

The background of the entire page is a grayscale marbled paper pattern with intricate, swirling, and veined textures. The colors range from light gray to dark charcoal, creating a complex, organic visual effect.

Faculty of

Social Science

RESEARCH PROJECTS

Taiwan Studies: A Journal of Translation

- ✉ BOSCO Joseph
- ☐ 1 July 1995
- ❖ Chiang Ching-Kuo Foundation for International Scholarly Exchange

This grant is to assist with the editing and production costs of a new journal entitled *Taiwan Studies: A Journal of Translation*, published by M.E. Sharpe, Inc. (Armonk, NY, USA) beginning in the spring of 1995. The journal makes available to the English-speaking reader a select sampling of Chinese-language social science research about Taiwan. Though international interest in Taiwan has begun to grow, publication of research about Taiwan has shifted increasingly to Chinese, as scholars seek to influence local public opinion and government policy as well as to fill the public's enormous appetite for knowledge about Taiwan. At one time, Western scholars could assume that important research would sooner or later be published in English, but this is no longer the case. Increasingly, the best social science research on Taiwan studies is done in Chinese. The objectives of the journal are:

- (1) to reflect current issues and interests in social science research on Taiwan;
- (2) to present original research on Taiwan's history, anthropology, sociology, social work, political science, law, and economics;
- (3) to bring scholarly research on the 'Taiwan experience' to the attention of non-Asia specialists by providing information not otherwise available in English on Taiwan society and culture. (SS95039)

Analysis of Shanshu (Holy Books) of the Yiguan Dao

- ✉ BOSCO Joseph
- ☐ 15 February 1997
- ❖ CUHK Research Committee Funding

Yiguan Dao (一貫道) is a secret sectarian religion popular in Taiwan, where it was legalized in February 1987. The sect urges members to prepare for the end of the world by improving their karma so they do not need to be re-born after they die. Ethnographic fieldwork from May 1985 to August 1986, with additional fieldwork in January-February 1990, January 1993, and June 1996 is being written up. The resulting book will describe the operation of the sect and discuss the relationship between the sect's beliefs and the rapid economic development of Taiwan. To assist in better understanding the beliefs of the sect, this grant seeks support for assistance to

read shanshu 善書 or "holy books" written and published by the sect for the edification of members. Many are written by planchette (spirit writing) in classical Chinese style, and make allusions to complex historical and religious symbols. This proposal seeks support to work with an educated assistant to help the researcher read through, translate, and analyze the 30 texts that the researcher has collected over eleven years. (SS96003)

Indigenization of Anthropology in East and Southeast Asia

- ✉ BOSCO Joseph ● CHEUNG Chin Hung Sidney ● TAM Siu Mi Maria ● WU David Yen Ho ● TAN Chee Beng ● KIM Kwang Ok* ● MATHEWS Gordon
- ☐ 1 June 1997
- ❖ CUHK Departmental Funding

Anthropology originated in Western Europe and North America but has been expanding rapidly in the countries that were once only the sites of anthropologists' field research. In these formerly peripheral countries, a kind of localization or indigenization takes place with a focus on local rather than foreign cultures and in some cases with anthropologists calling for indigenous theories to replace outside theories and for the voice of the native to be given priority. Though in the past the transfer of anthropology overseas has been described in sharply drawn terms as a choice between scientific universalism and localistic relativism, the reality of this transfer is more complex. This research project seeks to explore this transformation of anthropology because the increasingly global and multipolar world will see ever greater participation of anthropologists from outside the North American-West European core. The papers have three goals. First, they seek to describe notable contrasts between the anthropology of Euro-America and that of East and Southeast Asia. Second, they seek to understand these differences in light of the different histories of the discipline and the broader intellectual climate. Third, they address the significance of these differences for a universalistic anthropology and for the globalization of anthropology. (SS96049)

Selves in the Cultural Supermarket: An Investigation into the Cultural Identities of Japanese Artists, American Religious Seekers, and Hong Kong Intellectuals

