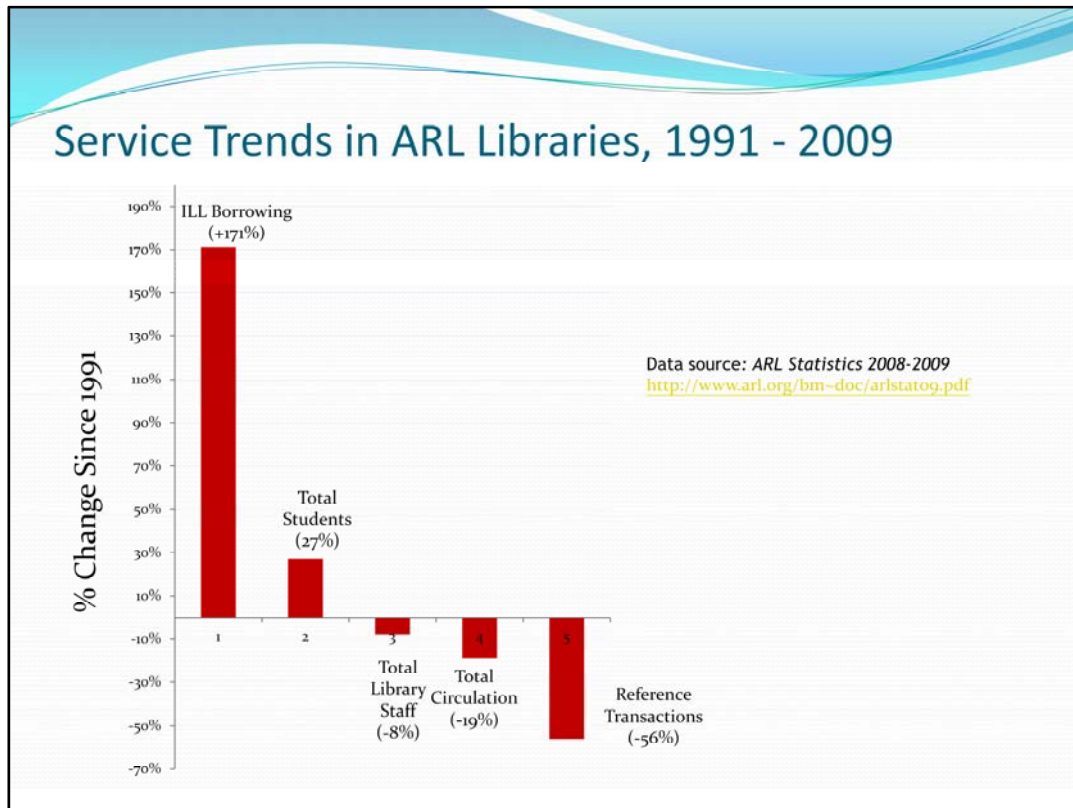
# Library Collections

**Work Smarter  
Do More with Less**

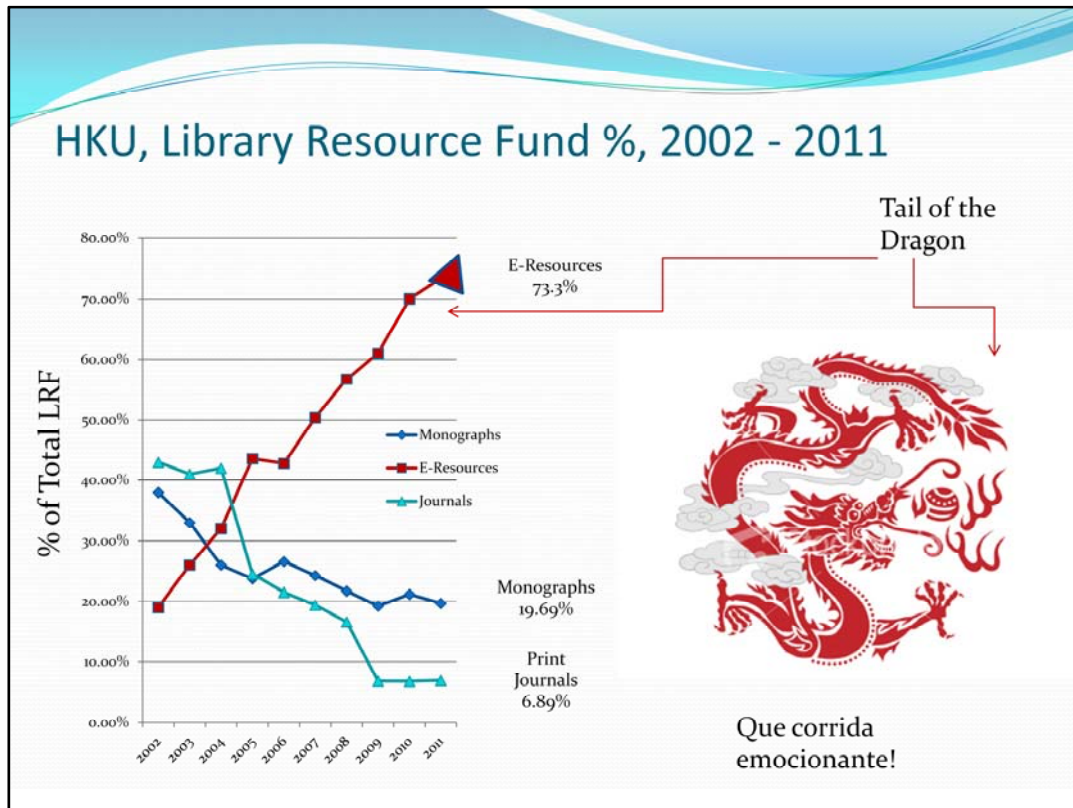


Rose anima a galera!

