



**Faculty of  
Social Science**

## RESEARCH PROJECTS

### **Doufu: A Study of Beancurd Consumption and Globalization**

✉ TAN Chee Beng • MINTZ Sidney Wilfred#

☐ 1 January 1999

❖ CUHK Research Committee Funding

This research will study beancurd consumption in Hong Kong as well as its diffusion globally. It will be both historical and ethnographic. The global overview will include the history of its invention, processing and diffusion, as well as a brief history of soy and mung beans. The ethnographic study will investigate the current manufacture and use of beancurd in Hong Kong. The investigation will also include ethnic and class differences, recent changes in preparation and consumption, as well as the cultural beliefs about and religious significance of beancurd. (SS98005)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

Edition      Title/Investigators

1996-97 Indigenization of Anthropology in East and Southeast Asia (SS96049)

✉ BOSCO Joseph • CHEUNG Chin Hung Sidney • TAM Siu Mi Maria • WU Yen Ho David • TAN Chee Beng • KIM Kwang Ok\* • MATHEWS Gordon Clark

1997-98 Hong Kong Cultural Identity in the Wake of the Handover (SS97037)

✉ MATHEWS Gordon Clark

1994-95 Youth in Hong Kong: Popular Culture, Political Culture (SS94091)

✉ TAM Siu Mi Maria

1997-98 Tradition, Change and Identity: A Study of the Minnan People in China and Southeast Asia (CU97216)

✉ TAN Chee Beng • WU Yen Ho David • TAM Siu Mi Maria • CHEUNG Chin Hung Sidney • KUAH Khun Eng\*

1996-97 Tokharian Influence on Altaic Languages (CU96102)

✉ WANG Penglin

## RESEARCH OUTPUTS AND PUBLICATIONS

<IA98013> **Cheung, Sidney C.H.** "Being Here, Searching 'There' Honpara as a Virtual Community". *On the South China Track: Perspectives on Anthropological Research and Teaching* ed. by Sidney C H Cheung, pp.131-148. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1998.12.

<IA98014> **Cheung, Sidney C.H. ed.** *On the South China Track: Perspectives on Anthropological Research and Teaching*. 279 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1998.12.

<IA98022> **Mathews, Gordon.** "The Contemporary Meanings of Culture: On Why Hong Kong May Be the Most Exciting Place in the World in Which to Do Anthropological Research". *On the South China Track: Perspectives on Anthropological Research and Teaching* ed. by Sidney C.H. Cheung. pp.111-127. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1998.

<IA98024> **Tam, Siumi Maria.** "Teaching as 'Culturalization': Reflections on Hongkong-specific Anthropological Pedagogy". *On the South China Track: Perspectives on Anthropological Research and Teaching* ed. by Sidney C.H. Cheung. Research Monography no.40, pp.199-210. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1998.

- <IA99008> **Cheung, Sidney C.H. and Eric K.W. Ma.** "Advertising Modernity 'Home,' Space and Privacy". *Occasional Paper No.93* 24 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1999.04.
- <IA99010> **Mathews, Gordon.** "A Collision of Discourses: Japanese and Hong Kong Chinese During the Diaoyu/Senkaku Islands Crisis". *Hong Kong Institute of Asia-Pacific Studies, Occasional Paper no.94*, 36 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1999.05.
- <IA99022> 吳華孔、李婉筠、平萍、**Cathy J. Potter**、葉漢明。《性別研究資訊》。第 15 期, 20 頁。香港: 香港中文大學性別研究計劃, 1999.03.
- <P974933> **Tan, Chee-Beng.** "The Badang of Sarawak". *Journal of Malaysian Studies* vol.15 no.1&2, pp.148-174. Penang, Malaysia, 1997.12.
- <P980966> **Cheung, Sidney C.H.** "Depictions of the Ainu in Japanese Anthropology". Paper presented in the 14th International Congress of Anthropological and Ethnological Sciences. Williamsburg, USA, 1998.07.30.
- <P981050> **Cheung, Sidney C.H.** "Understanding Hong Kong Tourism from an Anthropological Perspective". *The Hong Kong Anthropologist* vol.11, pp.13-21. Hong Kong, 1998.07.
- <P982229> **Mathews, Gordon.** "On the Tension between Japanese and American Anthropological Depictions of Japan". Paper presented in the 14th International Congress of Anthropological and Ethnological Sciences. Williamsburg, Virginia, USA, 1998.07.30.
- <P982235> **Joseph, Bosco and Evans Gvant. ed.** *The Hong Kong Anthropologist.* vol.11, 50 pgs. Hong Kong, 1998.08.
- <P982562> **Wang, Penglin.** "A Geometric Perception of Cropland and Village in Eurasia by Using the Words for 'Four, Square'". *The Mankind Quarterly* vol.39 no.1, pp.3-43. Washington, DC, USA, 1998.
- <P982847> **Mathews, Gordon.** "Culture, State, and Market in the Shaping of Hong Kong's Chinese Identity". *The Hong Kong Anthropologist* vol.11, pp.22-28. Hong Kong, 1998.07.
- <P982858> **Bosco, Joseph.** "Local Theories and Sinicization in the Anthropology of Taiwan". Paper presented in the 14th International Congress of Ethnological and Anthropological Sciences. Williamsburg, USA, 1998.07.30.
- <P983266> **Tan, Chee Beng.** "People of Chinese Descent: Language, Nationality and Identity". *The Chinese Diaspora: Selected Essays* ed. by Wang Ling-chi and Wang Gungwu. vol.1, pp.29-48. Singapore: Times Academic Press, 1998.
- <P983267> **Tan, Chee-Beng.** "Globalisation: A Confucian Perspective". *Globalisation: The Perspectives and Experiences of the Religious Traditions of Asia Pacific* ed. by Joseph A. Camilleri and Chandra Muzaffar. pp.19-29. Petaling Jaya, Malaysia: International Movement for a Just World, 1998.
- <P983525> **Wang, Penglin.** "The Cognitive Basis for Generating Chinese Numerals". Paper presented in the Annual Research Forum of Linguistic Society of Hong Kong. Hong Kong, 1998.12.
- <P983527> **Tan, Chee-Beng.** "Chinese Religious Traditions, Localization, Transnational Relations and Cultural Identities". Paper presented in the Inter-Cultural Relations and Cultural Transformation of Ethnic Chinese Communities, organized by International Society for the Study of Chinese Overseas. Manila, 1998.11.
- <P983528> **Tan, Chee Beng.** <宗教與社會變遷-談開放以來的中國民間宗教與社會>. 論文發表於海峽兩岸暨香港地區當代文化之變遷學術研討會, 主辦機構為北京大學, 台灣大學和香港中文大學. 香港, 1998.07.22.

- <P984343> **Bosco, Joseph.** "Review of *Taiwan's Electoral Politics and Democratic Transition: Riding the Third Wave*" *The Journal of Asian Studies* vol.57 no.3, pp.839-841. 1998.08.
- <P984344> **Bosco, Joseph.** "Review of *Ungrounded Empires: The Cultural Politics of Modern Chinese Transnationalism*" *The Journal of Asian Studies* vol.57 no.3, pp.832-833. 1998.08.
- <P984442> **Mathews, Gordon.** "Review of *Hong Kong: Culture and the Politics of Disappearance*" *Journal of Asian Studies* vol.57 no.4, pp.1112-1113. USA: University of Utah, 1998.11.
- <P984443> **Mathews, Gordon.** "A Phenomenological Approach to the Study of Culture". Paper presented in the Symposium on "Phenomenology and the Human Sciences", organized by Department of Philosophy, The Chinese University of Hong Kong. Hong Kong, 1998.10.10.
- <P984444> **Mathews, Gordon.** "Hong Kong after the Handover: The Intertwining Legacies of July 1 and July 2, 1997". Paper presented in the American Anthropological Association 97th Annual Meeting. Philadelphia, PA, USA, 1998.12.05.
- <P990506> 張展鴻、森川真規雄. "<食の文化>". *Knowing More About Hong Kong* (第2版) 可兒弘明編. 10 pgs. 東京: 弘文堂, 1999.05.
- <P990594> 張展鴻. <從人類學角度透視旅遊業 - 以香港為例>. 《廣西民族學院學報》第21卷第2期, 頁23-27. 廣西, 中國, 1999.04.
- <P990799> **Wang, Penglin.** "Transcontinental Parallels Between Time-Reckoning Serials and Numerals: With an Emphasis on Chinese and Mongolian". Paper presented in the 1999 Conference of Asian Studies on the Pacific Coast, organized by San Diego State University. USA, 1999.06.
- <P991671> **Bosco, Joseph and Puay-Peng Ho.** *Temples of the Empress of Heaven.* 80 pgs. Oxford University Press, Hong Kong, 1999.05.
- <P991680> **Bosco, Joseph.** "Commensality in Taiwan: Changes in Eating and in the Family". Paper presented in the Workshop on "Commensality and the Family Meal in China: United We Eat Together?", organized by Fairbanks Center, Harvard University and Dept of Anthropology, The Chinese University of Hong Kong 1999.06.28.
- <P991863> **Mathews, Gordon.** "Contemporary Japanese Artistic Culture and the Creation of Japanese Identity". Paper presented in the Conference on "Japanese Popular Culture in Taiwan and Asia: Production and Consumption", organized by Communication Arts Research Institute. Taipei, Republic of China, 1999.05.15.

see also <IA98023>

## RESEARCH PROJECTS

### **The Vernacular Contained, a Study of Hong Kongs Container Architecture**

✍ BERTIN Vito Daniel • GU Daqing • WOO Pui Leng

□ 1 May 1999

❖ CUHK Research Committee Funding

This is an investigative study of container architecture in Hong Kong.

Hong Kong is the world's busiest container port. It handled more than eleven million 20-foot equivalent of container units in 1994. A large number of containers are in circulation and in storage.

Beyond their intended life-span, used containers pose a significant problem in their disposal. Many have been illegally dumped in leased farmland destroying some of the most picturesque rural scenery. Fortunately, some have been recycled for their materials. Interestingly, many are also reused for buildings.

The built environment is one of the sources for the study of architecture. The built environment does not consist only of buildings designed by architects, but also of buildings erected by builders and craftsmen responding directly to needs and circumstances. This so called vernacular architecture can be a rich source for studying the complex forces which shape buildings. Vernacular architecture is usually traditional architecture, but from time to time also new forms appear. The many structures built with containers in Hong Kong are such an example. In preliminary studies we discovered a number of interesting aspects, like the contrast between containers and additional elements, the closed space within the containers and open space between them, which can be very illustrative for teaching basic principles of construction and space. In this research, we attempt to learn about the phenomenon of container architecture in Hong Kong, and to explore its application in teaching and in architectural design. (SS98024)

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### **Vertical School: A New Urban Building Type**

✍ CHAN Freeman Kaye

□ 1 June 1999

❖ CUHK Departmental Funding

The tentative title is Vertical School: A New Urban Building Type. The continual growth of the school age population in Hong Kong is putting heavy demands upon the available land supply. The standard model school disposed upon a standard size site is no longer viable.

The options include the building of school estates where land is more available. It is the assumption of

this paper that this concept is fraught with planning and urban design flaws, and should be disregarded. The better option is to build schools on smaller parcels of land. By international standards Hong Kong school sites are already very small. Yet even smaller sites are now being considered for the construction of new schools.

This paper looks at the issues informing the proposal to build what are in fact high rise schools, for which there are no prototypes; and the functional, administrative, technical, safety and design issues confronting Hong Kong authorities, architects, and administrators.

The paper will discuss:

(1) the phenomenon of high rises in Hong Kong, and the land, economic and technical factors which have brought about current conditions;

(2) assumes the desirability of children studying in their own neighborhoods;

(3) proposes that a paradigm shift is needed in the role of schools in neighborhoods, and in the management of schools as integral parts of communities ;

(4) suggests the notional value of land should be considered in school project costs, which, if included, changes the economic equation, and justifies larger investment in school capital and operations allocations;

(5) considers some of the crucial architectural issues in the new building type: circulation, open space, recreational space, segregation of uses, health and safety, school management.

(SS98078)

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### **Extentable Structures Along the Streets of Hong Kong**

✍ CHANG Ping Hung

□ 1 October 1998

❖ CUHK Research Committee Funding

The streets of Hong Kong are one of the most exciting settings of events for both visitors and local people. The colours of these streets are composed not only by their various uses, but to a large extent by the "extentable structures". It is most obvious in market streets where stalls with highly adaptable devices can convert an ordinary pedestrian passage into a place of happenings and encounters. Seemingly insignificant when comparing to the grandiose urban development plans, these structures have recently attracted immense attention from urban designers and theorists.

As these structures have played an inseparable part in shaping Hong Kong's amazing streetscape, the research aims to explore a local architectural language by a systematic investigation of the characters of these temporary structures. Emphasis would be put on the analysis of their adaptable nature, urban value and cultural identity.

The significance of the project is to reflect the urban vernacular expressions of the Hong Kong city. The reason and the way of survival of this living architecture without architects would offer a real-to-life lesson and give direction to architects and urban designers in capturing the adaptability and the regional identity of architecture that truly belongs to Hong Kong.  
(SS98006)

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**Ritual, Opera and Bamboo Structures**

- ✍ CHANG Ping Hung • LEE Tunney Fee
- ☐ 1 December 1998
- ❖ CUHK Departmental Funding

In Hong Kong, the memory is in the collective consciousness. A city that is only 150 years old and has grown ten-fold in 45 years is full of immigrants. They have come from all over China but especially adjacent Guangdong. They have left their native places but brought their food, language and beliefs. On some holidays such as the Birthday of the Goddess Tin Hau, there may be as many as a dozen performances going on simultaneously all over the Territory. Depending on the location, the particular ritual, and funds raised, the structures are built to hold from a few hundred to several thousand people. The contrast between bamboo and modern Hong Kong is striking and noticed by all visitors. But it is an ancient material and craft that has been modernized to become an important part of the construction industry. It is widely used as scaffolding on most buildings, including skyscrapers as high as 70 stories. It is light, easily adaptable to any building situation on site. Because of its basic module of 2'x 2', workers prefer it for its convenience of climbing and safety. When the basic system is adapted for use in housing ritual opera, there are some important factors that transform a humble material into a living vernacular architecture.  
(SS98076)

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**A Chain of Memory: Urban Study Along Queen's Road East**

- ✍ CHANG Ping Hung
- ☐ 1 May 1999
- ❖ CUHK Research Committee Funding

The urban redevelopment in the old districts of Hong Kong has enormously been changing the historic townscape of this ever-growing 'hilltown'. In the last decade, thanks to the joint effort of the Lands Development Corporation (LDC) and private developers, lots of traditional urban settlements in the inner city were extensively erased, and in lieu erected are out-of-scale high-rise mammoths. Similar painful experiences were gained in cities of developed

countries that are still mourning for the loss of their previous urban artifacts. Recently, in view of the harmful effects of the insensitive redevelopment, the Government have resumed a conscience for a quality environment that an Environmental Impact Assessment (E.I.A.) should be accomplished before any redevelopment takes place in historically sensitive districts.

The E.I.A. being a powerful urban design tool to achieve better redevelopment proposals which are more respectful for the historic and cultural context, however, is awaiting further investigations and in-depth studies. To this end, this research aims at providing an academic support to the Antiquities and Monuments Office (A.M.O.) who assume largely the task of assessing the E.I.A. By studying the building types, the street patterns, the historical overlays, the physical aspects and the time changes along an important historic 'urban spine', Queen's Road East, the research via demonstrating a comprehensive method of understanding the setting would formulate sensitive urban conservation guidelines for future reference and consultation.  
(SS98025)

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**Planning for Sustainability in the Pearl River Delta, an Environmental Design Charrette in Zhongshan**

- ✍ CHANG Ping Hung • LEE Joyce\* • THOMAS J. Campanella\*
- ☐ 6 May 1999
- ❖ The Rockefeller Brothers Fund

The Department of Architecture, Chinese University of Hong Kong, is co-organizing with the New York Foundation for Architecture, through the American Institute of Architects New York Chapter's Committee on the Environment to lead a participatory charrette focusing on environmentally sustainable urban design, property development and architectural ideas. The charrette took place in Zhongshan, China on 18th-20th June 1999, and was supported by Hong Kong Institute of Architects, Zhongshan Torch Hi-tech Industry Development Zone, and other organizations in southern China. Participants in the charrette will develop concepts and methods relevant to China's property development, planning and design, using a demonstration site in Zhongshan. The resultant work will be exhibited and presented at the UIA Congress, Beijing, and form the basis for a publication. The overall goal is to establish a sustainable framework to assist city planning, property development and building design in Zhongshan, Guangdong Province that would lead to a development mode which is both environmentally advantageous and cost-effective. The Environmental Design Charrette will build on the knowledge of local government officials, educators, and design

professionals to focus on water resource and housing development. Among the topics to be studied will be energy and resource conservation, building ecology, air quality improvement, waste prevention and reclamation, landscaping using native species, and regional planning leading to food security. The results of the charrette can translate to future design guidelines for the municipality. (SS98073)

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**Thermal Comfort & Energy Efficiency at the CUHK Buildings**

- ✍ HO Hin Ming
- ☐ 1 July 1998
- ❖ Shaw College's Student Work Experience Scheme

In the financial year of 1998-99, the University spent HK\$55 million on energy costs, which is equivalent to HK\$3,200 per staff and students.