- ✉ MATHEWS Gordon
- ☐ 27 June 1996
- ❖ Research Grants Council

This project explores how members of three culturally self-conscious groups express their senses of cultural identity, as derived from the global 'cultural supermarket'. On the basis of extensive interviewing, the researcher analyzes how Japanese artists working in imported forms - jazz and rock music, modern dance, abstract and surrealistic painting - see themselves as affirming or rejecting their identities as 'Japanese' in their work; how American religious seekers struggle to harmonize their practice of Tibetan Buddhism, Zen, or Sufism with what they see as their 'American' identities in other areas of their lives; and how Hong Kong Western-educated intellectuals formulate and reformulate who they are, culturally, between 'Western' and 'Chinese' as 1997 approaches. The culmination of this research will be a book, *Selves in the Cultural Supermarket*, exploring ethnographically and theoretically how culturally shaped selves ('Japanese', 'American', 'HongKongese') in turn shape their own cultural identities from an array of mass-mediated global choices. This self-shaping takes place with particular clarity within the three groups the researcher investigates, but occurs at least inchoately throughout the world today. (CU96205)

Tokharian Influence on Altaic Languages

- ✉ WANG Penglin
- ☐ 1 October 1996
- ❖ Research Grants Council

Around the turn of this century, ancient documents written in a previously unknown language were discovered in Xinjiang, China. Since the language was recorded in a known writing system (a north Indian syllabary called Brahmi), decipherment of the documents proceeded rapidly, and before long the language was identified as belonging to the Indo-European group and named Tokharian. This research project aims at systematic and detailed investigation of Tokharian influence on Altaic languages (Turkic, Mongolic, and Tungusic). The essence of the researcher's approach is to formulate loan correspondences between Tokharian and Altaic and to demonstrate Tokharian vocabulary diffusion into Inner Asia, which heavily involves the study of both sound and meaning in a number of major languages of Eurasia. While presenting the specialist not only with new insights but also with hitherto unknown facts, the researcher will attempt to open up for the benefit of the interested general scholar a little-known chapter of strong Tokharian influence on the Altaic languages and cultures. (CU96102)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition	Title/Investigators
1995-96	The Tianhou Temple: Iconography, Architecture, and Social Organisation in the South China Cultural Sphere (CU94211) ✉ BOSCO Joseph ● HO Puay Peng (Architecture)
1995-96	The Shanghai <i>Lilong</i> Neighborhood and the Commercialization and Globalization of Chinese Culture (SS95038) ✉ BOSCO Joseph
1994-95	Youth in Hong Kong: Popular Culture, Political Culture (SS94091) ✉ TAM Siu Mi Maria
1994-95	Popular Culture and Hong Kong Identity (SS95018) ✉ TAM Siu Mi Maria
1995-96	Gender and the Professions in Hong Kong: The Politics of Work and the Social Construction of Gender (CU94220) ✉ TAM Siu Mi Maria ● LEE Wing Yee Eliza (Government & Public Administration) ● LEE Ching Kwan (Sociology) ● CHANG Kimberly* ● CHEUNG Fanny Mui Ching (Psychology)
1995-96	Tokharian Influence on Altaic Languages (AL95028) ✉ WANG Penglin
1995-96	Food Culture in Taiwan: A Study of Indiginization and Globalization of Cultural Tradition and Identity Through Food and Cuisine (SS95042) ✉ WU David Yen Ho
1995-96	Cooking Up Hong Kong Identity: A Study of Food Culture, Changing Tastes and Identity in Popular Discourse (CU95207) ✉ WU David Yen Ho ● EVANS Grant R.* ● TAM Siu Mi Maria ● CHEUNG Chin Hung Sidney