Let's look at libraries now. Year by year, it is more and more a case, of "do more with less."



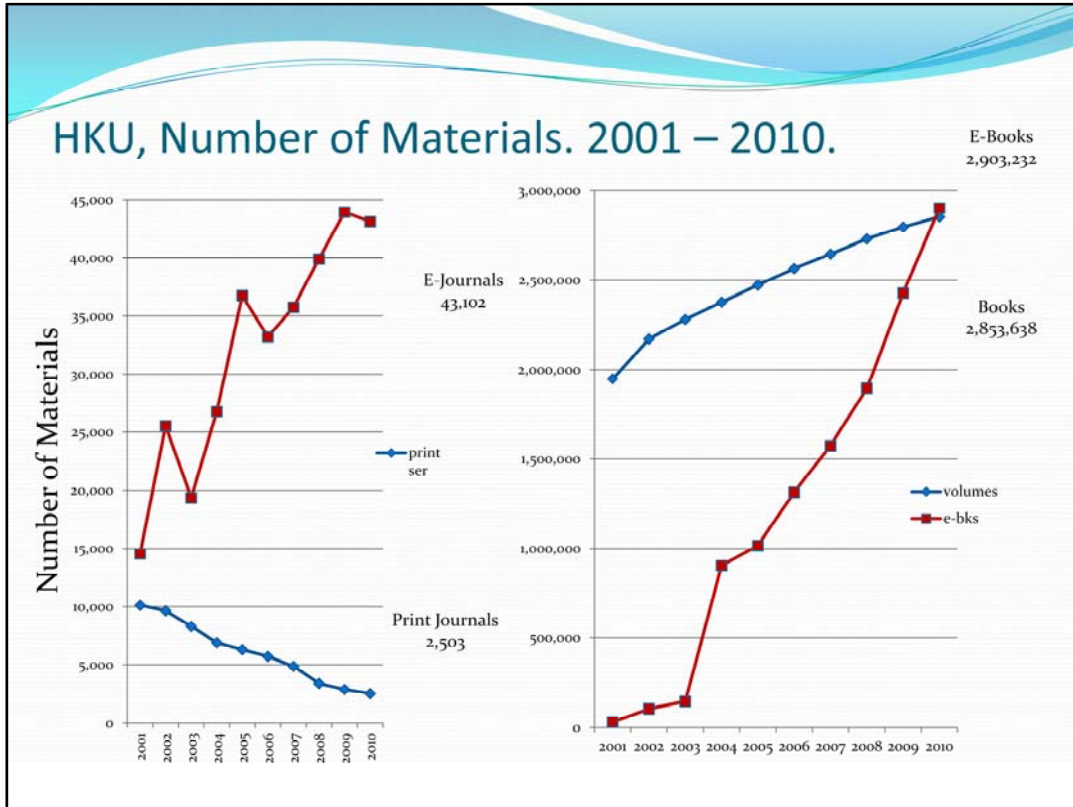
This is a chart from the Association of Research Libraries annual statistics. It shows that in this time period, ILL borrowing and number of students is up. But that the number of library staff, book circulation, and reference enquires have all gone down, and continue to go down. This is similar in most academic libraries, and also in my own, The University of Hong Kong.



At The University of Hong Kong, or HKU, the percentage of library budget spent on print materials go down every year, and the percentage on electronic materials goes up. This year it is 73.3%.

Because we are in China, we call this the tail of the dragon; meaning that when you hold onto the tail of the dragon, you will have a wild ride, and not know where it will end.





E-journals have largely supplanted print one.  
 The number of e-books is now at 2.9M. We now have more e-books than print ones.



More and more things are moving to the cloud. Not just content, but also services.

# Ithaka Faculty Survey Findings, 2009



Faculty Survey 2009:  
Key Strategic Insights for  
Libraries, Publishers, and Societies  
April 7, 2010

Authors:  
*Roger C. Schonfeld (Manager of Research) & Ross Houswright (Analyst)*

- Faculty perceive that the Library has an important function as a buyer of electronic resources.
- Increasing library disintermediation

<http://www.ithaka.org/ithaka-s-r/research/faculty-surveys-2000-2009/faculty-survey-2009>

This survey done at Cornell University. The good news: Cornell faculty understand the important role librarians have in purchasing electronic materials. The not so good news: they also saw that there was increasing disintermediation of librarians in the information discovery process.

## Other Trends

- E-books following E-journals: subscription model, not held locally.
  - EJ:
    - The Big Deal for EJs.
  - E-BKs:
    - PDA – Patron Driven Acquisitions (PDA)
  - Approval plans
  - Open Access materials
- 
- Faculty librarians are no longer selecting.
  - Funding and usage have shifted/are shifting to e-materials, but staffing, building, and policies are still on traditional analogue materials

And, we have all seen these trends.