Typically, the average monthly energy cost is HK\$5.47 million in the summer and HK\$4.03 million in the winter. Air-conditioning (HVAC) is the major energy consumption item, typically 60% of energy use in the buildings. Rising at an average rate of 8% per annum, the total energy cost increase trend is anticipated to continue, following the recent completion of the Mong Man-wai building and the Phase V Chung Chi building soon to be completed.

Energy is a large controllable cost for running university buildings. By adopting simple and cost effective measures, fuel bills for these buildings could be considerably reduced. Further savings are also attainable in new construction and where buildings are refurbished or their services replaced. Well designed and efficiently managed services results in not only energy savings, but also an improved and more comfortable working and living environment for students and staff. This can give rise to better productivity and reduced absence rate due to sickness. Efficiently run buildings also require less manpower to service complaints, thus attain further savings in addition to the reduced costs of energy.

Under the auspices of the Shaw College's Student Work Experience Scheme, the Department of Architecture carried out a pilot study on the energy efficiency and thermal comfort in the Administration Building in January 1999. The study reveals that the thermal comfort needs could have been better met. It also indicates that further energy savings may be achieved by better HVAC controls, better use of the day/ artificial lighting and better housekeeping on equipment use on the part of the occupants.

The University has recently set up an Energy Task Force, chaired by the University Bursar, Mr. Terence Chan, and drawing its members from the Estate Management Office and the Architecture Department, to tackle the issue of the efficient use of energy and enhance the occupants' comfort. The action plan

includes a program to raise the awareness of students and staff for their contribution to energy savings, contracting-out energy efficient services and upgrading existing services. (SS98075)

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**Natural Ventilation, as a Passive Cooling Design Strategy, is appropriate for the High Rise, High Density Context of Hong Kong – a Case Study at Verbena Height, Tseung Kwan O**

- ✍ HO Hin Ming • CHAN Daniel Ping Cheung • LIAO Zaiyi • TSANG Remus\*
- ☐ 1 November 1998
- ❖ CUHK Research Committee Funding

Hong Kong is unique for its high rise, high density solutions to its housing problems, this results in difficulties in achieving building configurations and block layouts that allow permeability of air movement across the apartments. However, natural ventilation as a passive cooling strategy has been successfully adopted in many building designs especially in low density, non-urban sites. Its success depends on the diurnal wind direction and speed, the permeability of the building configuration, aperture design and the ambient conditions. However in the context of high rise, high density urban sites of Hong Kong, the success of such a strategy has remained to be proved particularly in mass housing. With the hot and humid climate of Hong Kong, a large percentage of our population has resorted to prolonged use of air-conditioning in lowering air temperatures and dehumidification.

Verbena Height, a recently completed high rise public sector housing development at Tseung Kwan O, has incorporated energy efficient considerations such as natural ventilation, solar protection, daylighting into the design strategies. Its linear instead of cruciform, orientation of the block, three-storey high apertures at front to back alternative levels and window design are specifically designed to take advantages of the natural ventilation principles. Results from computer simulations also vindicate that the design may induce air movement inside the apartments to enhance the thermal comfort of the occupants. This project aims to evaluate performance attributed by natural ventilation and assess its potential energy saving. The viability of the natural ventilation technology and its appropriateness in the high density context of Hong Kong will also be studied in details. (SS98007)

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**A Preliminary Study on Thermal Function of Ivy-Coverings on Buildings**

- ✍ HO Hin Ming • LIAO Zaiyi
- ☐ 1 May 1999

❖ CUHK Research Committee Funding

Besides its pleasant visual features, ivy-coverings on buildings also play an important role in improving the thermal performance of the buildings. Up to 30% energy saving is found to be achievable via integrating ivy-coverings with buildings in the early research. Unlike traditional building materials, ivy absorbs solar radiation without significantly increasing its temperature resulting in much less heat transfers to the interior. This is due to 70% of the solar radiation absorbed is consumed for photosynthesis, a process that converts solar energy into biological energy. Therefore the building covered with ivies will absorb and transmit much less solar energy on the external walls resulting in a reduced cooling load. Although ivy-coverings can be easily found in some low-rise buildings in Hong Kong and southern China, however very few research in utilizing ivy-coverings to improve thermal performance of buildings have been carried out. This study aims to provide an overview on the planting of ivy, structural implication, maintenance and the optimum performance. The study will start with a systematic desktop investigation on the existing ivy-coverings on buildings in Hong Kong and Guangdong with a focus on covering types and planting concerns. Then a building with ivy-covered walls in Hong Kong will be selected for a short-term monitoring to assess its thermal performance. A similar building (or part of the same building) without ivy-coverings will be monitored simultaneously for comparison. Ivy-coverings not only harness energy conservation but also improve the ecosystem in buildings, therefore this study would contribute to ecological building technology. (EE98036)

**Developing Passive Environmental Strategy Guidelines and Design Parameters for Energy Efficient Architecture and Sustainability in Hong Kong – Particular Research and Application to Hong Kong Public Housing and Public Sector Buildings**

- ✉ LIM Wan Fung Bernard • LEUNG Man Kit\*
- ☐ 1 October 1998
- ❖ CUHK Research Committee Funding

The need for energy efficient architecture has been more and more recognized in Hong Kong by the Government, professionals, developers and legislators in the recent years. The set-up of the Energy Advisory Committee, introduction of control mechanisms through the Building (Energy Efficiency) Regulations in 1995, voluntary implementation of the Building Energy Codes in 1998, and Energy Efficiency Building Awards 1994/97 have been conscious starting efforts by the Government and the Industry towards a sustainable city. Buildings can be

designed to be low-energy, and most effectively through a set of passive environmental strategy and integrated designs; however, such guidelines in the local context under a hot-humid sub-tropical climate have yet to be examined in detail and developed. Public sector architecture should be cost effective and constitutes more than half of the local construction output today, and may provide the lead in the energy efficient design parameters development. The goal of this research is to develop integrated climate-responsive design parameters, with particular applications to the public housing and public sector architecture in Hong Kong. (SS98008)

**Designing Hong Kong 1999 – Urban Renewal of Wanchai**

- ✉ LIM Wan Fung Bernard • SIDENER Jack Tyler • LIU Louise\*
- ☐ 1 January 1999
- ❖ Designing Hong Kong Organizing Committee

Designing Hong Kong is a meeting of the minds, a multidisciplinary collaboration of professionals and the public to develop innovative, workable plans - and a more accessible planning process - for Hong Kong's urban environment. Designing Hong Kong aims to improve the city's quality of life, to transform both our city and the process that shapes it. The multidisciplinary collaboration of Designing Hong Kong allows for the exploration of new and workable relationships among businesses, professionals, students and the citizens of Hong Kong. Facing the new millennium, Hong Kong has to grasp the opportunity to look for and engage a wide variety of perspectives in addressing the challenges, physical, political and social that affect our environment. This, the second Designing Hong Kong event is again, a call to all professionals and laymen with an interest and drive, to face these challenges in the new millennium. Maintaining our focus on the urban renewal process, the task site chosen for investigation this year is Wanchai, which captures a quality of being "Hong Kong": the street market, the vibrant street life, neighborhood space... How can the current renewal plans and intentions contribute to this uniqueness of Wanchai whilst improving the physical condition? (SS98077)

**Contract Administration Seminar Series – Professional Practice Education for Architects and Students/Graduate of Architecture**

- ✉ LIM Wan Fung Bernard
- ☐ 1 June 1999
- ❖ Hong Kong Institute of Architects



Case sample studies and presentation to promote discussions among HKIA members through exchanging case experience in contract administration in Hong Kong; the project provides the research, documentation and continuing education programme to update architects, students and graduates of architecture on latest contract cases and development in the field of contract administration. (SS98074)

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**Development of Models for Teaching Structural Principles in Architecture**

✉ LONNMAN Bruce Eric

□ 1 March 1999

❖ CUHK Research Committee Funding

A fundamental shift in the way structural technology is taught in schools of architecture has been underway in this decade. The methodology of this new approach embraces modeling; both *physical* small and full scale model studies, and *digital* or computer simulation model studies. The Structural Models and Design Lab, a type of design studio and structures lab combined into one, will replace the lecture hall as the principal location for structural teaching. In support of the learning activities of the Structural Models and Design Lab, research is desirable to develop appropriate and useful model studies from which principles of structural behavior might be better visualized and understood. The development of teaching tools in the form of models for visualizing structural behavior is the objective of this research. These visualization models fall into two groups: demonstration and interactive. Demonstration models have a long history in lab teaching. They are carefully designed setups to effectively and efficiently isolate structural behaviors and make them visible to groups of students. Interactive models are user engaging and allow for the discovery of structural principles through problem solving. Most examples of the latter are computerized and the former, physical.

The types of models that would be created fall into both groups. For example, demonstration models can help students visualize certain abstract concepts such as "moment of inertia". This might be accomplished through the use of analog materials which exaggerate slight changes in structural form under loading. Computer models would be developed to reveal the overall response of a building's structure to varying parameters, such as loading, member sizes, and connection details. The development of these models for teaching students about structures is the goal of this research.

(ED98031)

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**China Housing Standard Research**

✉ LUI Chun Wan Alex • TSOU Jin Yeu

□ 15 October 1998

❖ CUHK Research Committee Funding

This research study intends to investigate the quality of housing in China and explore the new possibilities brought about by the introduction of the lift systems to housing blocks. In order to fully exploit the full advantage, it is necessary to examine the housing design from a new approach, an approach which would allow the buildings to reach greater heights, afford greater design flexibilities and provide higher quality of living to the residents. It would also warrant new unit layouts, new building types new structural systems, new construction methods and to be serviced by adequate electrical and mechanical building services systems.

This study intends to look into the current housing needs in China in a generic manner, and to develop a limited number of new prototypes of housing block design. Each of these prototypes is examined in depth in the following aspects: the livability of the units, the structural stability and efficiency, the possibilities in the improvements of the internal living environment including the lighting and ventilation, heating and cooling, sun penetration, health and sanitation. The research work was conducted with the support and guidance from the Ministry of Construction, PRC, and Hong Kong SAR Government Housing Department, Works Branch. The prototypes design is documented in this design report and was presented to the Ministry in Dec., 1998, with a view for adoption in China's housing programme.

(SS98010)

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**Teaching Industrial Processes in Architecture**

✉ MARTINEZ-PRADO Gladys

□ 30 April 1999

❖ CUHK Research Committee Funding

- (1) To expand understanding, knowledge and motivation in designing with materials. The Industrial Centre with its history of training in manufacturing industry, and with a unique concentration of facilities, provides the opportunity for students to better understand a wide range of industrial processes, i.e. foundry, laser technology, machining, plastics, photochemical etching, rapid prototyping, surface treatments etc.
- (2) To Introduce precision engineering in the training of architecture as a design approach which deals with the realities of construction.
- (3) To widen the collaboration with the Industrial Centre, establishing an ongoing programme of cross pollination of ideas and practical development.

- (4) To disseminate the findings of the training experience through an exhibition of final design commissions.

The intimate knowledge of materials, understanding their qualities and their transformation processes derived from manufacturing, where the tactile, experiential approach of the designer is real, is an area that few schools of architecture deal with to a significant degree. This state of affairs is mostly related to the fact that access to workshops is generally limited to woodwork, metalwork or both, with facilities which are mostly dedicated to didactic objectives, not as a direct involvement with the demands and wider application of industry. (SS98026)

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#### Comparative Density Study - Exhibition

- ✍ SIDENER Jack Tyler
- ☐ 1 September 1998
- ❖ Hong Kong Institute of Architecture

This project was to prepare an exhibit of work done by the researcher illustrating residential areas to similar scale, and analyzing their densities. (SS98072)

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#### Designing Hong Kong - Exhibition

- ✍ SIDENER Jack Tyler
- ☐ 1 September 1998
- ❖ Swire Properties, Motorola, Billion Services Ltd., John Leung Studio

This project is a public service project, in which the investigator is a facilitator for community-based design. It results in an exhibition in a public venue. (SS98079)

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#### Architectural Implications of the Right-of-Abode Issue

- ✍ SIDENER Jack Tyler • LIU Louise Pai Hui • LAO TAM Antonio • CHAN Freeman Kaye • LUI Chun Wan Alex
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

This study will result in action proposals for architectural solutions to the expected population bulge. Over 500,000 individuals, a large proportion of them children of single-parent Hong Kong households, may enter Hong Kong over the next few years. Early indications are that this will require a large numbers of temporary and permanent housing units, school facilities, and other forms of built accommodation. In the course of this study, the ability of existing stocks of housing and schools to absorb new numbers will be examined, and alternates for

accommodation proposed. Such options may include integration of rapidly-erected housing units onto unused podiums or into vacant flatted factories, erection of converted containers as housing on urban infill sites; similar solutions for school space will be proposed. (SS98053)

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#### Campus Plan Study

- ✍ SIDENER Jack Tyler • LIU Louise\* • FONG Gordon
- ☐ 1 May 1999
- ❖ CUHK Campus Development Office

Analysis of space and environmental needs, issues and constraints on the CUHK campus, to result in a campus zoning plan and design guidelines. Includes specific studies such as color selection for buildings. (SS98068)

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#### Computer Simulation for Architectural Design

- ✍ TSOU Jin Yeu • LIM Wan Fung Bernard • LONNMAN Bruce Eric • KAN Wai Tak Jeff • LIAO Zaiyi • CHOW Ka Ming
- ☐ 11 May 1999
- ❖ China Light and Power Company, Limited

The objective of this project is to apply advanced computer simulation techniques - such as virtual reality and building performance analysis - to improve the architectural design of electricity substations. The researchers aim to develop an innovative prototype that is adaptable to a variety of building sites in the near future (approximately 2003-2004).

