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<th>The benefits of authority management in an IR; more than name disambiguation</th>
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The Benefits of Authority Management in an IR

- More than Name Disambiguation

David T Palmer
The University of Hong Kong (HKU)
http://hub.hku.hk/index.php
ALCTS American Library Association
2013, Chicago
One Person: many names

• Hong Kong ID card
  ➔ Wong, Danny Wai Ming  Roman
  ➔ 黃偉明  Chinese (漢字 - hanzi)

• Published or Academic Form
  ➔ Wong, WMD
  ➔ Wong, WM
  ➔ Wong, DW

• Pronunciations from other vernaculars:
  ➔ Hanyu Pinyin (Mandarin)  Huang Weiming
  ➔ WadeGiles（Taiwan）  Huang Wei-ming
  ➔ Fokkien people in Taiwan  Hwang, Wai-ming
  ➔ Korean:  Huang Wim Yeong

• Other listings,
  ➔ Wong, Danny WM
One Person: many names

- Hong Kong ID card
  - Wong, Danny Wai Ming  
  - 黃偉明
- Published or Academic Form
  - Wong, WMD
  - Wong, WM
  - Wong, DW
- Pronunciations from other vernaculars:
  - Hanyu Pinyin (Mandarin)  
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  - Korean:
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One Person: many names

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    - Huang Weiming
  - WadeGiles (Taiwan)
    - Huang Wei-ming
  - Fokkien people in Taiwan
    - Hwang, Wai-ming
  - Korean:
    - Huang Wim Yeong
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  - Wong, Danny WM
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- Hong Kong ID card
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  - 黃偉明
  - Roman
  - Chinese (漢字 - hanzì)

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  - Hanyu Pinyin (Mandarin)
    - Huang Weiming
  - WadeGiles (Taiwan)
    - Huang Wei-ming
  - Fokkien people in Taiwan
    - Hwang, Wai-ming
  - Korean:
    - Huang Wim Yeong

- Other listings,
  - Wong, Danny WM
One name: many people

• Academic Name
  ➔ Wong, DWM
  • Wong, Daniel Wai Ming
  • Wong, David Wing Man

• From Romanization to Hanzi (汉字)
  ➔ Wong, Wai-ming
  • 黃偉明 (traditional)
  • 黄伟明 (simplified)
  • 王偉明

• From Hanzi (汉字) to Romanization
  ➔ 黃偉明
  • Wong, Wai-ming (Hong Kong customary)
  • Huang, Weiming (Hanyu Pinyin)
  • Huang, Wei-ming (Taiwan Wade-Giles)
  • Hwang, Wai-ming (Fokkien customary)
One name: many people

- **Academic Name**
  - Wong, DWM
  - Wong, Daniel Wai Ming
  - Wong, David Wing Man

- **From Romanization to Hanzi (漢字)**
  - Wong, Wai-ming
    - 黃偉明 (traditional)
    - 黃偉明 (simplified)
    - 王偉明

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One name: many people

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    • Wong, David Wing Man

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    • Huang, Weiming (Hanyu Pinyin)
    • Huang, Wei-ming (Taiwan Wade-Giles)
    • Hwang, Wai-ming (Fokkien customary)
Ambiguous identity

• Authors
• Inventors
• Principal / Co-Investigators
• Contractors / consultants
• Architects
• Thesis advisors
• 等々
The problem incarnate

• Personal Reputation
  ➔ Lost citations
  ➔ Lost opportunities
  ➔ Lower measures of esteem
    • Peer review

• Smaller Institutional digital footprint
  ➔ Rankings
  ➔ Peer review
  ➔ Less funding
  ➔ Smaller standing in Unesco country reports
  ➔ 等々
The problem incarnate

- Personal Reputation
  - Lost citations
  - Lost opportunities
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    - Peer review

- Smaller Institutional digital footprint
  - Rankings
  - Peer review
  - Less funding
  - Smaller standing in Unesco country reports
  - 等々
Remedy!
2009 – URC Grant: HKU Bibliographic Rectification