## Library Space

- Too little available
- Too valuable for shelving
- “Imperative to redevelop the library as the primary learning space on campus.” – David W. Lewis, Purdue University.











On top of all this, come new demands on our buildings. Library space is simply too valuable for shelving holding stacks of wood pulp. As David Lewis at Purdue says, we must redevelop the library as the primary learning space on campus.

We at HKU, are also building an information commons. To do this we had to move 26% of our collection, or 760,000 books, to a warehouse 3 miles away. Users can request, and get these the next day.


Hong Kong Academic Library Link  
香港高校圖書聯網

Search the Catalogue

Member Libraries

-  **The Chinese University of Hong Kong**  
[map](#)
-  **City University of Hong Kong**  
[map](#)
-  **Hong Kong Baptist University**  
[map](#)
-  **The Hong Kong Institute of Education**  
[map](#)
-  **The Hong Kong Polytechnic University**  
[map](#)
-  **The Hong Kong University of Science and Technology**  
[map1](#) [map2](#)
-  **Lingnan University**  
[map](#)
-  **The University of Hong Kong**  
[map1](#) [map2](#)

**HKALL(港書網), Hong Kong Academic Library Link(香港高校圖書聯網)**, is a project in accelerated resource sharing jointly undertaken by the academic libraries of eight local tertiary institutions, listed in the left sidebar.

Implemented in [INN-Reach](#) software from Innovative Interfaces and running on a Sun server housed at the University of Hong Kong Libraries, HKALL is a union catalogue allowing the students and staff of the eight partner institutions to search a mega collection of over 6 million titles of monographs (11M+ volumes) held in the eight participating libraries. They can make direct requests on these materials, and have the materials delivered to the libraries of their respective institutions for further checkout. In cases where printed materials cannot be sent via HKALL, current students and staff may be able to go to that library personally to use the item in question. Please enquire at your library's circulation desk for further details. The map links on the left hand side of this page are provided to help you get to these libraries. HKALL is unique with its large number of Chinese items, and its high number of transactions; in 2010 it had the highest circulation rate of any INN-Reach system in the world.

[Find out more](#) about HKALL

Each of the eight libraries has specific rules and procedures for HKALL. Please refer to the following web pages for further details.

- [HKALL at The Chinese University of Hong Kong](#)
- [HKALL at City University](#)
- [HKALL at Hong Kong Baptist University](#)
- [HKALL at The Hong Kong Institute of Education](#)
- [HKALL at The Hong Kong Polytechnic University](#)
- [HKALL at The Hong Kong University of Science and Technology](#)
- [HKALL at Lingnan University](#)
- [HKALL at The University of Hong Kong](#)

WebFAC PRO © Innovative Interfaces, Inc.



# Joint University Research Archive

- JURA
  - 8 universities in HK
  - From 2013 ~
  - 7.9M, non-duplicate items
  - Robotic retrieval

Present duplication of 8 members:  
30 - 40% held by 2 or more libraries



There are 8 university libraries in Hong Kong cooperating to build a central store, called JURA.

## Linked Repositories

- Portico, LOCKSS, CLOCKSS
- How many repositories are needed in the world?
- Sell duplicates to China?
- E-Bay?



Svalbard Global Seed Bank, Arctic Circle

There are now linked repositories for ejournal content, and seeds

Many are now building similar stores, or repositories for print materials. We need to plan now, How many repositories are needed in the world? How many duplicate print copies are enough?

What to do with the duplicates?

Cornell University Libraries sold duplicates to Tsinghua University in China for US\$895,000.

# October 2010

Taking Our Pulse:  
The OCLC Research Survey  
of Special Collections and Archives

Jackie M. Dooley  
Program Officer

Katherine Luce  
Research Intern  
OCLC Research

<http://www.oclc.org/research/publications/library/2010/2010-11.pdf>

“Special collections and archives are increasingly seen as elements of distinction that serve to differentiate an academic or research library from its peers.”

—Executive summary

The last trend I want to observe is that of Special Collections. This OCLC report spells out the importance of Special Collections. When all libraries are purchasing the same materials, and have access to the same materials in the cloud, what is it that makes one library unique?

## Where do people go on bnf.fr and loc.gov?



**LC:**  
American Memory: 41%  
Catalog: 17%  
Legislative information  
(THOMAS): 6%



**BnF:**  
Expositions: 30%  
Catalogue: 26%  
Gallica: 26%

Slide: Making Change, Revitalizing the Library... Karen Calhoun, 2011.  
<http://www.slideshare.net/amarintha/pitt-in-service-day-making-change-calhoun>

Here are some other indications that digital library special collections are attracting more attention than expected.

In the case of those who visit bnf.fr, 30% visit the expositions pages—a virtual gallery of curated exhibits around the collections. More than 50% of the traffic is split between the Bibliothèque nationale de France (BnF) library catalog and Gallica—the digital library of France.

Over 40% of the visitors to the Library of Congress web site go to American Memory, which LC describes it as a digital record of American history and creativity. Contrast this with the other two most popular destinations for loc.gov visitors—the catalog, at 17%, and federal legislative information at 6%.