An important part of this project will be technology transfer from the Chinese University of Hong Kong (CUHK) to the China Light & Power Co. Ltd. (CLP), in the form of simulation training and documentation. A multidisciplinary expert group composed of CUHK faculty and CLP professionals will provide integrated thinking on computer simulation, analysis, and prototype development. The research team will develop and apply specialized information technologies and simulation skills to assess the substation design in a comprehensive manner. (SS98059C)

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#### Computer Visualization of Electricity Substation Architecture at Lee On

- ✍ TSOU Jin Yeu • HALL Theodore Wayne • KAN Wai Tak Jeff • CHOW Ka Ming • LO Man Chiu# • SIU Chun Hung
- ☐ 11 May 1999
- ❖ China Light and Power Company, Limited

The objective of this project is to apply computer visualization techniques to the architectural design of the proposed electricity substation at Lee On. The product will be a set of presentation materials for use by the China Light & Power Co. Ltd. (CLP) to explain the design to residents of the Lee On Estate. The duration of this project is four weeks. Computer technology provides the means to accurately project a proposed design into an existing neighborhood. The Lee On substation serves as a case study for exercising this technology in a real-world setting, beyond the confines of the laboratory and classroom. For CLP, this project provides access to visualization techniques at the forefront of computer-aided architectural design that are not yet common in practice. For the Chinese University of Hong Kong (CUHK), this enhances the teaching and ultimately the professional practice of these techniques. Through their research experience with CLP during the past three years, the researchers have become familiar with several existing substations, including Tsz Wan Shan, Yau Ma Tei, and Harbour City B. In particular, they have completed an extensive computer visualization of Harbour City B, including digital photography, QuickTime VR panoramas, and photo montage to simulate alternative conditions. These techniques are directly applicable to studying the visual impact of the proposed substation at Lee On. (SS98060C)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1996-97	Parametric Objects for Form Exploration Using CAAD (LA96001) ✍ BERTIN Vito Daniel
1997-98	Integrated Media Design Studio (EE97023) ✍ BERTIN Vito Daniel • GU Daqing • LAO TAM Antonio • TSOU Jin Yeu • LEE Tunney Fee
1997-98	CUHK Bus Shelters - A Prototype (SS97065) ✍ CHAN Freeman Kaye
1997-98	CUHK Student Plaza Proposal (SS97066) ✍ CHAN Freeman Kaye
1997-98	Rain Pavilion for New Asia College, CUHK (SS97067) ✍ CHAN Freeman Kaye

1997-98	Urban Conservation of Sun Wen Street West, Old Town of ZhongShan, PRC (SS97071) ✍ CHANG Ping Hung • HE Xiao-yang* • FUNG Min*
1995-96	Exporting American Architecture (LA95002) ✍ CODY Jeffrey William
1995-96	The Development of a Courseware on Visual Study in Architecture Using Multimedia Technology (ED95024) ✍ GU Daqing • KAN Wai Tak Jeff
1996-97	The Problem-based Learning and the Design Studio - A Comparative Study (LA96008) ✍ GU Daqing
1997-98	Hong Kong, a Moment of Transition - An Atlas Critic, Work in Progress 1998 (LA97002) ✍ GUTIERREZ Laurent
1996-97	Cargo Handling Buildings/Systems in Hong Kong (LA96009) ✍ HAUGHTON Stephen Michael
1997-98	Potential of Solar Water Heating in Hong Kong - A Field Trial (SS97038) ✍ HO Hin Ming • CHAN Daniel Ping Cheung
1997-98	The Meaning of Vernacular Environment: Culture and Architecture in Four Chinese Villages (CU97221) ✍ HO Puay Peng • CHEUNG Chin Hung Sidney (Anthropology) • ZHU Guangya*
1997-98	A Significant Architectural Element of China (LA97003) ✍ HO Puay Peng • LEE Chung Nung#
1997-98	Housing Development in Shenzhen (AL97070) ✍ LAO TAM Antonio • BELL Michael*
1997-98	Advance Integrated Design and Manufacturing of Metal Cladding for Steel Construction (AL97020) ✍ LAO TAM Antonio
1997-98	A Hands-on Approach in Teaching Design and Building Technology in Architecture (ED97002) ✍ LEE Tunney Fee • GU Daqing • BERTIN Vito Daniel • LAO TAM

	Antonio • HOOSEN Mohamed Iqbal#	1996-97	Virtual Simulation Environment for Supporting Collaborative Architectural Design (CU96213) ✍ TSOU Jin Yeu • HALL Theodore Wayne • KAN Wai Tak Jeff • LI Andrew I-kang
1996-97	<i>The Rule-based Wood Frame Construction System of the Yingzao fashi</i> (CU96215) ✍ LI Andrew I-kang • TSOU Jin Yeu		
1997-98	Advanced Studies on the Technology of Glass as a Structural Material in Architecture (LA97004) ✍ MARTINEZ-PRADO Gladys	1997-98	China Housing Energy Research Project (EE97016) ✍ TSOU Jin Yeu • LIAO Zaiyi • PRAYOONHONG Chutiman#
1997-98	Industrial Processes in Architecture (EE97024) ✍ MARTINEZ-PRADO Gladys	1997-98	Case Studies and CFD Model Establishment for Airducts (LA97005) ✍ TSOU Jin Yeu • ZHU Yimin
1997-98	Amphibian Structures (SS97072) ✍ MARTINEZ-PRADO Gladys		

## RESEARCH OUTPUTS AND PUBLICATIONS

- <P980777> **Cody, Jeffrey W.** "Private Hands and Public Gloves: Options for Globalizing US Planners, 1945-75". *Proceedings of the 8th International Planning History Conference: 20th Century Urban Planning Experience* ed. by Robert Freestone. pp.95-100. Australia: University of New South Wales, 1998.07.
- <P981348> **Ho, Puay Peng.** "Monumental Innovation: The Architecture of Longxingsi". Paper presented in the International Conference on Chinese Architectural History I, organized by the Qinghua University. pp.74-97. Beijing, China, 1998.08.18.
- <P982703> **Ansel, Fabien Ansel and Jeffrey Cody.** "From the Building to the City; From France to Asia". *Hinge* vol.46. Hong Kong, 1998.
- <P983151> **Sidener, Jack; Gordon Fong; Ma Ka Man and Sophia Yeung.** *Campus Planning: Studies and Opportunities, The Chinese University of Hong Kong* 145 pgs. Hong Kong, 1998.09.
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- <P983237> **Lui, Alex; Tunney Lee; Tsou Jin Yeu; Zou Ying; Louise Liu; Chow Man Cheong; Yannie Li; Daniel Chan; Tim Nutt; T.Y. Ho; J.S. Kuang and Shui on Construction and Materials Ltd.** *Working Paper for Meeting with Ministry of Construction, People's Republic of China* 48 pgs. . 1998.12.18.
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- <P984158> **Sidener, Jack.** "Listening to the Residents: CUHK's Participatory Workshops". *Hinge* vol.50, pp.28-30. Hong Kong, 1998.11.

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- <P990027> **Sidener, Jack.** <到底有多密集?>. 《空間》 第 1 期, 138-143 頁. 香港, 1999.01.
- <P990185> **Cody, Jeffrey.** "Columbia Circle - An Obscured Shanghai Suburb, 1928-1932". *Dialogue: Architecture+Design+Culture* vol.23, pp.130-135. Taipei, Taiwan, 1999.02.
- <P990186> **Cody, Jeffrey W.** "Integrity *in situ*: Power of Place Related to Preservation Practice in Hong Kong". *Proceedings of Multiple Views, Multiple Meanings: A Critical Look at Integrity Conference* p.14. Baltimore, USA: National Council of Preservation Education (USA), National Park Service (USA), 1999.03.
- <P990513> **Lui, Alex C.W.; The Hong Kong Institute of Architects; The Hong Kong Institute of Engineers; The Hong Kong Institute of Surveyors; The Hong Kong Institute of Planners and The Hong Kong Institute of Landscape Architects.** "Professional Report Alternative Proposal for Green Island Reclamation". *Hong Kong Institute of Architects* ed. by Alex C.W.Lui and Hong Kong Institute of Architects. 11 pgs. Hong Kong, 1999.05.
- <P990518> **Lui, Alex C.W.; Hong Kong Institute of Architect; Hong Kong Institute of Engineers and Hong Kong Institute of Surveyors.** "Professional Report 'Alternative South East Kowloon Reclamation Proposal'". *Hong Kong Institute of Architects Publication* ed. by Alex C.W. Lui and Hong Kong Institute of Architect. 12 pgs. Hong Kong, 1999.03.
- <P990597> **Peters, Tom F.** "Peter Zumthor Works: Buildings and Projects 1979-1997". *Architecture Research Quarterly, ARQ*, vol.3 no.1, pp.91-92. Cambridge, UK: Cambridge University Press, 1999.05.
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- <P991871> **Chan, Freeman.** "The Housing Co-Operative: A Model for Hong Kong". *Open House International* vol.24 no.2, pp.18-26. UK, 1999.06.
- <P992102> **Sidener, Jack T.** "Megadesign with People in Mind". Paper presented in the Conference on the Future of Infrastructure: Building on the Hong Kong Experience, organized by the British Council. Hong Kong, 1999.05.13.
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- <P992108> **Sidener, Jack T.** "Exhibition: 'Wanchai: Past, Present, Future'(Designing Hong Kong)". Hong Kong, 1999.05.
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- <P992229> **Peters, Tom F.** "Teknologisk Taenkning i Arkitektur". *EDIT 9. Kunstakademiets Arkiteskoles Maanedsmagasinet* vol.9, pp.20-25. Copenhagen, 1999.02.
- <P992230> **Peters, Tom F.** "Structure and Architecture. Frames in Chicago". *Space. (Hong Kong)* vol.6, pp.142-147. 1999.06.
- <P992332> **Sidener, Jack T.; Louise Liu and Emily Vun.** "Design Strategies for Improving Livability for Transitioning Communities". p.19. Department of Architecture, The Chinese University of Hong Kong, 1999.06.
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see also <P991671>

## RESEARCH PROJECTS

### **TRIMs, TREMs, and Development Strategy: Applications to China's Foreign-Investment Policy**

- ✉ CHAO Chi Chur
- ☐ 1 August 1998
- ❖ Research Grants Council

Economists generally hold the view that the inflow of foreign capital is likely to improve national welfare. Government interventions, under the generic heading of trade-related investment measures (TRIMs), are regarded as trade restrictive and distorting. On the other hand, environmentalists have raised concerns that inflows of foreign capital into pollution-intensive industries may result in environmental degradation and hence welfare deterioration. Trade-related environmental measures (TREM)s have been proposed. Better coordination in the use of TRIMs and TREMs is necessary for a successful trade reform. This project aims to scrutinize and delineate the linkages between foreign investment, the environment and welfare. A dynamic, general-equilibrium model will be developed to investigate these issues. The individual and joint policy reforms on TRIMs and TREMs under various trade regimes will be assessed, and the question whether "TRIMs and TREMs are trade restrictive and distorting" will be investigated. In addition, China's foreign investment policy and its regulations on TRIMs and TREMs will be studied. (CU98032)

### **Testing the null hypothesis of ARFIMA processes against the alternative of non-ARFIMA processes**

- ✉ CHONG Tai Leung
- ☐ 1 August 1998
- ❖ Research Grants Council

A time series process  $y_t$  is said to be integrated of order  $d$  if  $(1-L)^d y_t$  is stationary, where  $L$  is a lag operator such that  $Ly_t = Y_{t-1}$ . If  $d$  is a fraction between  $-1$  and  $1$ , then the process is said to be fractionally integrated. Most studies concerning the fractionally integrated autoregressive moving average model presume that the data generating process is fractionally integrated, and focus mainly on the estimation and hypothesis testing of the differencing parameter  $d$ . However, if the underlining data generating process is not fractionally integrated, then previous studies involved in the literature will give unreliable results and incorrect conclusions. Thus, the construction of a test which can distinguish the fractionally integrated processes from other time series processes is an important issue yet to be addressed in the literature. This project aims to develop a consistent test for the null hypothesis that

the data generating process is fractionally integrated against the alternative that it is not. Asymptotic and small-sample distribution of the test statistic will be derived. We will apply our test to the data set used in the previous studies to check if those observations are fractionally integrated. (CU98205)

### **Technological Gains and Trade Liberalization: An Empirical Analysis**

- ✉ KWAN Cheuk Chiu
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

There is an urgent need in trade policy to embark on a research program focused on the various aspects and conditions of technological gains from liberalization. Today, aside from agricultural goods and textiles there is little commodity trade left to liberalize. An increasing share of international exchanges are no longer in commodities but in knowledge and services. It is therefore urgent that we adapt theory to the new reality and articulate the conditions under which there may be technological, and other dynamic gains from liberalization of all forms of exchanges.

This research investigates the impact of openness and tariff reductions on the technical creativity of selected O.E.C.D. countries, as measured by foreign patenting in the United States. The research strategy is to show that even these simple forms of trade liberalization may, under certain conditions, favour technical creativity or inventiveness, the most advanced form of technological gain. If it is possible to show that even the most benign forms of trade liberalization have effects on a country's inventiveness, then it is highly likely that other, more direct forms in liberalization of the exchange of knowledge, will have a positive impact on a country's learning. For example, it would be immediately plausible that international technical cooperation between countries increases their respective capacity to innovate or augment productivity. (SS98027)

### **Price Volatility of Commercial and Residential Property**

- ✉ LEUNG Ka Yui Charles • KWONG Kai Sun Sunny
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

The property market is well known for its volatility. However, a feature of property price fluctuations that may have escaped notice is the difference in volatility between commercial property prices and residential property prices. The objective of this project is to

investigate whether the volatility of commercial property prices vis-a-vis residential property prices is higher, and whether it can be explained by economic theory. The present project will provide evidence as to whether commercial property prices are empirically more volatile than residential property prices. Theoretically, this project attempts to build models to explain why such phenomena would be observed. The cases of fixed and flexible supply will be considered separately.

Our results may be useful to policy debates. For instance, this project would help to identify the possible consequences for the government attempts to "stabilize" the property market and/or the stock market.

(SS98028)

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### **An Equivalent Result Between Competitive Equilibrium and Bertrand Equilibrium**

✉ LIU Chun Wah

☐ 1 December 1998

❖ CUHK Research Committee Funding

This project extends the Bertrand game with capacity constraint to a general equilibrium input-output setting. In contrast to the previous literature, in this generalized Bertrand game small capacity is no longer important for the existence of pure-strategy equilibrium in the case of efficient rationing. This project asks the following question: Is the equilibrium of such a general Bertrand game, if exists, still equivalent to the Walrasian equilibrium? If so, what is the specific condition for which this equivalence result holds?

The significance of this study lies in its theoretical implications. Many economic models and policy recommendations base their analyses upon the assumption that the market works closely as a Walrasian economy. However, in a Walrasian economy, all consumers and producers takes prices as exogenously given and nobody sets prices. It is difficult to justify this assumption without explaining how the competitive prices emerge. This project aims at providing an explanation for this puzzle and lays down the theoretical foundation of the price setting mechanism in a general equilibrium input-output framework.

(SS98012)

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### **The Determinants of Technical Change in Hong Kong and Singapore High-Tech Industries – A Comparative Study**

✉ TANG Sammy Hak Kan

☐ 1 October 1998

❖ CUHK Research Committee Funding

This project aims to use a generalized model of technical change to explain productivity growth in Hong Kong's manufacturing. In researchers' empirical implementation of the model, researchers estimate a system of factor demand equations derived from a generalized Leontief cost function with equations that reflect the market demand and market equilibrium conditions. The model enables us to generate estimates for the dual rate of technical change, the degree of returns to scale and a measure of competition for all the Hong Kong's manufacturing industries under study. The generalized model of technical change represents a significant improvement on the conventional productivity growth accounting approach since it does not require the unrealistic assumption of long-run equilibrium. Successful application of the model will provide the detailed information needed to design appropriate policies for boosting productivity growth performance in Hong Kong's manufacturing industries.

(SS98013)

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### **Growth Channels of human Capital: A Cross Country Study**

✉ WANG Yong • LI Hongyi (Decision Sciences and Managerial Eco)

☐ 1 March 1999

❖ CUHK Research Committee Funding

Human capital has long been thought as playing an important role in economic development and growth. There is little consensus, however, on the exact channels through which human capital influences the development process. Two views stand out in this regard. One contents with that human capital simply acts as another input in production and growth is primarily driven by the *accumulation* of human capital. The second view instead argues that human capital mainly affects growth through its impact on technical progress, as a higher *level* of human capital increases a country's ability to innovate and/or to adapt to the existing technologies. The main purpose of this project is to empirically test these two theories. We plan to address, among others, the following issues: The extent to which each of the above two growth channels of human capital is operative; what measure of human capital is important for which channel; the complementarity between human capital and physical capital; etc. To carry out our tests, we distinguish between two classes of human capital: basic human capital and advanced human capital. We conjecture that basic human capital affects growth through the input channel while advanced human capital through the technological progress channel. By constructing respective proxies for the two classes of human capital, we shall be able to test the relative importance of different kinds of human



capital and education for different growth channels at different stages of development.  
(SS98029)

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**A Housing Price Index in Hong Kong – A Repeated Sales Approach**

- ✉ WONG Ka Fu
- 1 March 1999
- ❖ CUHK Research Committee Funding

In this project, we will estimate the housing price index of Hong Kong's residential property market using a repeated sales approach. The repeated sales approach looks at the change in prices of the same housing unit over a period of time and thus allows us to control for the effect of housing characteristics on housing price trend when computing the housing price index.