- Web of Knowledge
  ➔ ResearcherID on 1,500 HKU scholars
- Scopus
  ➔ 1,500 HKU authors cleaned & disambiguated
- Google Scholar
  ➔ Google Scholar Citations
- ACM Digital Library
- SSRN
- RePEc
- CiteULike
- PubMed
- BioMed Experts
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- ACM Digital Library
- SSRN
- RePEc
- CiteULike
- PubMed
- BioMed Experts
- 等々
2009 – KEO Grant:
To Make Visible, HKU Research & Researchers

• Knowledge Exchange
  ➔ 3rd mission
  ➔ Mutual benefit

• HKU’s IR
  ➔ The HKU Scholars Hub
  ➔ 2005, OA publications
  ➔ 2009, key vehicle for HKU’s KE initiative

• Research & Researchers
  ➔ More than publications
    • Patents
    • Grants / projects
    • Depts / Ctrs
    • And their attributes
      – Awards
      – Grant funders
      – Languages spoken / written
      – Citation / download counts
      – 等々
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  • And their attributes
    – Awards
    – Grant funders
    – Languages spoken / written
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    – 等々
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.

QUICK SEARCH OF THE HUB

Search the author, title, abstract and series fields.

SEARCH

FEATURED SCHOLAR

Professor Chang, EC

- Dean (Faculty of Business and Economics)
- Quoin Professor in Finance; and Professor; Chair of Finance

Research Interests:
- Derivative securities
- International finance
- Capital asset pricing

HUB NEWS

Mar 2013: Membership in professional societies added to ResearcherPages.

Mar 2013: Affiliations for coauthors shown when known. An example

Feb 2013: Grant data added to publication records when known. An example

Jan 2013: Web service for extracting Hub data. Interested? Write!

RELEVANT LINKS

- HKU's Top 1%
- HKU Authors: OA Publishing
- Usage Stats & Downloads
- HKU most cited articles in Scopus
- HKU research on Web of Science
- HKU Research & Scholarship
- HKU Libraries OA Policy
- HK Open Access Committee
- Open Access Tracking Project
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<td>Staff profiles</td>
<td>Research interests, picture, etc.</td>
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HKU Researcher Page: Bacon-Shone, JH

Contact Information

Tel: 3917 1600
Office: CJT 815
Dept: Social Sciences Research Ctr
Faculty: Faculty of Social Sciences

Professor Bacon-Shone, John Hugh

Research Interests: (click to check for cognate researchers)
- Professor
- Associate Dean of Social Science
- Director, Social Sciences Research Centre
- Associate Director, Knowledge Exchange Office

My URLs:
- Biography
- Google Scholar Citations

Also Cited As:
- Bacon-shone, John
- Bacon-shone, J
- Baconshone, J
- Bacon-Shone, J
With clean disambiguated data,
-- The places you will go!
Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drugs.
**Article:** Understanding Australia's influenza pandemic policy on the strategic antiviral drug stockpile

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Author Affiliations:
1. Harvard School of Public Health
2. The University of Hong Kong
3. Royal Melbourne Hospital
4. University of Melbourne
5. University of New South Wales
Article: Understanding Australia's influenza pandemic policy on the strategic antiviral drug stockpile
prevention and treatment of cerebrovascular disorders. However, the mechanism responsible for such protective effects remains largely unknown. It has been considered that cerebral endothelium apoptosis caused by reactive oxygen species including hydrogen peroxide (H2O2) is implicated in the pathogenesis of cerebrovascular disorders. Methodology and Principal Findings. By examining the effect of Sal B on H2O2-induced apoptosis in rat cerebral microvascular endothelial cells (rCMCes), we found that Sal B pretreatment significantly attenuated H2O2-induced apoptosis in rCMCes. We next examined the signaling cascade(s) involved in Sal B-mediated anti-apoptotic effects. We showed that H2O2 induces rCMCes apoptosis mainly through the PI3K/ERK pathway, since a PI3K inhibitor (LY294002) blocked ERK activation caused by H2O2 and a specific inhibitor of MEK (U0126) protected cells from apoptosis. On the other hand, blockage of the PI3K/Akt pathway abrogated the protective effect conferred by Sal B and potentiated H2O2-induced apoptosis, suggesting that Sal B prevents H2O2-induced apoptosis predominantly through the PI3K/Akt (upstream of ERK) pathway. Significance. Our findings provide the first evidence that H2O2 induces rCMCes apoptosis via the PI3K/MEK/ERK pathway and that Sal B protects rCMCes against H2O2-induced apoptosis through the PI3K/Akt/Raf/MEK/ERK pathway. -2007 Liu et al.