## The Future ?

“The university library of the future will be sparsely staffed, highly decentralized, and have a physical plant consisting of little more than special collections and study areas”

Daniel Greenstein,  
Vice Provost for Academic Planning & Programs  
University of California  
Libraries of the Future, Sep 24, 2009

After viewing all of these trends, it is not actually hard to make a prediction of the future. Dan Greenstein at the University of California gave this one 2 years ago. It was provocative then, but now more and more, librarians are embracing this future.

## The Future Library ?

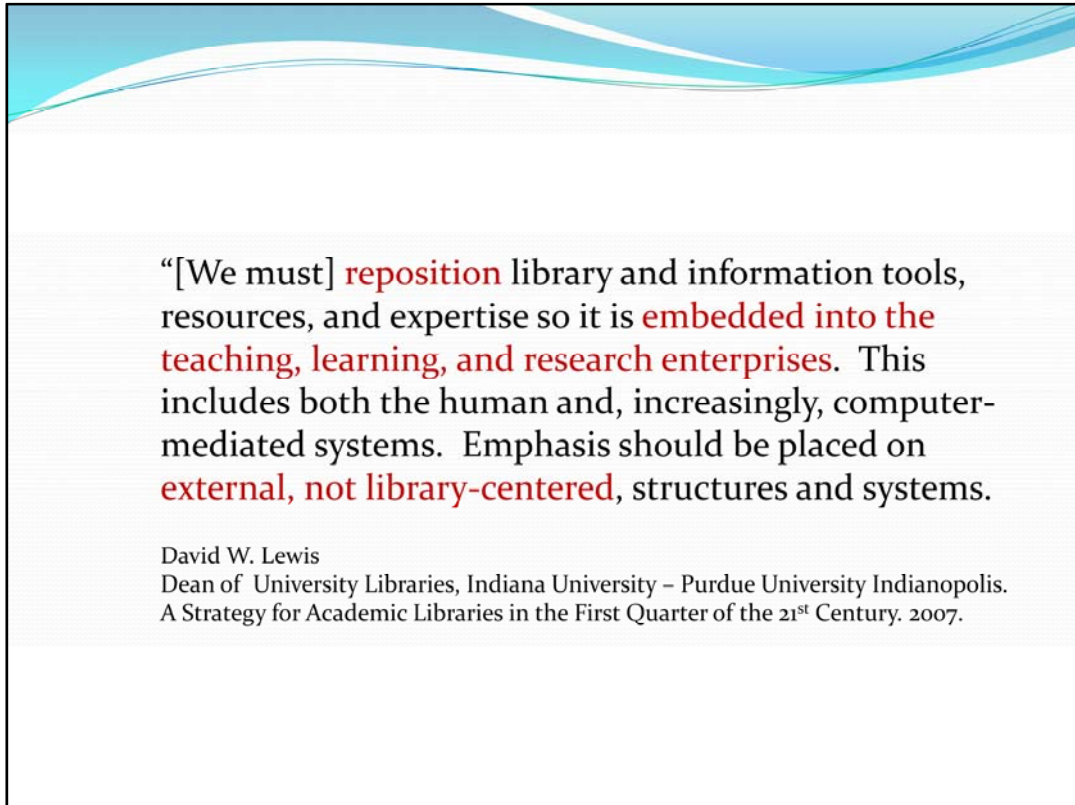
- 1) sparsely staffed,
- 2) highly decentralized, and
- 3) have a physical plant consisting of little more than special collections and study areas

Sparsely staffed: because librarians have licensed vendors to provide content, functions and services from the cloud.

Highly decentralized – librarians must leave the library and become embedded in teaching programs & research teams

The Physical Plant – Of the analogue materials, only special collections remains.





Perhaps Greenstein’s view was overly strict. Here, David Lewis of Purdue gives us more direction for the future.

Please notice these keywords,

- Reposition the library
- Embed our expertise into teaching and research enterprises
- External, not library-centered structures and systems.

I believe we are all moving towards this future. It will come sooner or later, depending on the type of your library, where you are located, etc. But we cannot ignore this “Elephant in the Room”. We have a few years now to prepare. How shall we prepare?

## E-Science, E-Research, E-Science Librarianship



**Catch  
the  
Wave!**

Sinistro!

Luckily, new opportunities have come, to allow the library to do just that. E-Science allows the library to,

- Embed library services into teaching, learning & research
- develop computer-mediated systems
- collaborate with external systems and structures



E-Science – “e-Science is about **global collaboration** in key areas of science, and the next generation of computational infrastructure that will enable it.”  
- John Taylor, Director General of the Research Councils UK, 2000(?)

E-Research: “E-research is the use of distributed computing resources [...] E-research facilitates **collaboration and the sharing of knowledge between researchers**, particularly across disciplines.”  
- ITEE e-Research Group, The University of Queensland

E-Science Librarianship: “.. to organize, curate and preserve [these large data sets] will require collaboration between scientists and librarians. A vital part of the developing research infrastructure will be digital repositories containing both publications and data.”  
- Tony Hey & Jessie Hey, University of Southampton Libraries, 2006.