Studies of Hong Kong's residential property market is of paramount importance because Hong Kong government has committed to formulate a long-term housing policy that meets the needs of Hong Kong people. Such studies on Hong Kong's residential property would provide useful information for developing government housing policy in the years to come. We contribute to the development of housing policy by providing a more accurate measure of the economy-wide housing price index in Hong Kong.  
(SS98030)

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**On Government Credit Programs**

- ✉ YIP Chong Kee • ESPINOSA Marco\* • SMITH Bruce\*
- 1 October 1998
- ❖ CUHK Research Committee Funding

In most economies, particularly in developing countries, the government intervenes in the financial system to a considerable extent. Government interventions in credit markets take a variety of forms, including directed credit programs, loan guarantees, interest rate controls or subsidies, and direct lending or rediscounting by the Central Bank (e.g., Turkey and Mexico). In this project, researchers analyse the macroeconomic consequences of direct government lending or rediscounting by the central bank, although their main results can also be applied to other large-scale government credit programs. The main motivation of such government programs has been to extend credit to rationed agents, and thereby promote investment, capital accumulation, and an increase in productivity. However, in practice government credit market interventions have often been viewed as counterproductive, reducing aggregate credit extension and interfering with capital investment. This research undertakes an analysis of the aggregate effects of large-scale government

lending programs or of the rediscounting of private lending by a central bank. Among other things, researchers focus on the long-run output consequences of such programs. They also consider the effects of such programs on equilibrium dynamics, and on the potential for the indeterminacy or multiplicity of equilibrium. This research has important timely policy implications for the governments and central banks in Southeast Asia (including Hong Kong) during the recent financial turbulence.  
(SS98014)

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**Ageing and Long-run Economic Growth: Theoretical and Empirical Analyses**

- ✉ ZHANG Junsen • ZHANG Jie\*
- 30 September 1998
- ❖ Research Grants Council

The past century has seen dramatic increases in life expectancy in all countries of the world. As mortality continues to decline from already low levels, however, most years of life are now gained at the older post-retirement ages. In industrial countries, longer life has gone with very low fertility, causing population ageing; and the economic consequences of further mortality decline may be quite different than was the case in the past. Longer life may motivate increased life cycle saving and thereby stimulate growth. However, there are also some potentially adverse effects on intergenerational transfers and investments, which might retard economic growth. Anticipated costs of consumption in longer old age may also lead young adults to reduce their fertility, which would exacerbate population ageing. In the popular press, there are growing concerns about the impacts of ageing on the provision of old-age social security in particular and on the economy in general. The purpose of this project is to explore the interactions of these consequences of continuing mortality decline in populations with or without actuarially fair annuity markets. We plan to conduct the research in this project in three stages: Theoretical Modelling and Analysis, Simulation Study of Transitional Dynamics and Long-run Equilibria, and Empirical Analysis.  
(CU98027)

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**Labour Market Impact of the “Right of Abode” Issue**

- ✉ ZHANG Junsen • LIU Pak Wai • CHONG Tai Leung • LEUNG Ka Yui Charles
- 1 March 1999
- ❖ CUHK Research Committee Funding

This project will examine the impacts of the Right-of-Abode issue on the labour market with particular

attention to wages, unemployment, comprehensive social security assistance, ageing, social safety and so on. Some policy suggestions will be made. (SS98054)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

Edition      Title/Investigators

1997-98      Generic Consistency of the Break-point Estimator under Specification Errors (CU97212)  
 ㄟ CHONG Tai Leung

1996-97      Government Expenditure Financing and Economic Growth: International Evidence (SS96004)  
 ㄟ KWAN Cheuk Chiu

1997-98      The Total Factor Productivity of the Service Sectors in Hong Kong - An Empirical Analysis (CU97243)  
 ㄟ KWONG Kai Sun Sunny

1997-98      Output Collapse in Transition Economies (SS97005)  
 ㄟ LIU Chun Wah

1997-98      Money and Credit with Private Information (SS97040)  
 ㄟ WANG Yong • ZHOU Hanqing\*

1997-98      Variability in the Effects of Monetary Policy on Economic Activity (SS97007)  
 ㄟ WONG Ka Fu

1997-98      The Interdependence of Housing Prices in Hong Kong - A Spatial Hedonic Price Model (SS97041)  
 ㄟ WONG Ka Fu • MOK Man Kwong Henry (Decision Sciences and Managerial Eco) • WANG Youqiang

1997-98      Computability, Rationality, Equilibrium (SS97042)  
 ㄟ WONG Kam Chau

1997-98      The Impact of Economic Reform on Gender Wage Differentials in China (SS97008)  
 ㄟ ZHANG Junsen

## RESEARCH OUTPUTS AND PUBLICATIONS

<IA98019>      **Liu, Pak Wai.** "The Asian Financial Crisis and After: Problems and Challenges for the Hong Kong Economy". *Occasional Paper No. 89, Hong Kong Institute of Asia-Pacific Studies, CUHK* 32 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1998.12.

<IA99011>      **Liu, Pak Wai.** "One Year into the Asian Financial Crisis: The Pros and Cons of Maintaining the Linked Exchange Rate". *Occasional Paper No.95, Hong Kong Institute of Asia-Pacific Studies, CUHK* 36 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1999.06.

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<P983424>      魏濤遠、李強、薛天棟。〈部門成長與國民經濟〉。《中國經濟發展部門分析 - 兼新編可比價投入產出》李強、薛天棟編。頁 3-32。北京：中國統計出版社，1998.12。

- <P983425> 齊舒暢、曹傑、李強、薛天棟。〈中國產業結構變化分析〉。《中國經濟發展部門分析 - 兼新編可比價投入產出》李強、薛天棟編。頁 33-43。北京: 中國統計出版社, 1998.12.
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see also <P983433>

## RESEARCH PROJECTS

### Impacts of Global Climate Change and Regional Land-Use Alteration on Water Resources in the Dongjiang (East River) Basin

✉ CHEN Yongqin David • CHENG Shouquan# • FUNG Tung • LAM Kin Che • LEUNG Yee • CHEN Junhe\*

☐ 1 September 1998

❖ Research Grants Council

Water resources of the Dongjiang (East River) basin have provided tremendous benefits to the economic success and prosperity of regions including Hong Kong. The proposed research will investigate the potential changes in surface runoff and soil moisture in the Dongjiang basin, on various temporal scales (daily, monthly, seasonal, and annual), due to atmospheric CO<sub>2</sub>-induced global warming and typical regional land-use alteration resulting from urbanization and reforestation. Watershed hydrologic modeling and climatic water budget calculation are the two approaches to evaluating hydrologic regimes under the current and future climatic and land-use conditions. The Hydrologic Simulation Program - FORTRAN (HSPF) and the Thornthwaite water balance will be tested and applied for major tributary basins and two selected small watersheds in the Dongjiang basin. A range of climate-change scenarios will be prescribed hypothetically and derived from state-of-the-art general circulation models (GCMs). Spatial analysis techniques such as satellite image processing and geographic information systems (GIS) will be employed for watershed characterization and segmentation in support of hydrologic modeling and assessment. Modeling results of various hydrologic variables will be statistically evaluated to demonstrate the capabilities and limitations of the combined use of climate and hydrologic models, as well as to highlight the regional vulnerabilities. This study will not only contribute to our knowledge about the hydrologic responses of a subtropical basin to global warming, but also has enormous significance for the planning, allocation, and management of Dongjiang water resources. (CU98188)

### Integration of Landsat TM and Census Data for Assessing Environmental Quality

✉ FUNG Tung

☐ 1 March 1999

❖ CUHK Research Committee Funding

This study aims at integrating Landsat TM and census data to assess the changing environmental

quality in Hong Kong. More specifically, the objectives are:

- (1) To derive suitable measures for integrating spectral indices derived from Landsat TM data with census data at tertiary planning unit (TPU) level. The measures derived should reveal the proportion of green space and diversity within green space.
- (2) To examine the relationship among spectral measures derived in (1) and socioeconomic factors extracted from selected census variables.
- (3) To trace the temporal changes in these measures as indicator of environmental quality in Hong Kong. (SS98033)

### Critical Analysis of the Model "Eco-Village" Scheme of the Three Gorges Project: A Pilot Study

✉ LAM Kin Che

☐ 1 March 1999

❖ CUHK Research Committee Funding

This is a pilot study of a larger research project to be undertaken in The Three Gorges Area investigating the appropriateness of the model "Eco.Village" for large scale adoption elsewhere. The pilot study will investigate whether stone terracing, as used in the model, is appropriate, basic needs of the people are met, and development is sustainable. The pilot study will help collect basic information and, refine the research agenda, for the large project. (SS98034)

### Geographic Information Acquisition, Analysis & Application

✉ LIN Hui • AU Yuk Fai Kevin (International Business) • CHEN Yongqin David • LAM Chi Chung (Curriculum & Instruction) • LEE Yiu Bun (Information Engineering) • LI Duan (Systems Engineering & Engin. Managem) • LIEW Soung Chang (Information Engineering) • LU Qin (Computer Science and Engineering)# • SHEN Jianfa • TONG Fuk Kay Franklin (Information Engineering) • TSOU Jin Yeu (Architecture) • TUAN Chyau (Decision Sciences and Managerial Eco) • XU Yangsheng (Mechanical and Automation Engineerin) • ZOU Jun (Mathematics)

☐ 1 July 1998

❖ CUHK Strategic Research Program

Geographic information service has become a very important part of the infrastructure of the "information super highway" for our society. It involves fast geographic information acquisition, timely and accurate geographic information analysis,

and efficient geographic information application. This kind of service will greatly improve the quality of resource management and environmental monitoring and ensure timely responses to emergent problems.

This strategic research program consists of 11 projects related to space and airborne remote sensing application on land use and environmental monitoring, Internet GIS-based data management and analysis, and mathematical modeling on land surface stability.

(PS98001)

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**A Joint Experiment on the L-SAR All-Weather Remote Sensing System for Landslide Monitoring in Hong Kong Region**

✉ LIN Hui • GUO Huadong\* • SHAO Yun\* • CHEN Yongqin David • WANG Changling\*

☐ 1 November 1998

❖ Research Grants Council

Remote sensing and geographic information systems (GIS) have numerous advantages over the traditional techniques for landslide monitoring and modeling. For the Hong Kong region, where cloudy and rainy weather is very common throughout the year, microwave sensors being active remote sensors, have the advantage of detecting the ground. Synthetic Aperture Radar (SAR) is an active sensor that transmits electromagnetic waves in the microwave portion of the spectrum and receives the backscatter from targets. The SAR sensor can observe the Earth from sky and space without being affected by weather and illumination conditions and it can thus guarantee data acquisition. In this study, we plan to take the airborne radar system L-SAR EOS as an operational platform flying over Hong Kong. The research team will test the SAR system developed in China. Landslide monitoring, as a major application, will be carried out to demonstrate the capabilities and advantages of the SAR system. A new method is expected for updating Hong Kong's GIS-based slope management system with digital (remote sensing) data in all weathers.

(CU98334)

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**Airborne Remote Sensing for Developing Hong Kong Spatial Data Infrastructure**

✉ LIN Hui • GUO Huadong\* • SHAO Yun\* • CHEN Yongqin David • SUN Hanqiu (Computer Science and Engineering) • ZHOU Qiming\* • ZHOU Chenghu\*

☐ 1 January 1999

❖ Industrial Support Fund, Industry & Technology Development Council

This project will conduct a series of airborne remote sensing, with supplementary data from other sources such as satellite remote sensors, for developing HKSDI. Remote sensing data are raw information gathered by sensors installed on various platforms from which a vast amount of information useful to many industrial, government and other public sectors can be extracted.

The project will be undertaken by the JLGIS of the Chinese University that is managed by researchers with extensive experience in remote sensing and GIS. It will deliver within 24 months the following deliverables:

- (1) Internet-based Hong Kong spatial data resources, consisting of satellite imagery (low earth orbit) and airborne remote sensing imagery;
- (2) Internet based thematic maps and technical reports;
- (3) software packages for remote sensing image analysis and for public information service.

(EE98050C)

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**Service on Providing Information on the Suitability of South Lamma, Tung Lung Chau and Po Toi to be established as Country Park**

✉ NG Sai Leung • AU Pui Sze • CHAN Kit Ying • LEUNG Hoi Gok • YU Shu Pan • YUEN Siu Man

☐ 15 March 1999

❖ Agriculture & Fisheries Department

For a better conservation and management of the unspoiled countryside of Hong Kong, Country Parks Authority was formed in 1976 to designate park areas, to protect the vegetation and wildlife and, where appropriate, to provide recreational and educational facilities. In 1993, Since then more than 41,000 hectares have been designated as 23 Country Parks. In 1993, the Territorial Development Strategy Review has further identified 14 potential sites for possible designation to be a Country Park or Special Area. The prime purpose of the present service is to provide information on the three of these 14 potential sites, namely, South Lamma, Tung Lung Chau and Po Toi Island Group in order that the suitability of these potential sites for country park designation can be assessed. Such key intention is translated into three folded objectives as listed below:

- (1) to identify, describe and delineate areas of conservation importance of these sites;
- (2) to evaluate the landscape quality of these sites; and
- (3) to assess the recreation potential of these sites.

(SS98063)

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**Urbanization and Development in China: Processes, Problems and Opportunities**

✉ SHEN Jianfa

□ 1 May 1999

❖ CUHK Research Committee Funding

After nearly three decades of under urbanization in China, the urbanization process in China has no doubt accelerated since the late 1970s. Urbanization of China with the largest population in the world brings tremendous development opportunities for peoples, skilled and unskilled, and business, domestic or international.

On the other hand, recent experience of urbanization in China and the developing world points to potentially huge socio-economic and urban problems, such as urban poverty, disorder and chaos. There have been a rich literature on the problems of overurbanization, urban housing, urban unemployment and urban poverty in the third world. Does China now move toward overurbanization? Are urban problems necessary evil of third world urbanization? What are the main similarities and differences between Chinese urbanization and other third world countries? There have been quite a lot of empirical studies on China's recent trends in urbanization and policy changes. But there has been little conceptual and theoretical explorations about the urbanization processes in China.

This project will focus on two main issues identified above. First, empirical studies will attempt to identify development opportunities in urban China using a spatial analytic approach. A comprehensive analysis of Chinese cities and county-level units will be carried using recent census and statistical data. Second, conceptual studies on the process of Chinese urbanization and its relation with national and regional development will be carried out building on the recent experience of urbanization inside and outside China.

(SS98035)

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**Urbanization and Governance in Zhujiang Delta: Analysis and Policy Implications**

✉ WONG Kwan Yiu • CHU David Kim Yee • SHEN Jianfa

□ 1 October 1998

❖ Research Grants Council

The Zhujiang Delta region has experienced astonishing growth in recent decades and such development is, in many ways, closely related with that of Hong Kong. In fact, the interaction between the two places is perceived to be so strong that in the Territorial Development Strategies Review 1996 of the Hong Kong Government, it was indicated that developments in the Zhujiang Delta and the Guangdong Province must be taken into consideration in formulating Hong Kong's future development strategies.

The pace of the development in the Zhujiang Delta, as reflected in increase in population, value of

production and GDP, is so fast that it is often beyond the expectation of the outside world and even the planners. The increasing interaction and integration with Hong Kong is equally obvious, particularly after the return of sovereignty of Hong Kong to China on July 1, 1997. What emerges will be issues and concerns of effective governance and sustainability that will affect the achievement of orderly development in the region, both socially and economically. Hong Kong and Zhujiang Delta will also face increasing competition from other regions such as Changjiang Delta led by Shanghai and also from neighbouring countries. This research will use both modelling and qualitative approaches to analyze the process of development and urbanization in the region and to propose policy recommendations for the orderly development of this emerging world-class metropolitan area.

(CU98017)

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**Urban Poverty Alleviation in Pacific Asia**

✉ YEUNG Yue Man

□ 15 September 1998

❖ The World Bank

The study examines the empirical experience of how countries in east and Southeast Asia deal with the problem of urban poverty as urbanization and globalization strongly impact the region at the close of the 20th century. A review of the urban poverty situation is followed by a survey of poverty alleviation measures. Government policy choices are also discussed. The study will input World Development Report 2000, a major annual publication of the World Bank.