RESEARCH OUTPUTS AND PUBLICATIONS

- <P961655> **Mathews, Gordon.** "Names and Identities in the Hong Kong Cultural Supermarket". *Dialectical Anthropology* vol.21 no.3/4, pp.399-419. Dordrecht, The Netherlands, 1996.09.01.
- <P961668> **Joseph, J. Tobin; David Y.H. Wu and Dana H. Davidson.** 《幼兒教育與文化 — 三個國家的幼教實況比較研究》. 王家通編. 296 頁. 高雄: 麗文文化事業股份有限公司, 1996.
- <P961922> 吳燕和. <論華人、華僑、華裔、中國人意識: 世界各地華人的族群認同>. 《華人的心理與治療》 曾文星編. 頁 53-72. 台北: 桂冠圖書公司, 1996.
- <P961927> **Cheung, Sidney C.H.** "Hakka Cuisine in Hong Kong Post-War Society". Paper presented in the 3rd International Conference on Hakkaology. Singapore, 1996.11.01.
- <P961928> **Cheung, Sidney C.H.** "Change of Ainu Images in Japan: A Reflexive Study of Pre-War and Post-War Photo-Images of Ainu". *Visual Anthropology* vol.9 no.1, pp.1-24. The Netherlands, 1996.
- <P961930> 張展鴻. <書訊: 《橫濱華僑誌》王良主編, 財團法人中華會館印行, 1106 頁>. 《華南研究資料中心通訊》 第 5 期, 頁 11. 香港: 華南研究資料中心, 1996.10.15.
- <P961973> **Wu, David Y.H.** "CA Comment on Aihwa Ong's *Cultural Citizenship As Subject-Making*". *Current Anthropology* vol.37 no.5, p.756. Chicago, USA, 1996.12.01.
- <P962476> **Tan, Chee-Beng.** "The Northern Chinese of Sabah, Malaysia: Origin and Some Sociocultural Aspects". Paper presented in the ISSCO Xiamen Conference on History and Prospective: Ethnic Chinese at Turn of Centuries, organized by the Xiamen University and China Society for the Study of Overseas Chinese History. Xiamen, China, 1996.11.18.
- <P962477> **Tan, Chee-Beng.** "Theses on Sarawak and Sabah Presented to the Department of Anthropology and Sociology, University of Malaya, with Some General Remarks". *Borneo Research Bulletin* vol.27, pp.90-97. USA, 1996.
- <P962614> **Mathews, Gordon.** "The Stuff of Dreams, Fading: Ikigai and 'the Japanese Self'". *Ethos* vol.24 no.4, pp.718-747. Virginia, USA, 1996.12.
- <P962615> **Cheung, Sidney C.H.** *Cultural Tourism and Hong Kong Identity*. Working Paper no. 4, 25 pgs. Hong Kong: Department of Anthropology, The Chinese University of Hong Kong, 1996.10.
- <P963829> **Maria, Tam Siu Mi and Grant Evans. ed.** *The Hong Kong Anthropologist*. vol.9, 44 pgs. Hong Kong, 1996.07.
- <P963932> **Tam, Siumi Maria.** "Yumcha in Hong Kong: Constructed and Contested Identities". Lecture Series of Overseas Chinese Trade, Business Networks and Emigration, organized by the Departments of History, Asian Languages and Studies, Anthropology and Sociology, University of Queensland. Brisbane, 1996.10.25.
- <P970191> **Mathews, Gordon.** "Book Review of the *Dark Side of Japanese Business: Three 'Industry Novels'*". *Education about Asia* vol.2 no.1, p.66. USA, 1997.
- <P970277> **Cheung, Sidney C.H.** "Photographing the Ainu and the Emperor: Modernity in Meiji Japan". *The CUHK Journal of Humanities* vol.1, pp.252-268. Hong Kong, 1997.01.
- <P970464> **Tan, Chee-Beng.** "Chinese in Southeast Asia and Identities in a Changing Global Context". Paper presented in the Conference on Chinese Populations in Contemporary Southeast Asian Societies: Regional Interdependence and International Influence, organized by the Center for East Asian and Pacific Studies, University of Illinois at Urbana-Champaign. Urbana-Champaign, USA, 1997.03.10.