[don't use]

Science → Big Science → Team Science → Networked Science  
- Diana Rhoten, Social Science Research Council (UK), 2007

## Library Roles in e-Science

- • Campus Engagement
- Content/Collection Development and Management
- Teaching and Learning
- Scholarly Communication
- E-Scholarship and Digital Tools
- Reference/Help Services
- Outreach
- Fund Raising
- Exhibit and Event Planning
- Leadership

A Framework for Articulating New Library Roles, Karen Williams, 2009

<http://www.arl.org/bm-doc/rli-265-williams.pdf>

Karen Williams gives these new roles for librarians of e-science. For the most part, you can see that they are ones in which we already have long experience.



## Campus Engagement Advocacy

I cannot speak to all of them here, but I will speak of this one. Campus Engagement, or, Advocacy. Let me tell you a short story. It's about how an open access data archive will finally be established in Hong Kong.



In 2007, many of us wanted to spread the good work of Open Access, with a conference bringing in international speakers. I applied and received a grant from the Soros Foundation for this. In planning the program, I needed a local VIP to begin the conference.



The HKU Scholars Hub The University of Hong Kong 香港大學學術庫

HKU ResearcherPage: Chin, RTH

**The Hub**

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- HKU Data
- Articles (43)
- Conference Papers (32)

**Achievements**

**Bibliometrics**

**About HKU ResearcherPages**

- HKU ResearcherPages sustain and enhance the research reputations of HKU authors and their institution.
- How to [add](#) your ResearcherPage?
- Data from several sites is harvested and loaded here by machine processing in a mash-up. Do you see an error? Please tell [us!](#)

**Publications**

**HKU Data**

**Professor Chin, Tai Hong Roland**  
錢大康

- Deputy Vice-Chancellor & Provost
- Professor, Chair of Computer Science
- Chairman, Research Grants Council
- Board of Trustees, Croucher Foundation

**Research Interests:**

- Machine vision
- Digital signal processing
- Image processing
- Pattern recognition, industrial visual inspection and related applications.

**My URLs:**

- HKU Vice Chancellor's Office
- Croucher Foundation

**Also Cited As:**

**Tel:** +852 2859 8000

**Office:** KB 1035

**Dept:** Dept of Computer Science

**Faculty:** Engineering

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**Articles (Chin, RTH)**

Results 1-20 of 43.

Result pages: 1 2 3 next

Title	Author(s)	Year
1 A novel scheme for hybrid digital video watermarking: Approach, evaluation and experimentation	Chan, P-W, Lyu, M-R, Chin, R-T	2005
2 Bidirectional deformable matching with application to handwritten character extraction	Cheung, K-W, Yeung, D-Y, Chin, R-T	2002
3 On deformable models for visual pattern recognition	Cheung, K-W, Yeung, D-Y, Chin, R-T	2002
4 Video partitioning by temporal slice coherency	Ngo, C-W, Pong, T-C, Chin, R-T	2001
5 Exploiting image indexing techniques in DCT	Ngo, C-W, Pong, T-C, Chin, R-T	2001

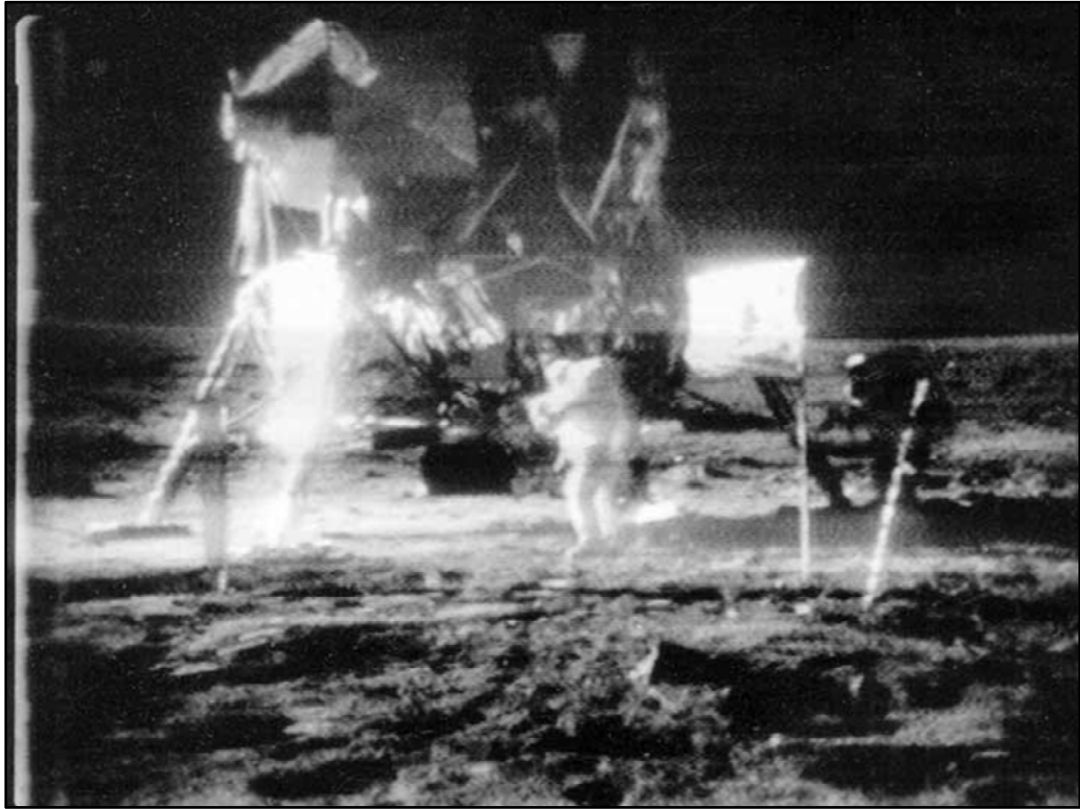
I asked this man, Prof Roland Chin, who is the Pro VC for Research at HKU, and more importantly, the Chairman of the Research Grants Council (RGC), which is the body that funds most research at the 8 universities in Hong Kong. When I asked him, he said he was terribly busy, but would agree to do so, if I wrote his speech. Happy Day! I got my man, and I got to write his speech!