(SS98050)

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**Urban Population Dynamics**

✉ YEUNG Yue Man • Richard Stren\* • Charles Becker\*

□ 1 June 1999

❖ US National Research Council

This is a specially constituted Panel on Urban Population Dynamics under the Committee on Population, with the mandate to:

- (1) Document current and emerging patterns of urban population growth in developing countries;
- (2) Review what is known about the basic demographic relations;
- (3) Review what is known about the likely implications of urban growth;
- (4) Assess the likely implications of future urban growth for the delivery of reproductive health services; and



(5) Assess the consequences of urban growth for urban labour markets.  
(SS98064)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1996-97	Hyperspectral Measurement of Typical Surface Covers in Hong Kong (CU96223) ✍ FUNG Tung • GONG Peng* • LIN Hui
1995-96	Prediction and Reality: Auditing Environmental Impact Assessments in Hong Kong (CU95211) ✍ LAM Kin Che
1997-98	A Multimedia Decision Support System for Traffic Noise Planning (CU97228) ✍ LAM Kin Che • LIN Hui • TSOU Jin Yeu (Architecture)
1997-98	Spatial and Vertical Variations of Airborne Respirable Particulates in the Hong Kong Urban Environment (SS97010) ✍ LAM Kin Che
1997-98	Noise in Hyper-Dense Cities: Problems, Adaptation and Solutions (SS97044) ✍ LAM Kin Che • CHAN Ying Keung (Sociology) • SIDENER Jack Tyler (Architecture) • TSOU Jin Yeu (Architecture) • NGAI Ngan Pun (Social Work)
1994-95	A Multi-Project Strategic Research Program on Spatial-Temporal Decision Support System for Dynamic Monitoring and Management of the Environment (SS95001) ✍ LEUNG Yee • CHAU Kwai Cheong • FUNG Tung • LAM Kin Che • LIN Hui • NELLER Ronald James#
1995-96	Knowledge Acquisition for Spatial Inference Using Genetic Algorithms (CU95216) ✍ LEUNG Yee • LEUNG Kwong Sak (Computer Science and Engineering)
1996-97	Variable Programming - A Paradigm for Solving Dynamic Spatial Decision Making Problems with Variable Objectives and Constraints (CU96217) ✍ LEUNG Yee • XU Zongben*
1997-98	Spatial-temporal Decision Support System for Dynamic Monitoring and Analysis of Air Quality in the South China - Hong Kong Region (CU97229) ✍ LEUNG Yee • LAM Kin Che • FUNG Tung • ANH Vo Van*
1993-94	Development of a Multi-Window System for Exploratory Spatial/Temporal Data Analysis (SS94005) ✍ LIN Hui
1993-94	Design of a Multimedia-based Investment Environment Information System for the Nanchang-Jiujiang Industrial Corridor of the Beijing-Kowloon Railway (SS94006) ✍ LIN Hui • SU Yafang*
1996-97	GIS-Based Multimedia Information System on Investment Environment Analysis for Development Zones along the Beijing-Kowloon Railway (CU96211) ✍ LIN Hui • YE Shun Zan* • SUI Daniel Z.*
1997-98	Radar Remote Sensing: Advanced Earth Observatory System for the 21st Century (PS97027) ✍ LIN Hui • HE Changchui* • GUO Huadong*
1997-98	Environmental Impacts of River Channelization on Northwest New Territories (SS97045) ✍ NG Sai Leung
1997-98	Dynamic Analysis of China's Population and Grain Balance (SS97011) ✍ SHEN Jianfa
1996-97	Spatial Economic Re-structuring and Urbanization in Zhujiang Delta (SS96008) ✍ WONG Kwan Yiu • CHU David Kim Yee • SHEN Jianfa
1996-97	Fujian: A Coastal Province in Transition and Transformation (SS96044) ✍ YEUNG Yue Man • CHU David Kim Yee
1997-98	Globalization and Urban-Regional Change in Pacific Asia (SS97070) ✍ YEUNG Yue Man

## RESEARCH OUTPUTS AND PUBLICATIONS

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- <IA99004> 楊汝萬. <從世界秩序伸展看珠江口超巨都會崛起>. 研究叢刊 第 90 期, 24 頁. 香港: 香港中文大學亞太研究所, 1999.01.
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see also <IA97030>

## RESEARCH PROJECTS

### Colonialism and the Evolution of Public Administration systems: Comparing Hong Kong and Singapore

✉ LEE Wing Yee Eliza

☐ 1 October 1998

❖ CUHK Research Committee Funding

As former British colonies, Singapore and Hong Kong share much similarity in background characteristics but have pursued drastically different paths of political, economic and administrative development. The reasons and contexts for such divergence have yet to be systematically studied. This study aims to compare the developmental paths of the public administrative institutions of the two city-states and also identify the political and economic circumstances that gave rise to such differences. The specific focus of comparison will be the public personnel and financial systems.

Both Singapore and Hong Kong have inherited from their colonizers an almost identical administrative system, which was designed for the purpose of securing colonial rule. In many ways, the post-colonial systems of the two places still share many similarities. Nonetheless, they also have divergent paths of development. Singapore has reformed the British administrative system to build a highly interventionist developmental state after gaining independence in 1965, while Hong Kong has since the 1950s adopted its colonial administrative apparatus for a noninterventionist form of economic development. Comparing Hong Kong and Singapore can thus illuminate the significance of colonialism to the development of administrative institutions, while shedding light on how the path of administrative development is dynamically related to social, economic and political factors. At the practical level, the study might inspire us on how best to carry out administrative reforms in post-colonial Hong Kong in order to meet the societal needs of the twenty-first century.  
(SS98015)

### The Politics of Listing Chinese State Enterprises on Hong Kong

✉ MA Shu Yun

☐ 1 March 1999

❖ CUHK Research Committee Funding

The research studies the politics behind the selection of Chinese state-owned enterprises for listing on the Hong Kong Stock Exchange. Key issues tackled include the Chinese state's objectives of listing state enterprises on Hong Kong, the state's general policy and regulatory framework for the listing, the state

enterprises' own interests in obtaining the listing status, enterprises' reaction to the state's policy and regulation, and the interaction between the state and enterprises over listing on Hong Kong.  
(SS98036)

### Reinventing Government in Asia: Do We Need It? What Can We Learn From the West?

✉ WONG Wai Ho

☐ 1 October 1998

❖ CUHK Research Committee Funding

This is a study to examine whether the model of government reform in the democratized and industrialized Western countries, particularly the United States, can be applied in the Asian context. The landscape and scope of governments in the West have been dramatically transformed in the past decade. Under the "reinventing government" movement, the structure, size, scope, and power of public bureaucracy have been significantly reduced and replaced by the market mechanism in order to promote productivity and efficiency. The reform model has been adopted to a significant extent by many Western countries.

However, while the model is widely adopted in the West, its applicability to Asia is unexplored in any major literature. The importance and timeliness of this research topic is greatly enhanced by the recent Asian Crisis. The strong influence of the public bureaucracy on economy and society is often taken as a factor of the Crisis. This study will set up the theoretical framework of the applicability of the "reinventing model" to Asia. Through a multimethod approach (e.g., case studies and quantitative analysis), it searches for evidence to support and verify the theories.

This proposed project is a preliminary but pioneer study. It explores the relationship between government and the market (economy). It will also identify the trade-off in reforms and suggest feasible implementation strategies of reforms (if reforms are found desirable). Important policy and application values on the possibility of reforming Asian governments, including the HKSAR government, for better governance performance will be generated by the project.  
(SS98016)

### "Right of Abode" – Government in Crisis: Impact on Government Administration & Service Delivery

✉ WONG Wai Ho • LEE Wing Yee Eliza

☐ 1 March 1999

❖ CUHK Research Committee Funding

This is a study to examine the impact of the "Right of Abode" issue on the government administration and its service delivery. It is apparent that a large influx of new immigrants to Hong Kong will put the administration and the resources of the HKSAR under severe stress and there is absolutely no time to waste in preparing for this "crisis". This study will identify the problems brought by the "Right of Abode" issue to the HKSAR Government as well as formulating solutions to resolve them.

This project consists of three major parts. First, it will involve a citizen survey that seek to find out the expectations and satisfaction of citizens on government policies and performance with regard to the "Right of Abode" issue. Secondly, it will involve an analysis of administration and policy problems that are going to be faced by the HKSAR Government with the service demand from the expected new immigrants. Finally, it will identify solutions the HKSAR can pursue in resolving this "crisis". Government officials and other informed parties may be interviewed as sources of information. Major focuses of this part will include the structural coordination among bureaus and departments, the public personnel system, the external linkage and coordination with other public bodies and interest groups (e.g., the legislature and the mass media), and the privatization efforts and other efficiency reforms.

This proposed project is a preliminary study that has potentials to be developed into a more empirical and large scale study. Many problems that are being experienced by the HKSAR government are linked with some structural and long-term deficiencies in its systems. Therefore, in addition to having a value on the issue of "Right of Abode", this project will also shed light on improving the governing capacity of the HKSAR Government in general. (SS98055)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1995-96	Constitutionalism and Human Rights in Asia (SS94092) ✉ DAVIS Michael Curtis
1997-98	The Legislative Council Elections in 1998 (CU97202) ✉ KUAN Hsin Chi • LAU Siu Kai (Sociology)
1997-98	Between Family and State: Social Capital and Social Change in Three Chinese Societies (SS97060) ✉ KUAN Hsin Chi • CHAN Kin Man (Sociology)
1995-96	Managing Municipal Change in Reform China (CU94216) ✉ LEE Peter Nan Shong • LO Carlos Wing Hung* • CHIU Rebecca Lai Har* • CHEUNG Peter Tsan Yin* • WONG Chack Kie (Social Work) • TSAO King Kwun
1996-97	The Role of the State in Economic Transformation: A Comparative Study of the Politics of Privatizations in China and Russia (SS96041) ✉ MA Shu Yun
1995-96	Bureaucratic Phenomena and the Making of Chinese Public Policy (SS95055) ✉ TSAO King Kwun

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see also <P983000>



## RESEARCH PROJECTS

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### **Cinematic Analysis of the Representation of Women in Chinese Films Through Gendered Perspectives**

- ✉ KENNY James Francis  
□ 1 March 1999  
❖ CUHK Research Committee Funding

This investigation will examine the evolving representations of women in Chinese cinema. It will focus on the mainstream films of China, Hong Kong and Taiwan gathering representative samples from each in order to compare and contrast their depictions of women. Given the common Confucian backgrounds of these societies some similarities are expected. However, their historical divergence has produced different societal perspectives on the role and status of women, at least in ideology if not in actual practice. In addition, the cinema in each of these societies has evolved along unique lines, according to its perceived place in the culture, and this would more than likely have an impact on the types of female characters which would serve these ends, whether commercial or ideological. (SS98038)

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### **Media Coverage of the Right of Abode of People Born on the Mainland of Hong Kong Permanent Residents**

- ✉ LEUNG Wai Yin Kenneth • LEE Paul Siu Nam  
□ 1 March 1999  
❖ CUHK Research Committee Funding

The study examines the media coverage on the court ruling on the right of abode of people born on the Mainland of Hong Kong permanent residents throughout the two month period after the ruling. It samples 6 major newspapers in Hong Kong and studies various aspects in the coverage including attitude towards the ruling, general public's response, reports on the people being affected, etc. The findings will inform us about the media representation of a special group of social minorities and the role of media in this issue. (SS98056)

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### **Consuming New Communication Technologies: Information Behavior and Quality of Life in Hong Kong**

- ✉ LEUNG Wing Chi Louis • WEI Ran  
□ 1 October 1998  
❖ CUHK Research Committee Funding

The phenomenal growth of new media such as cable and interactive TV, mobile phones, pagers, and the Internet is changing fundamentally the way in which infotainment products and services are designed, delivered, and consumed. In a new media landscape characterized by diversity, convergence, interactivity, and digitalization, the role of new communication technologies in influencing people's work, play, and quality of life as well as the society at large needs to be examined from broad theoretical perspectives. Telecommunications industry and governments share a keen interest in understanding "future demands" of the new services that consumers need. Previous studies focused on socioeconomic indices to predict future demands with little reference to the social changes and shifts in consumption patterns. Social environment and personal values, lifestyles or psychographic factors are increasingly important in predicting adoption and use. The purpose of this project is fourfold: First, it investigates how people's values, attitudes, perceptions, and evaluations of new communication technologies are linked to adoption and gratification sought. Second, it focuses on socioeconomic, lifestyles, and psychological gratification factors that may predict adoption. Third, it examines the relationship between individual information behavior (involving media technology ownership, media use patterns, and person-to-person communication) and quality of life. Fourth, it also examines policy implications for the anticipated demands of new telecommunications products and services in the context of an upwardly mobile and active society such as Hong Kong. Through quantitative and qualitative methods, this project will test some conceptually and theoretically significant hypotheses in examining the relationships between adoption factors, information behavior, and quality of life in average Hong Kong households. (SS98017)

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**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1997-98	World Media Spectacle: A Study of the International Coverage of the Hong Kong Handover (SS97012) ✉ CHAN Joseph Man • LEE Chin Chuan# • PAN Zhongdang • SO York Kee Clement
1997-98	Managing Tensions between Political Control and Marketization (SS97047) ✉ CHAN Joseph Man • PAN Zhongdang • CHEN Huailin • LEE Chin Chuan# • WANG Jian# • WU Guoguang (Government & Public Administration)

- 1997-98 To Each According to Its Niche: A Resource Dependence Analysis of the Structural Segregation in China's Print Media Industries (SS97048)  
 ✍ CHEN Huailin • GUO Zhongshi\*  
 Study on Journalistic Reform Activities and Uneven Political Economic Development (SS96010)  
 ✍ PAN Zhongdang
- 1997-98 The Images of Asia-Pacific in Hong Kong: How Close are Hong Kong People to Others? (CU97209)  
 ✍ LEE Paul Siu Nam  
 1997-98 Mass Media and Social Integration During China's Reforms (SS97051)  
 ✍ PAN Zhongdang • CHAN Joseph Man • KENNY James Francis • McINTYRE Bryce Telfer • WEI Ran • WU Guoguang (Government & Public Administration)
- 1997-98 Critical Survey of Libel Litigations in Hong Kong: Implications for Press Freedom and Responsibility (SS97049)  
 ✍ LEUNG Wai Yin Kenneth  
 1997-98 Measuring Media Self-Censorship in Hong Kong: Strategic Rituals Used by the Press in Reporting Critical Events (SS97013)  
 ✍ SO York Kee Clement
- 1996-97 Uses and Impacts of New Media Technologies in Hong Kong (SS96009)  
 ✍ LEUNG Wing Chi Louis • WEI Ran  
 1997-98 Education Reform in Taiwan, Hong Kong and Mainland China (SS97032)  
 ✍ STONE Robert John • HUGHES Chris\*
- 1997-98 Social Impacts of Mobile Telephone: Patterns of Use and Misuse in Hong Kong (SS97050)  
 ✍ LEUNG Wing Chi Louis • WEI Ran  
 1997-98 Mass Media and the Development of Consumer Culture in China: A Cross-Time and Cross-Region Study (SS97015)  
 ✍ WEI Ran • PAN Zhongdang • LEUNG Wing Chi Louis
- 1997-98 Advertising the Hong Kong Identity (CU97238)  
 ✍ MA Kit Wai • CHEUNG Chin Hung Sidney (Anthropology)
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## RESEARCH OUTPUTS AND PUBLICATIONS

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- <P981738> **Leung, Louis and Or Ka Kee.** "The Effects of Celebrity Voice-Over and Gender on Product Brand Name Recall, Comprehension, and Purchase Intention". Paper presented in the 48th Annual Conference of the International Communication Association. Jerusalem, Israel, 1998.07.
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- <P981964> **McIntyre, Bryce T.** "The Erosion of Traditional Chinese Cultural Values: Westernization or Modernization?". Paper presented at the 35th International Congress of Asian and North African Studies (ICANAS). Budapest, Hungary, 1998.07.10.
- <P982299> **Chang, Tsan Kuo, Jian Wang and Chih-Hsien Chen.** "The Social Construction of International Imagery in the Post-Cold War Era: A Comparative Analysis of U.S. and Chinese National TV News" *Journal of Broadcasting & Electronic Media* vol.42 no.3, pp.277-296. US, 1998.11.10.
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see also <IA99008>

## RESEARCH PROJECTS

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### Group Size Uncertainty in Social Dilemmas

- ✉ AU Wing Tung
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

A pervasive aspect of social interaction is the conflict between maximizing personal (selfish) gain and maximizing collective gain. In many situations there is an incentive to maximize selfish gain, but if all members do so, all are worse off than if all choose to maximize collective gain. Such situations are called social dilemmas. Everyday examples include energy conservation, blood donation, and performing volunteering work, etc. More often than not, we do not know exactly how many other people are with us facing a social dilemma situation. However, all empirical studies to date have assumed a fixed group size in studying social dilemmas. One major purpose of this research project is to fill the void in existing literature in studying how group size uncertainty affects cooperation behavior in both public good dilemmas and resource dilemmas. Knowledge of the effects of group size uncertainty is a prerequisite to generalizing laboratory findings to apply to larger collectives, like the society. (SS98037)

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### The Effect of Musical Training on the Cognitive Function of Children

- ✉ CHAN Sui Yin Agnes
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

Our recent study published in "Nature" (Chan, Ho and Cheung, 1998) reported that adults with at least 6 years of music training before the age of 12 demonstrated significantly better verbal memory than their peers who did not have any music training. The purpose of the present study is to further investigate the effect of music training on cognitive development. Specifically, the present experiment will examine the cognitive function of a group of children, from age 7 to 16, who is receiving music training on a regular basis. It is hypothesized that children with music training will demonstrate better verbal memory and other cognitive functions than their peers who do not have music training. In addition, given that the years of music training of the participants will vary (from 0 to 6 years), the relationship between the duration of training and cognitive function will also be examined. (SS98039)

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### Critical Phase Shift of Bimanual Movement: A Study of Self-Organization with Motor Coordination

- ✉ CHAN Tin Cheung
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

Kelso (1984) showed the phase transition of two fingers moving rhythmically out of phase (simultaneously to the left or right side). When the frequency is increased to a certain critical value, the two fingers shift to in-phase motion (to the opposite sides simultaneously). Haken (1990) reckoned this critical phase shift as a typical phenomenon of self-organization.