**ISSN**: 1932-6203
2011 Impact Factor: 4.092
2011 SCImago Journal Rankings: 0.519

**ISI Accession Number ID**
WOS:000207459600009

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**Funding Information:**
This work was supported by a grant (HKU 7636/05M) from the Research Grant Council of Hong Kong awarded to Dr. J.D. Huang, and was also supported by grants (FRG/06-07/I-07 and FRG/06-07/I-43) from Hong Kong Baptist University awarded to Dr. M. Li. The funders had no roles in the design and conduct of the study, in the collection, analysis, and interpretation of the data, and in the preparation, review, or approval of the manuscript.

**PubMed Central ID**
PMC2117346

**References**
References in Scopus

**Grants**
Role of kinesin-mediated intracellular transportation in Alzheimer's Disease
Role of kinesin-mediated intracellular transportation in Alzheimer's Disease
People!
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<td>Honorary Selection Award &amp; Prize (Premios de Trabalhos Seleccionados), Public Competition for the Architectural Concept of the New Port Authority Building and Surrounding Environment (Concurso Publico para o Projeto de Conceicao Arquitectonica do Novo Edificio da Capitania dos Portos e Optimizacao da Zona Envolvente), Macau, SAR: Capitania dos Portos, Macau, SAR Servicos de Solos, Obras Publicas e Transporte, Macau, SAR (Government of Macau, SAR, China), Capitania dos Portos/Direccao dos Servicos de Solos (Macau), Macau, SAR, China</td>
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<td>01-11-2007</td>
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<td>Research Achievements</td>
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<td>01-09-2006</td>
<td>Honorary Mention Award (Profesional Category), International Architectural Competition 'Celebration of Cities 2' - UIA in collaboration with UNESCO, 2006: Union of International Architects (UIA) in collaboration with UNESCO - Awarded and Exhibited at the Venice Biennale:</td>
<td>Research Achievements</td>
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**HKU ResearcherProfile: Tsui, ABM**

---

**Profile**

- Contact Information

**Networks of Collaboration**

- Visualized
- Tabulated

**Publications**

- Articles (38)
- Conf. Papers & Presentations (28)
- Books (Authored) (8)
- Books (Edited) (1)
- Book Chapters (41)
- Others (1)

**Achievements**

- Media Contact Directory (9)
- Editorship (31)
- Supervision of Research Postgraduate Students (15)
- HKU Committee Appointments (50)

**Grants**

- Principal Investigator (11)
- Co-Investigator (4)

---

**Professor Tsui, Amy Bik May**

徐碧美

- Pro-Vice-Chancellor and Vice-President (Teaching and Learning)
- Professor: Chair of Language and Education

**Dept:** Education Faculty  
V-C's Office  
**Faculty:** Faculty of Education

---

**Supervision of Research Postgraduate Students**

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<td>2009</td>
<td>PhD Rong Xiaoyan</td>
<td>Cultural dimensions of Japanese students' participation in PBL tutorials</td>
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<tr>
<td>2008</td>
<td>PhD Imafuku Rintaro</td>
<td>Sociolinguistics, Discourse Analysis, Problem-based Learning Curriculum</td>
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<td>2005</td>
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<td>Cross-cultural Psychology and Applied Linguistics</td>
</tr>
<tr>
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<td>PhD Harfitt</td>
<td>Classroom Interaction, Small Class Teaching</td>
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**Cross-cultural Adaptation and Second Language Acquisition: A Study of International Students in Universities of the People's Republic of China**