NASA Goddard Space Flight Center in Maryland



But what to write? Doing a little digging in his past, I saw that he worked 2 years at the NASA Goddard Space Flight Center. And then I remembered the story of the lost tapes from the Apollo 11 lunar landing. So I wrote this story, and that is the speech he gave at our conference.

The story in summary is, high resolution video tapes were made of the Apollo 11 lunar landing. In order for them to be broadcast to televisions, they had to be converted to lower resolution.



From wikipedia, this is an example of the high resolution video.



And this is after it was converted to lower resolution.

Well, Apollo 11 was a huge success. The high resolution tapes were kept for a time, and then, disappeared. No one knows today where they are.



Perhaps they are somewhere here in this government warehouse, where boxes have no numbering or barcodes.

If the tapes were available today, researchers could go back to them and extract much more meaningful data. But we can't. Lost is lost. And no one knows when man will return to the moon.

Well, the conference was a success. But more than that, it planted a seed. The RGC has called for a proposal, and will consider this year, that will establish a data archive to serve all 8 HK universities. Part of this will be a change to the grant application & reporting process. Applicants must deposit their data sets, or explain why it is not possible to do so.

Knowledge Transfer  
Knowledge Translation  
Knowledge Exchange



A gift from heaven!

Um presente de deus!

I want to bring in another concept. At HKU and many institutions, it is very relevant & similar to e-science, and again an area in which librarians have an important role to play.

Economies of developed countries are now lucky to see 2% growth a year. Recognizing the worth of R&D, many look at the academic sector as a new, largely untapped engine for further growth. Inside the academic sector and outside, people see the worth of academy in engaging with those outside the academy: industry, government, and society at large. There is the concept that the academy, which is publicly funded, should “give back” to its hosting community. There are those who say that after, Teaching and Research, “Knowledge Exchange” is the 3<sup>rd</sup> mission of the academy. The funder of all 8 universities in HK, the University Grants Committee (UGC) charged all 8 universities and funded projects for Knowledge Transfer



## Similarities

- E-Science, E-Research
  - Global collaboration and the sharing of knowledge between researchers
    - inside or outside the academic sector
- Knowledge Transfer, Translation & Exchange
  - Sharing,
  - exchange with,
  - give-back to
    - the public, community, non-academic sector, etc.



## Knowledge Transfer, Translation & Exchange

- Research Councils UK (RCUK)
- Canadian Institutes of Health Research (CIHR)
- Knowledge Exchange: The European Initiative of DEFF, DFG, JISC and SURF
- University of Melbourne
- (HK)University Grants Committee (UGC)
  - 8 universities in Hong Kong
    - → The University of Hong Kong (HKU)

Here are several institutions now with Knowledge Transfer initiatives. In many cases, such as the Canadian Institutes of Health Research, they have used these KT initiatives, as the bases for policies requiring open access of research and data.

My university, the University of Hong Kong (or HKU) received this new initiative and funding from UGC. HKU rewrote our mission statement to show 3 missions, Teaching, Research, and Knowledge Exchange.

Our library applied for, and was granted money for several projects in support of Knowledge Exchange.


## HKU KE language

- ... to make the research and researchers at HKU highly visible and discoverable, with the goal of increasing all forms of collaboration.
- cf. SIBiUSP:
  - “As principais ações, no momento, estão concentradas em: aumentar a visibilidade e acessibilidade à produção intelectual da Universidade de São Paulo ..”  
*30 Años SIBi* <http://200.144.189.88/30anos/?p=309>

One of these projects, was the augmentation of the institutional repository, to also show details on HKU authors and researchers. The concept is that if HKU researchers are visible and discoverable on the web, offers of collaboration and contract research will increase.

This is very similar to language used by SIBiUSP.

The HKU Scholars Hub The University of Hong Kong 香港大學學術庫




**The HKU Scholars Hub**

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The HKU Scholars Hub is the institutional repository of The University of Hong Kong. As a key vehicle of HKU's [Knowledge Exchange](#) initiative, The Hub strives to make HKU authors and their research very visible, with the goal of increasing all forms of collaboration.