Three experiments will be conducted to investigate the underlying variables within the system that cause such a critical phase shift in bimanual limb movement. I hypothesize that such a shift is due to the inadequacy of information with increased frequencies. Also, such transition renders the task easier to control as in-phase motions are more similar because of the activation of homologous muscles. Participants will follow the frequency of a metronome to swing their fingers/hands out of phase. The frequency will be varied from 1.5 Hz by .25 Hz every 8 sec to 3 Hz. The phase difference between the two limbs will be measured with an optotrak. In Experiment one, when participants are deprived of visual information, transition would take place more readily at lower frequencies. In Experiment two, when the two hands strike targets at the same side making the out-of-phase movement similar, transition will be delayed to a higher frequency. When the similarity is reduced, transition will be produced at a lower frequency. In Experiment three, the second hypothesis is also tested with circle drawing. Results of this project will contribute to a better understanding of self-organization, the key to autonomous behaviors. (SS98040)

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### Designing a Battery of Assessment Instruments for Screening and Diagnostic Testing of Primary School Children with Specific Learning Difficulties in Hong Kong

- ✉ HO Suk Han C. • CHAN Wai Ock David (Educational Psychology) • LEE Suk Han\* • TSANG Suk Man\*
- ☐ 1 August 1998
- ❖ Quality Education Fund

The project aims to design a comprehensive Chinese assessment battery for the identification and diagnostic testing of primary school children with special learning difficulties (SLD) in Hong Kong, and to establish local norms for various tests in the assessment battery; and to develop a behavioral checklist as a quick screening tool of SLD for

primary school teachers in Hong Kong, so that early identification of SLD is possible.

The project will be divided into five parts:

- (1) identifying a known group of children with SLD and examining their cognitive deficit areas;
- (2) designing the test battery for identification and assessment of children with SLD;
- (3) establishing local norms for the various tests in the assessment battery;
- (4) determining the diagnostic criteria of SLD; and
- (5) developing a behavioral checklist for screening of SLD by teachers.

(ED98001)

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**Prospective Memory in Patients with Schizophrenia**

✉ LEUNG Jin Pang John • UNGVARI Gabor Sandor (Psychiatry)

☐ 1 October 1998

❖ CUHK Research Committee Funding

Prospective memory is a newly discovered memory system in human beings and has been widely studied in the ageing population. In contrast with retrospective memory, which represents an ability to recall or recognize past information, prospective memory concerns with performing actions in the future. An analysis of a task involving prospective memory and findings from recent research show that this type of memory could be associated with the prefrontal cortex of the brain. To verify this prefrontal hypothesis, researchers decided to do a study on patients with schizophrenia because abnormal structure and activity level in the prefrontal cortex have been reported in these patients. 20 patients with schizophrenia and 20 matched controls will be recruited. Researchers will assess their prospective memory in relation to retrospective memory, executive functions, and functional capacity of daily living. They predict that patients with schizophrenia with prefrontal cortex damage will exhibit prospective memory deficits. It is suggested that the study of prospective memory in patients with schizophrenia will have both a theoretical implication on the development of a general theory of memory and a clinical application to improving the rehabilitation practice with patients.

(SS98018)

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**A Test on the Psychometric Properties of CBCL/YSR and DISC-4P/Y in a Community Sample: A Pilot Study on a Two-stage Approach to the Epidemiology of Adolescent Mental Health**

✉ LEUNG Wing Leung Patrick • HO Ting Pong\*  
 • HUNG Se Fong\* • LEE Chi Chiu (Psychiatry)  
 • TANG Chun Pan\*

☐ 1 September 1998

❖ Research Grants Council

In Hong Kong, there is a paucity of properly conducted epidemiological studies on the mental health of adolescents to facilitate service development and generation of etiological explanations. Though there is quite a number of questionnaire surveys, these questionnaire scores cannot claim to indicate proper diagnoses. The cost of using professionals in making diagnoses in a large-scale epidemiological study will be staggering and prohibitive. One solution to deal with these issues is a two-stage research procedure in which the relevant population is first screened by efficient, broad-spectrum questionnaires, followed by a more detailed, layman-administered diagnostic interview to a selected sample of screened 'cases' and 'noncases'. While suitable instruments for the above purposes have been developed and validated in the U.S., their applicability to Hong Kong Chinese adolescents is untested. This study aims to recruit about 2,400 secondary school students to be first screened by a parent questionnaire, Child Behaviour Checklist (CBCL), and a self-rating questionnaire, Youth Self-Report (YSR). In the second stage, a sample of 200 screened 'cases' and 'noncases' will be administered the parent and youth versions of a layman-administered diagnostic interview, NIMH Diagnostic Interview Schedule for Children - version 4 (DISC-4P/Y). Half of them will be given a re-test in a couple of weeks, while the other half will be given an immediate 're-inquiry/recoding' interview by a clinician to establish criterion diagnoses. A tailor-made Interview Schedule on Service Utilization (ISSU), designed to monitor mental health service utilization and barrier to care in Hong Kong, will also be developed and field-tested. The data gathered will allow us to examine the sensitivity and specificity of CBCL/YSR as stage-one screeners, and the test-retest reliability and criterion validity of DISC-4P/Y as stage-two diagnostic measures. Factors and conditions that are associated with the reliability or validity of CBCL/YSR and DISC-4P/Y will also be explored. These efforts in instrument testing are considered as the essential forerunner to a much-needed epidemiological study on adolescent mental health in Hong Kong. In addition, the field experience with the two-stage procedure and the preliminary prevalence estimates of various adolescent mental disorders can provide important information for planning sampling sizes and other parameters of the future epidemiological study.

(CU98348)

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**A Pilot Study on the Genetic Basis of Attention Deficit Hyperactivity Disorder (ADHD) in Chinese Children**

✉ LEUNG Wing Leung Patrick • SWANSON Jim\* • HO T. P.\* • HUNG S. F.\* • LEE C. C.\* • TANG C. P.\*

☐ 1 March 1999

❖ CUHK Mainline Research Scheme

The principal objective of this study is to explore the genetic basis of attention deficit hyperactivity disorder (ADHD) in Chinese children. To date genetic research on ADHD is still at its infancy, though past familial aggregation, twin, and adoption studies have consistently suggested a genetic basis to the disorder, which affects a child's brain development. The few genetic studies currently available are conducted with Caucasian children. No data are reported on Chinese ADHD children. This present study will potentially be the first genetic study with Chinese ADHD children. The candidate genes of ADHD are currently believed to be within the dopamine system. Specifically, two genes have been targeted, namely, dopamine transporter gene (DAT) and dopamine receptor D4 gene (DRD4). Regarding the former, the hypothesized locus is the one allele (480-bp) (DAT1), while regarding the latter, the hypothesized site is the variable 48-base pair repeat (7-repeat allele).

The latter hypothesis takes on a particular significance in Chinese children. This is because in a recent world-wide population survey on the 7-repeat allele of the DRD4, this allele was found to be absent in the two Chinese samples tested. In other words, if 7-repeat allele is found to be present in Chinese ADHD children, it will provide a strong support for its role in the etiology of ADHD, given its absence in the general population. On the other hand, if 7-repeat allele is absent in Chinese ADHD children, this will prompt a serious re-think on the validity of this hypothesis for ADHD. (SS98051)

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#### **Psychosocial Adjustment of Adolescents Displaying Borderline Personality Disorder Features: A 2-Year Follow-up Study**

✉ LEUNG Yiu Kin Freedom

☐ 1 March 1999

❖ CUHK Research Committee Funding

Borderline personality disorder (BPD) is one of the most disturbed personality disorders. The majority of studies on BPD by far have involved clinical samples. A relatively neglected area of research has been the assessment of the prevalence, nature, and outcome of BPD features in nonclinical adolescents. No study has ever examined BPD features in Hong Kong. Information on the prevalence and nature of BPD features among the local adolescents is totally unavailable. To fill this knowledge gap, the present study aims to address three research questions. First,

how prevalent are BPD features among high school students in Hong Kong? Second, will Chinese adolescents manifest a number of key features of BPD (such as intense and frequent mood shifts, marked impulsiveness, and self-harming behavior) also display various associated psychosocial adjustment problems as reported in the West? Third, are BPD features stable overtime among the local youngsters, and will they predict later adjustment problems? Findings of this study will provide valuable information to mental health professionals about the nature and prevalence of BPD features among adolescents in Hong Kong. Cross-cultural comparison with findings reported in the West will also enhance our understanding of the nature and manifestations of BPD features in different cultures. (SS98041)

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#### **The nature and stability of phonological processing and its importance relative to visual processing for reading Chinese and English**

✉ MCBRIDE Catherine Alexandra

☐ 1 September 1998

❖ Research Grants Council

This study of 100 Hong Kong monolingual Cantonese-speaking, 100 Hong Kong bilingual English-Cantonese-speaking, and 100 American monolingual English-speaking children will focus on the nature and stability of phonological processing skills across languages and their ability to predict subsequent performance in reading Chinese and English. Visual ability will also be measured in these children, in order to examine longitudinally the relative contributions of visual and phonological abilities to subsequent word recognition. Results will yield important information about the nature of phonological processing across languages, the extent to which visual processing is bidirectionally associated with reading in Chinese and English, and the relative importance of phonological and visual processing for reading Chinese and English over time. These findings may suggest ways to improve teaching of Chinese and English in Hong Kong and will contribute to the development of a comprehensive model of word recognition. (CU98207)

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#### **Survey on Child Sexual Abuse among University Students in Hong Kong**

✉ TANG So Kum Catherine

☐ 1 March 1999

❖ End Child Sexual Abuse Foundation Ltd.

This is a retrospective survey on child sexual abuse among university students in Hong Kong. It includes two parts:

- (1) a quantitative large scale survey of university students, and
- (2) qualitative in-depth interviews of students with sexual abuse experiences.

The overall objectives of the project are: to study the victim and abuser profiles; to study family factors of the victims; to study other risk factors such as relationship to the abuser, gender of abuser, location and circumstances in which the abuse took place, duration, frequency, severity, and changes in severity of the abuse; and to study the long-term impacts in college students who have been sexually abused as children.

(SS98049)

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### A Research Study on the Family Status Discrimination Ordinance

✉ TANG So Kum Catherine • AU Wing Tung • KWONG Kai Sun Sunny (Economics) • TANG Stephen Lung Wai (Sociology) • TAM Siu Mi Maria (Anthropology) • CHEUNG Chin Hung Sidney (Anthropology) • MA Lai Chong (Social Work) • NGO Hang Yue (Management) • SO York Kee Clement (School of Journalism and Communication) • WONG Wai Ho (Government & Public Administration) • CHAU Kin Lam Kenneth (Social Work)

☐ 1 March 1999

❖ Equal Opportunities Commission

The overall objectives of this study are:

- (1) to collect information on family status issues,
- (2) to examine the public perception of care for different categories of immediate family members,
- (3) to collect information on the public perception and actual experience of family status discrimination in various activities,
- (4) to establish baseline indicators reflecting the equality of opportunities on the basis of family status in different activities, and
- (5) to collect information on the public's knowledge regarding the Family Status Discrimination Ordinance.

It involves three research strategies of analysis of Census data, in-depth qualitative study, and public opinion survey.

(SS98052)

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### Concepts and Theories in Human Development

✉ TARDIF Twila • GELMAN Susan A\* • FU Xiaolan\*

☐ 1 September 1998

❖ National Institute of Health and Child Development

How do children organize their knowledge about the world? One way is through the formation and categorization of concepts. Recently, concepts have come to be viewed as being embedded in commonsense explanatory frameworks, rather than as simple lists of properties or perceptual similarities. This "theory" approach has led to the discovery that children as young as 3 years of age expect members of the same category to share important but non-obvious similarities. Specifically, they judge non-visible internal parts to be especially crucial to the identity and functioning of a category member, thus challenging previous views that children's early understandings are concrete and perceptually based. In a sense, very young children act as if members of a category share an underlying "essence".

Given the primacy of essentialism across a variety of psychological processes, any full account of cognitive development must consider the conditions that promote essentialism. However, little is presently known regarding:

- (1) the scope of essentialist reasoning;
- (2) the mechanisms that foster essentialism;
- (3) the extent to which essentialism is a coherent, causal understanding; and
- (4) the developmental course of children's understanding across a variety of cultural and linguistic contexts.

The present study will examine these issues in children aged 3-10 years in 2 cultures and 3 locations: Ann Arbor, Michigan (U.S.A.), Hong Kong, and Beijing, China. Both natural language and experimental methods will be used in a total of 17 studies to provide converging evidence regarding the links among concepts, language, cultural context, and theory construction in early childhood.

(SS98067)

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### Developmental Milestones and What They Mean to Parents

✉ TARDIF Twila

☐ 1 October 1998

❖ CUHK Research Committee Funding

Recent research on parenting styles has suggested that Chinese parents may have a more "authoritarian" style of interaction with their children than Anglo-European parents. However, Chao argued that Chinese parents' apparently authoritarian style was better captured by the Chinese notion of "training" (*jiao4shun4*) children, which involved controlling the children's behaviour, but also providing a significant amount of warmth. Although the notion of training has been operationalized and found to be a useful construct in describing Chinese parents' parenting styles, the broader questions of cultural (and individual) differences in parental beliefs and how such beliefs affect parenting behavior remain relatively unexplored. The present proposal aims to



investigate the nature of cultural influences on parents' beliefs about child-rearing and about children in general as they are reflected in: (1) mothers' expectations for their child's attainment of particular developmental milestones; and (2) their interpretations of the milestones themselves, as well as what is involved in reaching such milestones. In the proposed study, in-depth interviews with 15 Anglo-European U.S. mothers and 42 mainland Chinese mothers of children who ranged in age from 13 months to 6 years of age will be transcribed and analyzed. As part of the analyses, an intensive qualitative coding system will be developed and its reliability tested for both the English and the Chinese interviews in order to enable valid comparisons and generalizations across languages, cultures, and individual families. It is hoped that analysis of these data will lead to further understanding of cross-cultural differences in parenting behaviour and parenting beliefs. (SS98020)

**Why Do Hong Kong Students Like Gungchai? An Investigation into Identity and Personality Through the Use of Autophotography**

- ✉ TARDIF Twila
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

The aim of this project is to understand unique aspects of Hong Kong students' identity and to relate them to existing standardized measures of personality. The primary method to be used in this study is that of autophotography, in which participants take 24 photos of anything or anyone that they feel represents aspects of their identity. In study 1, 50 undergraduate students will be asked to complete an autophotographic diary as well as complete a set of standardized personality and identity questionnaires. A particular focus of the diary coding scheme will be on *gungchai* and students' use of *gungchai* to represent various aspects of their identity. In study 2, the findings about using *gungchai* to represent aspects of identity will be explored further with an independent sample of 100 undergraduate students. Results from both studies will be compared to those in a U.S. sample, where collectivistic representations in the autophotographic diaries were negatively related to identity development. We expect to find a different pattern of relationships in Hong Kong and suspect that more subtle forms of individual expression, such as identifying with *gungchai* are very important in helping Hong Kong students negotiate their own identities in a cultural and social environment where such expressions are often suppressed. (SS98042)

**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1997-98	Studying Social Dilema Using a Self-Determined Sequential Protocol (SS97016) ✉ AU Wing Tung
1989-90	Mutual Perceptions Around the Pacific Rim (AB88005) ✉ BOND Michael Harris
1994-95	A Study of Group Dynamics of Hong Kong and Mainland Chinese (SS94070) ✉ BOND Michael Harris
1995-96	Personality of Influencer, Behavioral Pattern of Target and Choice of Influence Tactics: A Research in China and Hong Kong (SS95056) ✉ BOND Michael Harris
1997-98	Comparing Methods of Bilevel Analysis in Cross-Cultural Factor Analytic Research: A Monte Carlo Examination (CU97241) ✉ CHAN Kwan Shing Darius • CHAN Wai
1997-98	Memory Loss after Radiotherapy for Nasopharyngeal Carcinoma (SS97052) ✉ CHAN Sui Yin Agnes
1997-98	Cognitive Profile of Nasopharyngeal Carcinoma Patients with Brian Damage (SS97063) ✉ CHAN Sui Yin Agnes • TSE Vincent* • LAW Stephen* • CHAN John*
1997-98	Inertial Property of a Rigid Body Used in the Perception of Length and Direction: A Reexamination in Dynamic Touch (CU97225) ✉ CHAN Tin Cheung
1997-98	Subliminal Perception (SS97053) ✉ CHAN Tin Cheung
1997-98	Robust Correlation Structure Analysis (SS97017) ✉ CHAN Wai • YUAN Ke Hai*
1996-97	Semantic Activation in Chinese Spoken-Word Processing (SS96029) ✉ CHEN Hsuan Chih