**How class size mediates student learning: case studies of Hong Kong secondary schools**
HKU Researcher Page: Chow, BKC

Professor Chow, Billy Kwok Chong

- Professor
- Dept: School of Biological Sciences
- Faculty: Faculty of Science

External Metrics

Scopus (1996 ~)
- AuthorID: 7102826193
- Document Count: 111
- Total Citations: 2032 total citations by 1384 documents
- h Index: 24
- Co-authors: 150

BiomedExperts
- PersonDetailpage: 239266
- Co-authors: 103
- Publications: 95

Google Scholar Citations
- Author Profile: kjfd3oAAAAA
- Citations: 2485
- h-index: 28
- i10-index: 76

211 publications indexed in the Hub. Of these:

Web of Science: 83 are found in WoS, with 1668 citations
PubMed: 103 are found in PubMed, with 209 citations
CiteULike: 20 are found in CiteULike
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RESEARCHERPAGE VIEW COUNT (FROM DEC 2010)

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- Country:
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Theses & Dissertations!
Title: Quantifying the urban heat island (UHI) intensity in Hong Kong

Authors: Siu, Leong-wai

Issue Date: 2011

Publisher: University of Hong Kong (Pokfulam Road, Hong Kong)

Abstract: The definition and quantification of urban heat island (UHI), the air temperature differences between urban and rural areas, remains problematic. This is due, in large part, to the difficulty of operationalizing the terms “urban” and “rural”, especially with regard to classifying the weather stations that provide data. This thesis studies the urban heat island (UHI) intensity in Hong Kong and there are three foci in the research. The first focus of this study is the determination of the urban and rural weather stations in Hong Kong. The Local Climate Zones (LCZ) system has been employed to classify 17 weather stations and field observation was the main technique to collect the necessary metadata. Six field trips were arranged in the summer of 2009 and 2010. Hong Kong Observatory Headquarters (HKO) is considered as the only representative urban station, whilst Tsak Yue Wu station (TYW) is deemed as the representative rural station because of its Forest Zone (NCZ1) classification. Ta Kwu Ling station (TKL) is another reference rural site. The second focus is the quantification of the UHI intensities at six pairs of stations in Hong Kong and their diurnal and seasonal variations. The 19-year annual UHI intensities in Hong Kong suggest that the representative rural sites (TYW and TKL) also record representative UHI intensities for the region. The differences of the cooling rate at urban and rural stations drive the diurnal cycle of urban heat island. The seasonal variations of UHI intensities are also driven by the cooling rate differences of urban and rural stations in different seasons. Since the mean maximum urban cooling rate does not vary considerably throughout the seasons (0.4 – 0.5 °C/hr), it is the alteration of the rural cooling rate (1.0 – 1.6 °C/hr at TYW; 0.9 – 1.2 °C/hr at TKL) which determines the seasonal variations of UHI intensities. The mean daily maximum UHI intensities in Hong Kong are greatest in winter. The final focus is the meteorological impacts on the UHI intensity in Hong Kong. Five meteorological elements, including air temperature, wind speed, vapour pressure, cloud cover, and cooling rate, have been separately investigated to establish their impacts on the UHI intensity. Under fine weather conditions, the first four elements are negatively related to the UHI intensity. Sixteen regression models were built after the use of stepwise procedures which optimize the combination of independent variables. Rural air temperature is considered the most important meteorological factor on the UHI intensity. The models also suggest that there are other factors affecting the UHI intensities in spring and summer.

Advisors: Peart, MR
Hart, MA

Degree: Master of Philosophy

Subject: Urban heat island - China - Hong Kong.
Urban temperature - China - Hong Kong.