The HKU Medical Faculty is a world leader in research & healthcare



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 HKU research on Web of Science  
 HKU Research & Scholarship  
 HKU's Top 1%  
 HKU Libraries OA Policy  
 HK Open Access Committee  
 Open Access Tracking Project **NEW**

**Featured Scholar**



**Dr Yan, ECW**  
 Assistant Professor, Dept of Soc Work & Social Administration

**Breaking News**

- May 2011. Oh my, yet another release of software -- statistics pages, email alerts, exports & more!
- March 2011: HKU & Springer sign 2nd deal to allow all HKU faculty & students to publish in [Open Access](#)

**Quick search of The Hub**  
 Search the author, title, abstract and series fields.

Search (Fulltext)



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Powered by [DSpace](#), version 1.6.2. Engineered by [OLEA](#).  
 This site implements [DCMI Metadata](#) through meta-tags and an [OAI-compliant](#) repository located [here](#).  
 The University of Hong Kong Libraries, University of Hong Kong | Contact Us

This is the Institutional Repository of HKU, which we call, "The Hub", running on DSpace.  
 We added ResearcherPages for each of the professoriate staff at HKU.

The HKU Scholars Hub The University of Hong Kong 香港大學學術庫

HKU ResearcherPage: Mok, KH

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HKU Data

**Prof Mok, Ka Ho** 莫家豪

- Associate Dean, Faculty of Social Sciences
- Chairman, The Hong Kong Educational Research Association

Research Interests:

- Comparative policy & governance
- Development & education governance change in East Asia
- Social developments & social policy in contemporary China

Also Cited As:

Tel: +852 2243 5081

Office: MV 401

Dept: Social Sciences Faculty

Faculty: Social Sciences

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Articles (Mok, KH)

Results 1-15 of 15.

	Title	Author(s)	Year
1	When marketization and privatization clashes with socialist ideals: Educational inequality in urban China	Mok, KH <a href="#">ca</a> ; Wong, YC <a href="#">ca</a> ; Zhang, XL	2009
2	The Growing Importance of the Privatness in Education: Challenges for Higher Education Governance in China	Mok, KH <a href="#">ca</a>	2009
3	When China Opens to the World: A Study of Transnational Higher Education in Zhejiang Province, China	Mok, KH <a href="#">ca</a>	2008
4	When domestic Forces Meet the Global Trends: The Liberalization of the Privatness in East Asian Higher Education	Mok, KH <a href="#">ca</a>	2008
5	Transforming Higher Education in Whose	Mok, KH <a href="#">ca</a>	2008

This is one of them. To build this page, we sought permission from the several data owners at HKU. We extracted, to build this mashup. There are publication details, grants, usage statistics, and bibliometrics. We had to build an authority control linking variant author names, Roman names, and Chinse script names.

Hub | ScienceDirect | Scopus | SciTopics | Applications

Search | Sources | Analytics | My alerts | My list | My settings

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### Tam, Paul K H

Find potential author matches

**Personal**

Name	Tam, Paul K H	
Other formats	Tam, P. K. H. Tam, P. K. h. Tam, Paul K. H. Tam, Paul Kwong Hang Tam, Paul	Kwong Hang Tam, Paul Tam, Paul K. Tam, P. K. Tam, P.
Author ID	7202539421	
Affiliation	University of Hong Kong, Department of Surgery, Pokfulam Hong Kong	

**Research**

Documents	320	Author Evaluator	Add to my list	Set alert	Set feed
References	5068				
Citations	4492	View citation overview	Set alert		
h Index	29	View h-Graph	The h Index considers Scopus articles published after 1995.		

Co-authors: 169 (previous 100 co-authors are featured)

Because the author entered data at HKU is dirty, we identify the corresponding author profile record in Scopus, and then download Scopus data to overlay our dirty data.

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**Achievements**

Honours, Awards & Prizes (15)

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**Name Card**

**Professor Peiris, Joseph Sriyal Malik**

**裴偉士**

Chair Professor  
Tam Wah-Ching Professor in Medical Science  
Scientific Director of HKU Pasteur Research Centre

**Honours, Awards & Prizes**

**Supervision of Research Postgraduate Students**

Admission	Field of Study	Thesis Title
2011 PhD Baudon Eugenie Maud	Epidemiology	
2010 PhD Perera Kumarapatti Vidanalage Harsha Kumara Kithari	Microbiology	
2010 PhD Dutry Isabelle Cecile Angele	Investigation of Antibody-Dependent Enhancement of Influenza Infection and its Role in Pathogenesis of Avian Flu	
2010 MPhil Wong Diana Dik Yan	Microbiology	
2009 PhD Lai Chun Cheong	Microbiology	
2009 PhD Cheung Pak Hang Peter	Virology	
2009 MPhil Yuen Kit Man	Influenza Research	Comparison of influenza A virus induced apoptosis in human respiratory epithelial cells: an in vitro and ex vivo study
2008 PhD Chu Ka Wing	Virology	
2008 MPhil Yu Ching Lam	Microbiology	<a href="#">Influenza H5N1 and H1N1 virus infection and innate immune responses in human alveolar type I, type II epithelial cells and macrophages</a>
2008 MPhil Dutry Isabelle Cecile Angele	Investigation of Antibody-Dependent Enhancement of Influenza Infection and its Role in Pathogenesis of Avian Flu	
2007 PhD Kudeko Mateusz Aleksander	Virology	Characterization of a Novel Role for Class-II ADP-ribosylation Factors in the Regulation of Dengue Egress Using Newly Developed Recombinant Subviral Particles
2007 MPhil Xie Zhengyun	Innate immunity of NK Cells against H5N1 Influenza Virus	<a href="#">Interactions of Human Natural Killer Cells with the Hemagglutinin from an H5N1 Influenza Virus</a>
2007 MPhil Lin Phoon Yan Isianne	Virus Interactions in Cells	Mechanisms of enveloped viruses egress at the subcellular level using dengue virus like particles as a model <a href="#">Characterization by Electron Microscopy of Dengue virus</a>