- <P970465> **Tan, Chee-Beng.** "Ethnic Groups, Ethnogenesis and Ethnic Identities: Some Examples from Malaysia". Working Papers Series no.5. p.36. Hong Kong: Department of Anthropology, The Chinese University of Hong Kong, 1997.
- <P970466> **Tan, Chee Beng.** "Comments on 'Ethnic Chinese in Southeast Asia: Overseas Chinese, Chinese Overseas or Southeast Asians?'". *Ethnic Chinese as Southeast Asians* ed. by Leo Suryadinata. pp.25-32. Singapore: Institute of Southeast Asian Studies, 1997.
- <P970860> **Sidney, Cheung C.H. and Eriberto Lozada.** "Being Here, Searching 'There': Locality and the Internet". Paper presented in the Conference on the Futures of Anthropology: Reflections on Anthropological Research and Teaching in South China, organized by the Department of Anthropology, The Chinese University of Hong Kong. Hong Kong, 1997.06.10.
- <P970861> **Sidney, Cheung C.H.** "Globalizing a Local Ethnic Community: A Case Study in Yokohama Chinatown". Paper presented in the 2nd International Conference on Globalism/Localism: Modernity and Cultural Production in Asia, jointly organized by "Project on Localism, Globalism and Opinion-Makers in Asia" and Comparative Literature Programme, Research Institute for the Humanities and sponsored by the Department of English, The Chinese University of Hong Kong. Hong Kong, 1997.04.03.
- <P971919> **Bosco, Joseph.** "Anthropology Among the Natives: The Indigenization of Chinese Anthropology". *The Futures of Anthropology: Reflections on Anthropological Research 2nd Teaching in South China* Hong Kong: Department of Anthropology, The Chinese University of Hong Kong, 1997.06.10.
- <P971920> **Bosco, Joseph.** "Mazu in Taiwan: Religion in Global and Local Identity". *The Tianhou/Mazu Temple: Iconography Architecture Social Organization* Hong Kong: Department of Anthropology and Department of Architecture, CUHK, 1997.01.03.
- <P971921> **Bosco, Joseph.** "Contemporary Business Practices in Greater China". Paper presented in the Symposium on Chinese Cultural Differences, organized by Le French May; Ecole Francaise d'Extreme-Orient; Centre for the Study of Chinese Religion and Society, The Chinese University of Hong Kong. Hong Kong, 1997.05.16.
- <P971927> **Wang, Penglin.** "The Correspondence Between Old English l and Mongolic n". Paper presented in the 40th Meeting of the Permanent International Altaistic Conference, organized by the Brigham Young University. Provo, Utah, USA, 1997.06.02.
- <P971928> **Mathews, Gordon.** "Selves in the Cultural Supermarket: Towards a Phenomenological Theory of Cultural Identity". Paper presented in the 2nd International Conference on Globalism/Localism: Modernity and Cultural Production in Asia, jointly organized by "Project on Localism, Globalism and Opinion-Makers in Asia" and Comparative Literature Programme, Research Institute for the Humanities and sponsored by the Department of English, The Chinese University of Hong Kong. Hong Kong, 1997.04.02.
- <P971929> **Mathews, Gordon.** "Sojourners in the Heat of Nationalism: Japanese in Hong Kong During the Diaoyu/Senkaku Islands Crisis". Paper presented in the Travelling Cultures in Asia Conference, organized by the ConsumAsiaN. Hong Kong, 1997.04.09.
- <P971930> **Mathews, Gordon.** "What Does it Mean to be 'Japanese'? On the Arts, Minds, and Cultural Identities of Kotoists, Calligraphers, Behop Pianists, and Punk Rockers". Paper presented in the 2nd International Conference on Globalism/Localism: Modernity and Cultural Production in Asia, jointly organized by "Project on Localism, Globalism and Opinion-Makers in Asia" and Comparative Literature Programme, Research Institute for the Humanities and sponsored by the Department of English, The Chinese University of Hong Kong. Hong Kong, 1997.04.02.
- <P971931> **Mathews, Gordon.** "*Heunggongyahn*: On the Past, Present, and Future of Hong Kong Identity". Paper presented in the Association for Asian Studies Annual Meeting. Chicago, USA, 1997.03.13.