Dept/Program: Geography

DOI: http://dx.doi.org/10.5353/th_b4569256
HKU Library Item ID: b4569256
Grants (Projects)!
## Grant: Reinforced concrete coupling beams with embedded steel plate

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<th>Project Title</th>
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<td>Su, Kai Leung</td>
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<tr>
<td>Co-Investigator(s)</td>
<td>Pam, Hoat Joen</td>
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Patents!
## Patent Sources

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** Granted Patent:** Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

**Title:** Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

**Granted Patent:** US 7572912

**Granted Date:** 2009-08-11

**Priority Date:** 2004-10-29 US 2004-977200
2005-09-25 WO 2005-CN1589

**Inventors:**
- Yam, Vivian Wing Wah
- Wong, Keith Man Chung
- Kwok, Ho Sing
- Zhu, Xuiling

**Citation:** US Patent 7572912. Washington, DC: US Patent and Trademark Office, 2009

**Abstract:** A class of luminescent gold(III) compounds with a tridentate ligand and at least one strong sigma-donating group having the chemical structure represented by the general formula (I): $\text{R} \cdot \text{S} \cdot \text{N} \cdot \text{O}$ wherein R, S and N each independently represent the group containing hydrogen, halogen, alkyd, substituted alkynyl, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, alkyox, substituted alkylox, amino, substituted amino, cyano, nitro, alkyloxycarbonyl, alkoxy, aryloxycarbonyl, ester, mono- or dialkylaminocarbonyl, alkoxybenzox, aryloxycarbonyl, aryloxycarbonyl, and the like; X, Y and Z each independently represent a heteroatom or a carbon. $\text{R} \cdot \text{S} \cdot \text{N} \cdot \text{O}$ represents an aromatic or heterocyclic 5- or 6-membered ring. $\alpha$ and $\beta$ each independently represent a bridge for an aromatic or heterocyclic 5- or 6-membered ring or represent a break for non-cyclic moieties, C=C, C–Y and C–Z each independently represent a single bond or double bond; n represents a zero or an integer, p, q and r represent positive integers.

**Persistent Identifier:** http://hdl.handle.net/10722/142108

**Cites US 20030040627**
Published Patent: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration

Title: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration

Priority Date: 2005-02-25 US 11/066628

Inventors: So, KF
Yuen, WH
Chang, RCC
Zee, SY

Citation: US Published patent application US 20050196478. Washington, DC: US Patent and Trademark Office (USPTO), 2005 [How to Cite?]

Abstract: An Lycium barbarum extract demonstrates a neuroprotective effect on damaged retinal ganglion cells, preventing and preserving retinal ganglion cells from degeneration in the treated subjects after chronic and traumatic neuronal injury or glaucoma. Compositions include an effective amount of an agent and a pharmaceutically acceptable vehicle.

Persistent Identifier: http://hdl.handle.net/10722/45673

Publication: Neuroprotective effects of anti-aging oriental medicine Lycium barbarum against b-amyloid peptide neurotoxicity
## Networks: Bacon-Shone, JH

### Co-Authors

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### Keywords in Publications

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### Co-Investigators

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<td>Dr Day Jeffrey Richard</td>
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<td>Professor McGhee Sarah</td>
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<td>Dr Shek Daniel T.L.</td>
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<td>Mr Balding</td>
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ORCID, Auto Population?

- Raw data from Scopus & others
  - Ain’t clean
  - Method to clean is not quickly understood
  - Most authors won’t spend the time to clean
Knowledge Exchange

Mutual Benefit
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- Funded by HKU KEO
- All new Hub features ➔ Dspace community
  ➔ Rel. 3.0 and future releases
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  ➔ http://cilea.github.com/dspace-cris/index.html
• Current Research Information System
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• Other CRIS functions:
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Why move to a CRIS?

- Research is described & contextualized by more than publications
- The benefits of authority work extend beyond publication author name disambiguation
- Libraries can do more to support their institutions than process publications
  - Decline of print cataloguing, repurposing of staff

- E-Science & E-Research beckon!
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Thank you!
References

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