- 1996-97 Auditory Word Recognition in Chinese (CU96203)  
 ✎ CHEN Hsuan Chih
- 1995-96 Clinical Validation of the CPAI (SS95057)  
 ✎ CHEUNG Fanny Mui Ching
- 1996-97 The Specificity of Visual Deficits and Phonological Deficits of Children with Reading Disabilities as a Function of the Type of Written Language System (ED96006)  
 ✎ HO Suk Han C.
- 1997-98 Impact of Written Language System on Performance Parameters of the Working Memory of Dyslexic Individuals (SS97035)  
 ✎ HO Suk Han C. • WITRUK Evelin\*
- 1997-98 Dyslexia Testing in the English and Chinese Language (ED97016)  
 ✎ HO Suk Han C. • EVERATT John\*  
 • SMYTHE Ian\*
- 1997-98 The Psychosocial and Cognitive Aspects of Insulin-Dependent Diabetes Mellitus (IDDM) (SS97054)  
 ✎ LEUNG Wing Leung Patrick
- 1997-98 Attitudes toward Body Shape and Weight Control Behaviors among Pre-Pubescent Girls in Hong Kong (SS97055)  
 ✎ LEUNG Yiu Kin Freedom
- 1996-97 Models of Word Reading Development in Chinese Children (SS96031)  
 ✎ MCBRIDE Catherine Alexandra
- 1997-98 Visual and Phonological Processing, Speed of Processing, and Reading in Young Children: Cross-Language and Cross-Cultural Associations (SS97003)  
 ✎ MCBRIDE Catherine Alexandra • KAIL Robert\*
- 1997-98 Correlates of Parenting Beliefs across Cultures: Children's Academic Achievement, School Attitudes, and Life Satisfaction (SS97019)  
 ✎ MCBRIDE Catherine Alexandra
- 1997-98 A Review of Longitudinal Studies of Personality Change: Methodological Principles and Applications (SS97020)
- 1996-97 Violence Against Women: A Comparative Study in Chinese Societies of Hong Kong, PRC and Taiwan (CU96207)  
 ✎ TANG So Kum Catherine • CHEUNG Fanny Mui Ching
- 1997-98 Statistical Analysis Project on Census Data on Gender Equality (SS97001)  
 ✎ TANG So Kum Catherine • CHUNG Yue Ping Stephen (Educational Administration & Policy) • NGO Hang Yue (Management) • AU Wing Tung
- 1997-98 Evaluation Study of Youth Mobile Teams for Young Night Drifters in Hong Kong (SS97027)  
 ✎ TANG So Kum Catherine • LEE Wing Lin Francis (Social Work)#
- 1997-98 Survey on Public Attitudes Towards Sex as a Genuine Occupational Qualification (SS97028)  
 ✎ TANG So Kum Catherine • AU Wing Tung • PUN Shuk Han (Social Work) • NGO Hang Yue (Management)
- 1997-98 Research Studies on Child Abuse in Hong Kong (SS97029)  
 ✎ TANG So Kum Catherine • PUN Shuk Han (Social Work) • LAI Yee Ching Kelly (Psychiatry)
- 1997-98 Teacher Stress, Burnout, and Self-Efficacy (SS97034)  
 ✎ TANG So Kum Catherine • SCHWARZER Ralf\* • AU Wing Tung
- 1997-98 Language Socialization in Urban and Rural China (CU97222)  
 ✎ TARDIF Twila
- 1997-98 Parenting at McDonald's: An Observational Study of Chinese Families (SS97056)  
 ✎ TARDIF Twila

## RESEARCH OUTPUTS AND PUBLICATIONS

- <IA98023> **Cheung, Fanny M.; Siumi Maria Tam and Serena Sheng-hua Chu. ed.** *A Bibliography of Gender Studies in Hong Kong 1991-1997*. 101 pgs. Hong Kong: The Chinese University of Hong Kong, 1998.
- <P975052> **Lai, Ming and Michael Harris Bond.** "Gender Stereotypes and the Self-Concept in Hong Kong Youth". *Bulletin of the Hong Kong Psychological Society* no.38/39, pp.17-36. Hong Kong, 1997.
- <P982046> **Moneta, G.B. and A. Ying Yin Wong.** "Big Five or Big Eight? In Search of the Personality Structure of the Hong Kong Chinese". Paper presented in the 9th European Conference on Personality, organized by European Association of Personality Psychology. UK, 1998.07.
- <P982047> **Moneta, G.B. and M. Csikszentmihalyi.** "Everyday Life Involvement and Murray's Needs in Talented Teenagers". Paper presented in the 9th European Conference on Personality, organized by European Association of Personality Psychology. UK, 1998.07.
- <P982048> **Leung, Patrick Wing-Leung.** "A Cross-Cultural Study of Childhood Hyperactivity between Hong Kong and United Kingdom". Paper presented in the 24th International Congress of Applied Psychology, organized by International Association of Applied Psychology. San Francisco, USA, 1998.08.
- <P982051> **Fung, Heidi; Patrick W.L. Leung and Jenny K.M. Chan.** "Parental Evaluation of Child Competence in Hong Kong". Paper presented in the 15th Biennial International Society for the Study of Behavioural Development Meetings. Bern, Switzerland, 1998.07.
- <P983881> **Tardif, Twila Z.** "The Sounds of Silence in Disputes between Beijing Toddlers and their Caregivers". Paper presented in the 6th International Pragmatics Conference of International Pragmatics Association. Reims, France, 1998.07.19.
- <P983890> **Chan, Agnes; W. Poon and John Hsiang.** "Neuropsychological Impairment after Mild Head Injury: Any Difference when it is Work Related". *Abstracts of the 5th Annual Scientific Meeting of the Hong Kong Neurosurgical Society* p.39. Hong Kong, 1998.12.12.
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see also <P983642>, <P991184>

## RESEARCH PROJECTS

### Needs, Welfare Choices and Welfare Socialization in Reform China

✉ CHAU Kin Lam Kenneth • WONG Chack Kie •  
NGAI Ngan Pun • PUN Shuk Han

☐ 1 September 1998

❖ Research Grants Council

Building upon another RGC project (1996-98) which has developed a preliminary Chinese framework of need based on a sample of Hong Kong Chinese, this study is of two aims. First, it will consolidate the Chinese framework of need on a sample of Mainland Chinese by identifying which elements of need vary between Hong Kong and China as a response to different social, economic and political factors, and which elements of need prevail across the two Chinese societies given shared cultural heritage. Second, it will use the need framework as a parameter for studying the impact of a new policy initiative of welfare socialization (welfare services to be shehuihua) of the Chinese Government in terms of need satisfaction and welfare choices of people. The main thrust of this policy initiative is the devolution of responsibility in welfare provision from the state to local communities and families. Whether the society is effective in the distribution of related benefits and burdens has become a critical social policy question that China transitional economy must address. There is a great theoretical importance for a conception of need on welfare claims and entitlements in modern societies from a Chinese perspective that helps to clarify this question. Methodologically, discourse and documentary analyses will be performed to identify the philosophical and pragmatic bases on which the policy initiative is founded, and in-depth interviews and a household questionnaire survey will be conducted to probe and construct people views on needs, welfare choices and institutional arrangements in Reform China.

(CU98204)

### Public's Understanding and Perception of the Court Ruling on "Right of Abode" Issue

✉ CHAU Kin Lam Kenneth • CHAN Joseph Man  
(School of Journalism and Communication)

☐ 1 March 1999

❖ CUHK Research Committee Funding

The recent court ruling on the right of abode of children born in the Mainland of Hong Kong permanent residents has caught wide public attention. The views on the court ruling are diversified and changed rapidly. The purpose of this study is to gauge the views of the general public towards the court judgement and its social and economic impacts.

The study will be done by telephone survey with the assistance of the Hong Kong Institute of Asia-Pacific Studies. There are mainly three focuses:

- (1) people's knowledge of the court's decisions on the right of abode of "mainland-born" children;
- (2) the public perception and understanding of the dispute over the court ruling between the SAR and central governments;
- (3) the concerns about the social and economic impacts that the ruling may bring to the Hong Kong society.

The study is part of a larger project on this issue committed by members of the Faculty of Social Science and the findings will give light to the subsequent study in other areas.

(SS98057)

### A Study of the "Right of Abode" Issue After the "NPC Reinterpretation" Controversy

✉ CHAU Kin Lam Kenneth • CHAN Joseph Man  
(School of Journalism and Communication) •  
WONG Wai Ho (Government & Public  
Administration) • TSOI Kcon Wah

☐ 1 June 1999

❖ CUHK Research Committee Funding

After the HKSAR government has resolved to seek reinterpretation of the Basic Law by the NPC about the CFA's ruling, the "Right of abode" issue has again become the focal attention of the local community. The study, as a continuation of previous ones conducted in the past few months by the Faculty of Social Science, will comprise three parts. Initially, a telephone survey gauging the public's views on the "NPC Reinterpretation of Basic Law" will be conducted with the assistance of the HKIAPS. Then after the NPC's reinterpretation is officially made in mid-June, a second telephone survey will be conducted, focussing on public perception of new immigrants from the Mainland. The third component of this study is the in-depth discussions or interviews with a sample of mainland. The third component of this study is the in-depth discussions or interviews with a sample of mainland immigrants investigation their experiences in adapting to new environments since arrival in Hong Kong. Hoping through the above exercises, the dynamics between "local" Hong Kong people and the mainland immigrants can be explored in a more comprehensive manner.

(SS98061)

### Service Needs of Children of Divorcing Families

✉ CHUNG CHAN Lai Foon Miranda

☐ 1 March 1999

❖ CUHK Research Committee Funding

All children from divorcing families are facing family crisis arisen from their parents' divorce and they will inevitably experience difficulties in their lives. The majority of these vulnerable children are without opportunities for professional assistance and usually manifest various emotional and behavioral problems as a consequence. Many studies on divorcing families have suggested that these children usually demonstrate poor school performance, low self-esteem, depression symptom, and difficulties in relating with their parents and peers. It is generally worried that these adverse effects of their parental divorce might become more damaging and permanent when timely help is not available.

In the above light, I have planned to conduce an exploratory research on the service needs of the children of divorcing families, aiming to identify their needs and problems caused by their parental divorce. In this study, the sample subjects will include children from 100 divorcing families and 1,000 school children. The age range of these children will be from 11 to 18. Their parents' prior consent will be sought. It is proposed that the self-esteem, depression level, school performance, family relations and peer relations of all the sample subjects will be measured during the period between March to June, 1999. The scores of the children from divorcing families will be compared with their counterparts from intact families. It is hoped that the study results will shed light on the service needs of the children of the divorcing families and recommendations for service improvements will be made.

(SS98047)

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**Experience of Well-Adjusted Young Immigrants From Mainland China – A Narrative Analysis**

✉ LAM Mong Chow Amy • TSOI Kcon Wah • FONG SOONG Tong Kou

☐ 1 October 1998

❖ CUHK Research Committee Funding

Most of the existing research studies on newly arrived immigrants from Mainland China are cross-sectional quantitative survey research and very few have attempted to systematically understand these immigrants' unique personal experiences in adjusting to their new lives in Hong Kong. In order to fill this gap in research, this study attempts to use the methodology of narrative analysis in qualitative research to investigate the migration experiences of young immigrants through their own stories. The major objectives of the study are: (1) to understand the experiences of young immigrants who are regarded as having good adjustment in their daily living in Hong Kong through their own interpretation; (2) to explore the meanings which these young immigrants have constructed out of their overall migration experience; (3) to formulate hypotheses

about factors contributing to successful adjustment of young immigrants. It is expected that findings from this study will enrich researchers' understanding of the culture of the newcomers, their migration experiences, and the issues they face in the process of adjusting to daily living, in particular how some of the new adolescent immigrants survive the drastic changes in life and succeed in coping with the new challenges. Furthermore, the findings can definitely have significant theoretical and practical contributions to policy formulation and direct practice so that social services for young immigrants could be more responsive to their genuine needs and problems.

(SS98022)

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**An Exploratory Study of the Decision-Making Process of Hong Kong Chinese Families Seeking Child and Adolescent Psychiatric Consultation**

✉ MA Lai Chong • LAI Yee Ching Kelly (Psychiatry) • PUN Shuk Han

☐ 1 May 1999

❖ CUHK Research Committee Funding

It has been observed that Chinese psychiatric patients delay seeking help from the psychiatric service (Lin and Lin, 1980). The delay makes it difficult for mental health professionals to offer early treatment, to promote secondary prevention and to reduce disability. This study will be conducted with the following objectives.

In respect of the major caregiver of mentally children and adolescents,

- (1) to understand their decision-making process in seeking psychiatric consultation from public mental health service;
- (2) to identify important factors (namely family beliefs, coping strategies, social support and other interfamilial forces, severity and type of child problems) influencing the decision to seek psychiatric consultation; and
- (3) to understand the service expectations.

With the information on the help-seeking behavior of families in need, local mental health professionals can develop appropriate treatment strategies to accomplish the goals of secondary prevention: early identification and early treatment of mental disorders. This study would provide information for primary health care professionals on how to effectively motivate and encourage families in need and to seek help from mental health service. An understanding of the service expectations will also help to improve existing services and to develop new modes of practice, if needed. The researchers also hope to postulate a theoretical mode of help-seeking behavior among Chinese families and to derive hypotheses for test in a large-scale cross-sectional study.

(SS98046)

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**An Evaluation Study on Job-Skill Training Project for Rehabilitated Drug Abusers**

- ✍ MOK Bong Ho
- ☐ 1 September 1998
- ❖ Madam Tan Jen Chiu Research Endowment Fund, CUHK

This research is designed to evaluate a job-skill training project for rehabilitated drug abusers organized by Pui Hong Self-help Association and sponsored by the Beat Drug Fund (1997/98) that provides a budget over HK\$1.00 million. The objective of this research is four-fold: First, to examine the nature and approaches of the job-skill training, job-counselling, social skill training, job information/resource and referral programs. Secondly, to assess the strengths, weaknesses and effectiveness of these programs. Thirdly, to develop performance indicators for different training programs, and for the project as a whole. Finally, to make recommendations for improvement. A before and after design will be used for the training programs. For job counselling programs, information will be gathered at the beginning and different stages of the service. A users' satisfaction survey will be conducted in the mid-point and one near the end of the project. Daily records of participants and activities have to be completed for the final analysis. (SS98065)

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**Prevalence, Role and Functions of Self-help Groups in Hong Kong**

- ✍ MOK Bong Ho • CHAU Kin Lam Kenneth • FUNG Ho Lup • NGAI Ngan Pun
- ☐ 1 November 1998
- ❖ Research Grants Council

This study aims at examining the prevalence, role and functions of self-help groups for vulnerable populations such as patients with chronic illnessness, the physically disabled, parents of the mentally disabled, single parents, drug abusers and other client groups in Hong Kong. Three surveys of members of self-help groups, agency administrators and agency frontline staff respectively will be conducted; and a cross-case study will also be included for indepth analysis. It is expected that a file of several hundreds of self-help groups in Hong Kong will be created for the use of professionals and people concerned. This study has practical and academic relevance to the social development of Hong Kong. It could provide useful knowledge for understanding and working with self-help groups as a way to harness popular participation in social service. The outcome of this study is expected to contribute to an understanding of the self-help group movement in Hong Kong and the role of the social work professional in working with

self-help groups; and to serve as a useful social welfare policy guide in order to develop self-help groups as a desirable and viable mode of social service delivery in Hong Kong. (CU98060)

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**Perceived Benefits of Cancer Self-help Groups: A Study of the Shanghai Cancer Rehabilitation Club Members**

- ✍ MOK Bong Ho
- ☐ 1 June 1999
- ❖ South China Programme, Hong Kong Institute of Asia Pacific Studies, CUHK

Inspite of the rapid growth of self-help groups in the Chinese health care system, the full potentials of utilizing self-help groups remain untapped. One of the reasons may be attributed to the lack of systematic research and solid methodological foundations. The research component of the self-help phenomenon is clearly left behind the self-help movement itself. The primary objective of this research is to examine the functions of the cancer self-help groups under the Shanghai Cancer Rehabilitation Club. Specifically, the benefits these groups produce for members and the factors affecting their functioning will be studied. In addition, this research also aims to compare the self-help groups for cancer patients in Shanghai with those in Hong Kong with regard to their functions, the latter (Hong Kong Self-help groups for Cancer Patients) are being studied in a RGC project conducted by the researcher. (SS98066)

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**Strategic Research on the Values and Effectiveness of Summer Youth Program**

- ✍ NGAI Ngan Pun • CHEUNG Chau Kiu\*
- ☐ 10 July 1998
- ❖ Summer Youth Program Committee, Home Affairs Dept., Hong Kong SAR

This is a evaluative research on the Summer Youth Program (SYP) in Hong Kong. Because the SYP in question has been operated for almost 30 years, the Summer Youth Program Committee (SYPC) wants to have a scientific understanding of its effectiveness in accomplishing the program's primary objectives. Therefore, the research aims at gauging the effect size of SYPs, including those activities of (1) promotion of publicity, (2) recreation, leisure, or entertainment, (3) sports, (4) development and education, (5) community service, and (6) volunteering. The effect size would be a result based on statistical analysis using data involving the pretest and posttest of participants and nonparticipants of SYPs. It indicates the extent of change in the outcome by a change in the participation.