- <P971932> **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". Paper presented in the Futures of Anthropology Conference, organized by the Department of Anthropology and New Asia College, The Chinese University of Hong Kong. Hong Kong, 1997.06.10.
- <P971984> **Evans, Grant and Maria Tam. ed.** *Hong Kong: The Anthropology of a Chinese Metropolis.* 335 pgs. Surrey & Honolulu: Curzon & University of Hawaii Press, 1997.06.
- <P971985> **Tam, Siumi Maria.** "Reconstructing Hong Kong Identity in the Idiosyncrasy and Syncretism of Yumcha". Paper presented in the Anthropology Colloquium, organized by the Department of Anthropology, Macquarie University. Sydney, 1997.04.10.
- <P971987> **Tan, Chee Beng.** "The Northern Chinese of Sabah, Malaysia: Origin and Some Sociocultural Aspects". *Asian Culture* vol.21, pp.19-37. Singapore, 1997.06.

RESEARCH PROJECTS

Parametric Objects for Form Exploration Using CAAD

- ✍ BERTIN Vito
- ☐ 1 March 1997
- ❖ CUHK Research Committee Funding

The media of commercial CAD software has a very pragmatic side, providing tools to accomplish certain practical tasks. But this same media can also be used for explorations which go beyond. This is also true for the software used in the course "Introduction to Computer Aided Design" at the Department of Architecture. In this software, library parts can be implemented as parametric objects. In this study the investigator intends to investigate the possibilities to use parametric objects to explore the description and transformations of form. As a parametric object, a form is not just described as a definite shape, but as an instance of a whole group of possible forms. Through changes of parameters, one such instance can be transformed into another instance. This casts a special light on the perception of form. Such transformations have a direct relevance to design. The design process can be seen as a continuous process of transformations, reacting to different forces. Different representations of a design can also be seen as mappings which can be transformed into each other. It is therefore very valuable not only to know more about properties of forms and their description, but also to get a feeling for the possibilities of transformations.
(LA96001)

Respecting Elders: Saving China's Old Buildings for the 21st Century

- ✍ CODY Jeffrey
- ☐ 15 October 1996
- ❖ CUHK Research Committee Funding

The purpose of this research project is to develop appropriate strategies for more effectively preserving China's historic architecture. There is an acute need for these strategies because of the threats posed to China's historic buildings from vandalism, neglect and demolition arising from development pressures. On the other hand, especially in the aftermath of the Cultural Revolution there is a renewed respect for many older buildings in China not only because of their social and cultural importance, but also because of the role these buildings play in attracting tourists to particular places, which yields more revenue. This project will focus on: (1) the collection of historic and contemporary documentation from China about cases or sites where preserving historic buildings has

been attempted; (2) the targeting of preservation strategies, such as tax incentives, that could be applied to Chinese case studies; (3) the search for appropriate case study sites in China where innovative preservation strategies might be attempted in the future; and (4) the preparation of an Earmarked Research grant for 1997-98.
(LA96007)

China Builds, 1911-1949

- ✍ CODY Jeffrey
- ☐ 1 February 1997
- ❖ CUHK Research Committee Funding

The principal objective of the proposed research project is to complete two kinds of research tasks--writing scholarly articles and assembling visual or other documentary evidence--associated with the researcher's ongoing analysis of several important trends in Chinese architecture during the republican period: technological shifts from Chinese to imported building methods, changes in architectural practices, the proliferation of new building types or stylistic tastes, and the rise of large-scale urban planning endeavors in Chinese cities. For several years the researcher has been using an inter-disciplinary approach to study these trends, involving the fields of urban history, city planning, history of technology and engineering, art and other aspects cultural history, as well as the history of architecture. Specifically, the researcher will focus on the following:
(1) conduct primary historical research about Ladislav Hudec (1893-1948), a major foreign architect who practiced in Shanghai from 1918 to 1948; and
(2) complete writing, and prepare for publication, four manuscripts that relate to the research topic of a more comprehensive understanding of building trends in China from 1911 to 1949.
(LA96002)

The Problem-based Learning and the Design Studio - A Comparative Study

- ✍ GU Daqing
- ☐ 1 October 1996
- ❖ CUHK Research Committee Funding

In the university setup, the architecture school usually operates in an isolated situation. We do not really know, or to a certain extent are reluctant to know, how teaching is implemented in other fields. On the other hand, there is also little understanding from other disciplines about architecture education, especially its studio teaching method. As Donald Schoen points out: "In the context of the modern research university, the architectural studio is deviant." The major conflicts between architecture

and university education system are, generally speaking, reflected in their different concepts about research as well as their different approaches to teaching. This research will deal with the second issue.