This is showing the postgraduate students that Prof Peiris supervises. Because he is famous for having isolated in 2003 the coronavirus causing SARS or Avian Flu, many students wish him for their supervisor. This page also shows theses done by these students, and where possible, links to the fulltext.

The HKU Scholars Hub The University of Hong Kong 香港大學學術庫

HKU ResearcherPage: Tam, PKH

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**Publications**


**Achievements**

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**Name Card**



**Professor Tam, Paul Kwong Hang** 

譚廣亨  
Pro-Vice-Chancellor and Vice-President (Research)  
Chair of Paediatric Surgery

**Bibliometrics, external**

<p><b>Scopus</b></p> <p>AuthorID: 7202539421</p> <p>Document Count: 320</p> <p>Cited by: 4421</p> <p>h Index: 29</p> <p>Co-authors: 150</p>	<p><b>ResearcherID</b></p> <p>RID: C-4405-2009</p> <p>Document Count: 673</p> <p>Times Cited: 8958</p> <p>h Index: 30</p> <p>Co-authors: <a href="#">Collaboration Network</a></p>
<p><b>BiomedExperts</b></p> <p>PersonDetailpage: 1391646</p> <p>Co-authors: 213</p> <p>Publications: 178</p>	<p><b>Microsoft Academic Search</b></p> <p>Author ID: 4858680</p> <p>Publications: 20</p> <p>Citations: 139</p> <p>G-Index: 11</p> <p>H-Index: 5</p> <p>Co-Authors: 405</p>
<p><b>PubMed</b></p> <p>Hub Items with PubMed ID: 44</p> <p>Hub Items with PMC ID: 8</p> <p>Citation count of Hub Items in PMC: 1769</p> <p>Hub items cited in PMC: 25</p>	

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Because of these pages show many details on our staff, Google likes them well. Most relevant searches in Google will show the entry for the Hub at the top of the page.

Although this is good, there are many more things we can do to more our people visible, discoverable, and likely to be invited for new collaborations, and contracts.

## Re-purposing information

- IRs can also be,
  - Expert finders
  - Sources for bibliometrics
  - Sources for RAEs
  - Sources for Rankings
  - Sources for Peer Review

And of course there are many other ways to use an IR. We as librarians, must actively search for them!


## RAEs: Re-positioning the Library

- “In terms of information infrastructure, the libraries that are playing a central role in the research assessment process – particularly Australia – are those which have been able to **leverage the value of the institutional repository**, which is typically managed and populated by librarians”.
- “There is a general sense that the traditional library **business of books on shelves is being consigned to the past** and that librarians see their libraries as having an institutional information infrastructure role within the universities”.
  - Tom MacColl, Key Perspectives Ltd. (for OCLC), 2009.  
<http://www.oclc.org/research/publications/library/2009/2009-09.pdf>.



## MacColl, J.

- Libraries should manage research outputs data at national and international scales
- Libraries should take responsibility for the efficient operation of research output repositories across research environments
- Libraries should provide expertise in bibliometrics

- 
- Libraries should claim their territory
    - Should be more assertive...
    - Must have a voice in planning institutional responses...
    - Avoid reactive or largely clerical role...
    - Must have energetic library leadership...

June 2010

**A Slice of Research Life:**  
Information Support for Research  
in the United States

Susan Kroll  
and  
Rick Forsman

**OCLC**  
A publication of OCLC Research in support of the RLG Partnership

- Researchers have no perception of the huge internal transformation most libraries have undergone in the conversion to digital access. Researchers do not realize what expertise librarians have to offer their users, are uninformed about services offered, and have little idea what the library might do in the future.
- **Libraries Must Articulate and Create Their Own Future.**

<http://www.oclc.org/research/news/2010-06-16.htm>

And finally, this last report by OCLC.

There is no one to create our future, but we ourselves. If we don't do it, no one will.

[don't use]

Not one person reported that they visited a library. A wide variety of researchers voice their inability to create consistent and shareable metadata and their disorganized storage strategies. Yet it does not appear that they see libraries as having much to offer in any of these areas. Researchers require practical evidence of direct value of research tools and services. Academic libraries can support research by developing and aggregating discipline-based tools, providing customized services, and emphasizing user-centered services

Thank You

謝謝您

Grazie

спасибо

شكرا لك

감사합니다

cảm ơn bạn

धन्यवाद

Σε ευχαριστώ

תודה

有り難うございます

Muito Obrigado !!