The research aims at evaluating the effectiveness of SYPs, with special attention to those of 1998, in the following aspects:

- (1) development of skills, potential, and healthy interests;
- (2) understanding and appreciation of interpersonal relationships;
- (3) awareness of and responsibility for the community in the young participants of the programs; and
- (4) the role and contribution of the Hong Kong Jockey Club in the implementation of the SYP.

The research evaluates the aforementioned qualities as outcomes of the SYP. In addition, it will also address processes from both young participants and program organizers. These findings will allow for illuminating mediating processes which lead to effective outcomes. The research will involve data collection from young people and program organizers. (SS98001)

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#### Study on the Characteristics of Newly Arrived Adolescents from the Mainland

- ✉ TSOI Kcon Wah • LEUNG Wing Leung Patrick (Psychology) • MCBRIDE Catherine Alexandra (Psychology) • HO Suk Han C. (Psychology)
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

The societal impact and social service implications of the possible instant influx of a large number of children borne on the Mainland of Hong Kong Permanent Residents arising from the ruling of the Court of Final Appeal has aroused great public attention. One of the major concerns is the educational and social service needs of school-age children from the Mainland. The proposed study will focus on two groups of junior secondary school students:

- (1) newly arrived adolescents with both parents in Hong Kong; and
- (2) newly arrived adolescents with only one parent in Hong Kong and the other in the Mainland.

The study attempts to: (1) examine the characteristics and needs of these students along the following dimensions: academic performance, behavior patterns, competence, life satisfaction, mental health, perceived family functioning, help-seeking patterns; and (2) to capture these students' personal experiences in their family life during their childhood years in Hong Kong. To achieve the first objective, questionnaire surveys will be conducted on 30 adolescents and one of their parents in each of these two groups, as well as a group of 30 locally born adolescents of comparable age and socio-economic status which serves as the control. Data for the second objective will be collected through interviews with a small number of adolescents selected from the

two groups of newly arrived adolescents. It is expected that data arising from this study will:

- (1) enhance our understanding of the characteristics of and the problems faced by adolescents who are new arrivals from the Mainland, and
- (2) enable service providers and policy-makers to design better services for these people. (SS98058)

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#### Charting Hong Kong People Perception of Social Welfare – A Continued Study

- ✉ WONG Chack Kie • WONG Ka Ying Timothy (Hong Kong Institute of Asia-Pacific Studies)
- ☐ 1 October 1998
- ❖ CUHK Research Committee Funding

This study employs James Midgley conceptual framework of social welfare to systematically examine Hong Kong people attitudes toward the condition of social welfare in Hong Kong by means of telephone of survey. Two similar studies were respectively undertaken in last October and this April. This is a continued study to chart the changes since then. It also wants to remedy some of the weaknesses found in the previous study, such as failing to ask the public the obligation side of social welfare. Without such knowledge, we could not have a more balanced view of the public attitude towards social welfare and its desired arrangement. The study is significant in both theoretical and policy terms. Theoretically, it operationalizes an old concept by using Midgely new conceptual framework, extending the concept to include the control of social problems, the fulfillment of social needs, and the maximization of social opportunities. In policy terms, it provides periodical subjective social indicators for the public and the government policy makers to assess the state of social welfare in Hong Kong overtime. (SS98023)

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**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

<u>Edition</u>	<u>Title/Investigators</u>
1997-98	Consumers' Feedback on Service Quality & Service Effectiveness: The Case of Heep Hong Early Education & Training Centres (SS97024) ✉ AU Chor Fai
1997-98	The Chinese Perceptions of Need and Its Prerequisites: The Case of Hong Kong (SS97025) ✉ CHAU Kin Lam Kenneth • WONG Chack Kie • TAO Julia* • DROVER Glenn* • LAI Po Wah*

- 1997-98 Decommodification to  
Recommodification of Labor - Labor  
Insurance and Policy Packages in China  
from 1949 to 1995 (SS95076)  
✍ FUNG Ho Lup
- 1997-98 An Exploratory Study on Termination  
and Reactivation of CSSA Cases  
(SS96052)  
✍ FUNG Ho Lup
- 1997-98 A Comparative Study on Adolescent  
Delinquent Behavior in Hong Kong,  
Guangzhou and Shanghai (SS97059)  
✍ NGAI Ngan Pun • CHEUNG Chau  
Kiu\* • XIE Xialing\* • LU Chun\*
- 1997-98 The Politics of Identity Constitution  
among Outreach Workers in Hong Kong  
(SS97026)  
✍ NGAI Sek Yum
- 1995-96 A Longitudinal Study of Family, Peer  
and School Influences on the Social  
Behavior of Adolescents in Hong Kong  
(SS95068)  
✍ SHEK Tan Lei Daniel • MA H. K.\*  
• CHEUNG Ping Chung  
(Educational Psychology)
- 1997-98 Perception of Family Functioning  
amongst Adolescents in Hong Kong  
(CU97203)  
✍ SHEK Tan Lei Daniel
- 1996-97 The Roles of Welfare Systems in  
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**see also** <IA98018>, <IA99012>, <P983517>, <P984398>, <P990012>, <P991718>

## RESEARCH PROJECTS

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### Dynamics of Civil Organizations in China

- ✉ CHAN Kin Man • QIU Haixiong\*
- ☐ 9 March 1999
- ❖ South China Programme, CUHK

The study focuses on the culture and dynamics of civil society in China. In-depth interviews of leaders of intermediate organizations in Guangzhou will be conducted to tap their civic consciousness in terms of conception of rights and public spiritedness. Cultural and organizational resources of these organizations will also be studied through case study of their collective actions.  
(SS98069)

### Users' Opinion Survey – Kowloon Bay Health Centre & Nursing Home

- ✉ CHAN Kin Man
- ☐ 9 June 1999
- ❖ Health Department, Hong Kong Government

To solicit opinions from the users of the outpatient unit and the aids treatment unit of the centre concerning the quality of services and their responses to a residents' campaign against the set up of the centre.  
(SS98062)

### Support Programme for Secondary School Social Subjects

- ✉ CHIU Wing Kai Stephen
- ☐ 1 September 1998
- ❖ UGC Central Allocation Vote

The primary objective of the programme is to support the learning and teaching of social subjects, primary AS Level Liberal Studies, at the secondary level. The broader significance of the programme is to buttress civic education programme at the secondary school level, and to promote our students' understanding of the community and their sense of belonging by fostering the development of social subjects. Such a programme would also help strengthen the ties between our University and secondary schools and enhance our visibility at the secondary level. A series of activities is going to be organized, including a competition of small-scale social research projects for Sixth form students, preparation and distribution of teaching and learning resources, workshops and seminars for teachers and students, and collection of feedback from teachers.  
(ED98039)

### Hong Kong: From Industrial Colony to Global City

- ✉ CHIU Wing Kai Stephen • LUI Tai Lok
- ☐ 1 October 1998
- ❖ CUHK Research Committee Funding

This book project examines the developmental history of Hong Kong, the focus being placed upon its rise to the status of a global city in the world economy and its social and political correlates, during the period of 1970s to 1990s. The accent is on the interaction between the global context and local events. Researchers follow a broad political economy approach, highlighting the historical and institutional embeddedness of social, economic and political changes. As such, their analysis is going to differ from the 'fall of Hong Kong' genre in discussion of decolonization. They intend to see the development of Hong Kong as an integrated process with economic political and social elements. They also seek to locate this development in a longer perspective (for instance, the rise of the colonial economy since the 19<sup>th</sup> century) and in a wider context (for instance, Hong Kong as embedded in the regional development of East Asia).  
(SS98021)

### From Sate Workers to Xiangang (Off-Duty) Worker – Life Strategies of Chinese Working Class in Post-Reform's Shantou of Guangdong Province

- ✉ KU Hok Bun
- ☐ 1 March 1999
- ❖ CUHK Research Committee Funding

The proposal requests for money for a pilot research for studying the life strategies of the off-duty workers in Shantou. The proposed project is an attempt to find out the employment pattern of the off-duty workers after they were excluded from the state enterprises in the reform era. The ways of searching a new job will be also identify.  
(SS98043)

### Family Ties and Rural Industrialization in China: An Empirical Study on the Social Roots of Economic Development

- ✉ LAU Chong Chor • PENG Yusheng
- ☐ 1 July 1998
- ❖ South China Programme, Hong Kong Institute of Asia Pacific Studies, CUHK

This research project is an empirical test of the social roots thesis of economic development originally offered by Max Weber early in the century and recently used by Martin King Whyte (The China

Quarterly, 1995) to explain China's rapid economic growth in the past two decades. The connection between family patterns and industrial development will be examined in a sample of Chinese villages. Family ties are conceptualized as a form of social capital whose role in a village's industrialization process will be considered together with physical, financial and human capital. The attempt is to assess their differential contributions to the successful economic transformation in China's grass-roots communities. The findings are expected to shed light on:

- (1) the impact of family ties on the emergence of village industries;
- (2) the relationships among family patterns, rural enterprise management and community economic performance; and
- (3) the impact of rural industrialization upon the social development of rural China.

(SS98003)

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**Institutional Choice and Industrialization: The Role of the Village Governments in the Chinese Economic Miracle**

✉ LAU Chong Chor

☐ 22 July 1998

❖ Department of Sociology, CUHK

The project is a quantitative study of the role of local governments in the economic development of rural China. A set of survey data collected in 1995 by the Chinese Academy of Social Sciences in 150 randomly selected Chinese villages will be analyzed. The anticipated outcomes of the research are a series of papers examining:

- (1) the patterns of institutional choices of village governments and their consequences on rural development;
- (2) the impact of local governments as industrial organizations on the performance of the rural economy; and
- (3) the impact of rural industrialization on the social development of rural China.

(SS98002)

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**Social Issues and Social Problems in the Early Years of the Hong Kong Special Administrative Region (HKSAR): Indicators of Social Development 1999**

✉ LAU Siu Kai • LEE Ming Kwan\* • WONG Siu Lun\*

☐ 1 September 1998

❖ Research Grants Council

The focus of this survey will be on social issues and social problems in the early years of the Hong Kong Special Administrative Region (HKSAR)

Government. We intend this project to identify aspects of social life which merit in-depth investigation and public attention, and to furnish empirical inputs for the formulation and implementation of social policies. Our "ambition," in the long-run, is to build social indicators studies into an "institution" (as it already is, in, for example, UK, which regularly publishes "social trends" reports), a sustained and recurrent effort regularly, professionally, and responsibly reporting on the social conditions of Hong Kong society, directing academic researchers, policy makers and the public to issues that merit their attention.

From work that has already been done, we are planning the publication of a series of reports on objective social indicators.

(SS98048)

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**China's New Managerial Elite**

✉ LEE Ching Kwan

☐ 1 March 1999

❖ CUHK Research Committee Funding

This study examines the emergence of a new cohort of corporate managers in Shanghai and Guangzhou under the twin influence of globalization and marketization. In the late 1990s, as economic reforms deepen and international investments proliferate, Chinese and expatriate managers face both challenges and opportunities to transform their practices and knowledge of corporate management. In the increasingly globalized Chinese economy, the interaction and mutual influence between international and Chinese companies, personnels, practices and ideas will play critical role in the making of new corporate cultures in two of the most marketized and internationalized cities in China. Besides, new managerial ideologies, or collectively held models for and models of authority, will certainly play important role in shaping labor relations inside a wide range of business and industrial firms. This study seeks to identify critical issues, difficulties and consequences involved in management transformation in different sectors of "corporate China". The results of the study will contribute to our understanding of institutional and cultural transformation in key sectors of the Chinese economy. The comparison between Shanghai and Guangzhou will also highlight subnational variations, most critical for generation of sociological theories. (SS98044)

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**The Emerging Middle Class in Shanghai**

✉ LUI Tai Lok

☐ 1 March 1999

❖ CUHK Research Committee Funding

This proposal requests for seeding money for developing a larger Earmarked Grant project proposal for studying the emerging middle class in Shanghai. The proposed project is an attempt to investigate the social background (educational and career paths, social capital and personal networks, and mobility experience) and the social attitudes of the middle class in a rapidly changing socialist city in China, namely Shanghai. The idea of developing a collaborative research on the rising middle class (broadly defined as administrative, professional and managerial employees) in Shanghai was initiated by scholars of Fudan University. The investigator sees this as a good opportunity to start a systematic research on the topic. Funding is requested to support a pilot study of 50 administrators, professionals and managers in Shanghai. (SS98045)

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**Please refer to previous issues of this publication for more details of the following ongoing research at the department:**

Edition      Title/Investigators

1997-98      Combating Spatial Constraints: Strategies and Limitations (SS97057)  
 ✎ CHAN Ying Keung • LEE Pui Leung Rance • SIDENER Jack Tyler (Architecture) • NGAI Ngan Pun (Social Work)

1995-96      Confucianism and Modernity in Chinese Societies: A Comparative Study of Hong Kong, Taiwan, Mainland China, and Singapore (CU95222)  
 ✎ CHEUNG Tak Sing • CHAN Hoi Man • CHAN Kin Man • CHIU Chi Yue\* • KING Ambrose Yeo Chi • THIREAU Isabelle# • YANG Chung Feng\*

1996-97      An Analysis of the Utilitarian Thought and Social Network of Three Confucian Scholars in Early Qing Dynasty (SS96034)  
 ✎ CHEUNG Tak Sing • LEUNG Yuen Sang (History)

1996-97      Hong Kong Trade Unions Bracing for the Future: Environmental Changes & Organizational Dynamics (SS96039)  
 ✎ CHIU Wing Kai Stephen • LEVIN David\*

1997-98      The State and Technical Training in Hong Kong: A Case Study of the Vocational Training Council (SS97022)  
 ✎ CHIU Wing Kai Stephen • TSE Kwan Choi (Educational Administration & Policy)

1990-91      The Organizational Culture of Chinese Factories (AB91005)  
 ✎ LAU Chong Chor • QIU Hai Xiong\*

1995-96      Reforming China's Industrial System: The Cultural Approach (SS94058)  
 ✎ LAU Chong Chor • CAI He\* • LI Jiangtao\*

1989-90      Subjective Social Indicators Research Programme (AB85008)  
 ✎ LAU Siu Kai

1995-96      Legal Culture of Hong Kong (AB89092)  
 ✎ LAU Siu Kai

1995-96      Political Culture and Political Participation in China, Taiwan and Hong Kong (AB92030)  
 ✎ LAU Siu Kai • KUAN Hsin Chi (Government & Public Administration)

1996-97      Indicators of Social Development: Hong Kong 1997 (SS96040)  
 ✎ LAU Siu Kai • WONG Siu Lun\* • LEE Ming-Kwan\*

1989-90      Urbanization in China (AB84002)  
 ✎ MAN Jic Leung Peter

1989-90      Youth Life Satisfaction in Hong Kong (AB85012)  
 ✎ MAN Jic Leung Peter

1993-94      Leisure and Social Change in Hong Kong (SS93018)  
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## RESEARCH OUTPUTS AND PUBLICATIONS

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