The problem-based learning method has been introduced to many disciplines as an innovative teaching method in training reflective practitioners. The design studio method in architectural education served as a positive example as it has been developed. Under such a context, can we presume that the problem-based learning and the design studio are one teaching method with different names? If they are different, what are the similarities and differences between them? Is the problem-based learning applicable to architecture education? In this research, the researchers attempt to make an investigation on the phenomenon of the problem-based learning, to use it as an instrument to further uncover the nature of the design studio through a comparative study, and to explore its application in architectural education. (LA96008)

Cargo Handling Buildings/Systems in Hong Kong

- ✍ HAUGHTON Stephen
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

This research is to investigate and document the obvious and significant potential of the whole spectrum of buildings/systems comprising this field through a pilot study of two forms representing the extremes of historic origin and future direction:

(1) Pilot Study Historic Origins-Lighterage Systems
Research and documentation of design development of both barge and motorised types which still constitute almost one quarter of ship/dock manoeuvres but have developed their handling potential into a vast array of handling capabilities during their one hundred and fifty year history.

(2) Pilot Study Future Directions-Air Cargo Transfer Building, Chek Lap Kok

Research and documentation on state of the art air cargo transfer building which completes during the pilot study period. Having made two extensive visits the researcher has established liaison with architects and engineers some previously known to him. (LA96009)

Building as Text: A Reading of Longxingsi

- ✍ HO Puay Peng
- ☐ 15 October 1996
- ❖ CUHK Research Committee Funding

In contrast to most approaches to the study of Chinese architecture, this project proposes to look afresh at an extant monument not simply as an object

in time and space, but a text from which the intrigues of court and church politics were played out. In this case study of a Song dynasty monastery, the researcher will concentrate on treating the architecture of the monastery as a lens through which aspects of the society of the time are refracted. (LA96010)

Design of Open Space in Housing Development

- ✍ HOUSEN Mohamed
- ☐ 1 December 1996
- ❖ CUHK Research Committee Funding

Housing development in Hong Kong can be categorized into patterns: tower residential blocks resting on a commercial podium and enclosing or fronting an open space; and tower residential blocks resting on ground surrounded by open space. Some housing research studies on the quality and design of the housing units have been done. There has yet any research focusing on the quality of open space in Hong Kong housing environment--an environment that provides amenities and "places" for the leisure and pleasurable use by local residents to relax, sit, walk, talk, and enjoy. (LA96011)

Covered Bridges As A Cultural Artifact: Bridges that are More Than Bridges

- ✍ LEE Chung Nung ● LEE Tang Gim
- ☐ 20 February 1997
- ❖ CUHK Research Committee Funding

The covered bridges in N.E. Quangxi Province are unique examples of Chinese architecture and engineering. They illustrate not only a sophisticated and highly developed engineering, construction and architectural solution to transportation need, but also serve as a vital and environmentally responsive social and communal centre for the village communities. The research intends to document and explore issues for deeper understanding, future maintenance and restoration. It will also explore the adaptation of such ideas for pedagogic and urban design use. (LA96003)

An integrated Approach for Improving Urban Housing Quality in China

- ✍ LEE Tunney Fee ● CHEN Ke ● SULLIVAN Brian Douglas
- ☐ 1 October 1996
- ❖ Research Grants Council

The objective of this research project is to assist the Chinese government and professionals in design and production of quality housing. To achieve this broad

goal two strategies are proposed. Firstly, the research team will study contemporary urban housing development and recent housing trends in China using a series of qualitative research methods. Secondly, the research aims to disseminate the research findings to central and local governments, professionals and designers throughout China as well as overseas scholars.

The research is supported by the Ministry of Construction (MOC) and the Architectural Society of China. They are also the major collaborators of this project in supplying the research information and reviewing the research strategies. This research is based in The Chinese University of Hong Kong in order to integrate the experiences of housing specialists from Hong Kong and other countries with professionals from China.

(CU96214)

The Rule-based Wood Frame Construction System of the *Yingzao fashi*

✍ LI Andrew I-kang ● TSOU Jin Yeu

☐ 1 December 1996

❖ Research Grants Council

The objective of this research project is to use three-dimensional computer models to investigate the design and construction of wood-frame buildings as prescribed by the official Song building manual *Yingzao fashi* 營造法式 (published in 1103). This book defines a set of buildings, but not by defining each member building individually. It defines instead a limited set of rules, which builders then apply to produce a large set of member buildings. The text, then, can be understood as a shorthand for a set of buildings. The researchers will use the rules to build computer models of buildings, analyze the resulting building, and examine the relation between the rules and the buildings.

The project will improve both our understanding of Chinese architecture and the teaching of an often mentioned but poorly understood text. The applicants have already experimented with this approach in their teaching and found that students were quick to appreciate the sophisticated architectural system of the *Yingzao fashi*. In fact, students were proud of this Chinese achievement.

(CU96215)

Light and Architecture

✍ LOMBARDI Steven

☐ 1 May 1997

❖ CUHK Research Committee Funding

The purpose of this research is to investigate and document how and why architects use "Light" both naturally and artificially in the built environment.

Artificial light sources goes back to the late 1800's, actually the first incandescent light was developed in 1879. Natural light, (the sun) on the other hand goes back when time started. This research will focus on these similar yet very different sources of light.

This research will include text, computerized visual material and to assemble photographic material for documentation. This documentation is needed for journal publications.

Assistance is requested for students wages for computer generated 3D images, and to transfer existing photographic work into computerized images ready for publication print.

Since 1979 the researcher has collected and maintained over 3000 slides on lighting, which will assist him in final selection of material. Also his extensive publications and awards on light has put him in the forefront of lighting applications.

(LA96004)

A Systematic Study of Wind Conditions in the Gaps between High-rise Buildings with Numerical Methods

✍ PRAYOONHONG Chutiman ● ZHOU Yongsheng

☐ 1 December 1996

❖ CUHK Research Committee Funding

When air flows over buildings set side-by-side, the overall airflow is blocked by buildings and is forced to go through the gaps between buildings. The airflow speed (also called wind speed or wind velocity) in the gaps will be higher than the speed in the coming airflow.

In present study, a commercial CFD code will be adopted to numerically evaluate the wind flow conditions in the narrow gaps between high-rise buildings. An on-site full-scale measurement will also be carried out to validate the computations. The information about the wind flow conditions obtained includes wind velocity and wind-induced pressure in the gap. The necessary regulations to limit the minimum allowable gap interval between high-rise buildings which are located in an area near seas will be suggested after the completion of the study.

(LA96006)

Oral Architectural History of China: The Modern Era

✍ SUN Frank Chi Hsien ● LEE Tunney Fee ● CODY Jeffrey ● MacPHERSON Kenniel* ● FU Chao Ching*

☐ 15 September 1995

❖ Chiang Ching Kuo Foundation for International Research

Since the end of Qing Dynasty, bright young Chinese students were sent abroad to be educated and return to China to participate in its efforts to modernize. Beginning in the 1920's, young men were sent to the United States to study architecture. Of the "first generation" of these young architects, one (Chen Chin) is still alive and living in Shanghai at the age of 92. Others associated with this "first generation" of architects are also living, and if they are interested, much knowledge and insights could be gained concerning the development of modern architecture in China. This is a research proposal designed to collect data concerning the source and background of modern architectural history in China. In addition to biographic and bibliographic search as preparatory work, the major source of played integral roles in the development of modern architecture in China. Informants shall be sought in Mainland China, Taiwan and Hong Kong. The video format is utilized due to its versatility and its capability of reaching a wider audience. The data collected will be edited into collections for purposes of documentation. (LA96013)

Virtual Simulation Environment for Supporting Collaborative Architectural Design

- ✍ TSOU Jin Yeu ● CHU Tah Wen Darwin ● HALL Theodore ● KAN Wai Tak Jeff ● LI Andrew I-kang ● TURNER James A.*
- ☐ 1 December 1996
- ❖ Research Grants Council

In the last ten years, architecture, engineering and construction (AEC) firms have integrated various architectural computer-aided architectural design systems (CAAD) into their operation to increase efficiency in the areas of design, simulation, analysis and documentation. These systems, however, have failed to assist the architect and engineer in solving problems comprehensively because of the lack of an team oriented simulation environment to coordinate different design decisions during the building design process. This failure becomes even more obvious when conflicts occur between the many disciplines involved in the process.

This research is to investigate a team oriented virtual simulation environment to support collaborative computer-aided architecture design, which supports information sharing and broadcasting between multiple, simultaneous multi-discipline CAAD users. A formal graphical modeling technique and a collaborative design mechanism are to be adapted to investigate the information processing of building design. An experimental Virtual Simulation Environment based on VR and CSCW (Computer Supported Collaborative Work) will be established to demonstrate a prototype computer-based design platform to support team oriented design activities. The Chinese University of Hong Kong research team

for this project will actively collaborate with institution aboard - Architectural Research Lab of University of Michigan. The expected results of the research will be reported to the international conference (ACADIA, CAD Future). (CU96213)

Contemporary Urban Housing History in China: Multimedia Online Learning Materials

- ✍ TSOU Jin Yeu ● LEE Tunney Fee ● CHEN Ke
- ☐ 1 March 1997
- ❖ CUHK Research Committee Funding

This proposal is to improve and further develop the Housing Information System (HIS) as the part of overall housing research efforts in the Department of Architecture. The HIS is a China housing information database which is accessible via the Internet and CD-ROM. The goal is to centralise housing information and develop dissemination technology that can assist in urban housing development in China. In doing so, the research will study the contemporary urban housing development in China with a focus on housing policy and standards and their impact on housing design. Methodology will be developed for sorting, analysing and presenting research data in multimedia form. The research results will be disseminated through compiling the information on CD-ROM and integrating into the online teaching and research network in the Department of Architecture. (LA96005)

Improving Vertical Circulation for China Affordable Housing: Development and Integration of Optimum Elevator System (OES) for Middle-High-Rise-Housing

- ✍ TSOU Jin Yeu ● LEE Tunney Fee ● ZOU Ying
- ☐ 1 May 1997
- ❖ Otis Elevator Company

The Department of Architecture of the Chinese University of Hong Kong (CUHK) collaborates with China National Housing Technology Development Center under the Ministry of Construction (MOC) and 奥的斯电梯公司 Otis Elevator Company of Asia Pacific Area (Otis(APA)) to establish a Low Cost Low Maintenance Elevator for Middle-High-Rise Housing Research program. The main objectives of the project are to understand the design parameters, the code regulation of the OES implementation, study the construction and mechanical systems for integrating the elevator into China affordable housing. Collecting cost information for the elevator shaft, mechanical equipment and associated construction are also the main important issues to be explored. Understanding the management, maintenance issues

associated with the OES in the China affordable housing and studying the design and construction processes of the building industry in China are also needed to be examined throughout such a project.

The research will be divided into two phases. The first phase will last for 22 months commencing from May 1997. Three OES elevators will be installed into the three experimental housing blocks located at Furongyuan Housing Estate (芙蓉苑) in Changsha city (長沙) as their vertical transportation. And the three elevators will have different specifications in order to explore different scenarios to be studied in the POE phase. This Housing Estate is a Pilot Housing Project initiated by MOC and has been selected to be one of the key urban construction projects in Changsha city.

Undoubtedly, the application of the vertical transportation will be largely beneficiary to the entire country in near future. Since 1980s, the Chinese government has accelerated housing production in order to solve quantity problems in urban housing. As a means to achieving the goal, the utilization of elevator systems is addressed to match with this government strategy. It not only enables the establishment of the High-Rise-Buildings to accommodate much more people but also it can improve the livability and ensure the comfort of the people.
(EE96019)

Climatic Design for Hong Kong

✍ WOO Pui Leng

☐ 1 October 1996

❖ CUHK Research Committee Funding

This is a study of architectural climatic design for Hong Kong. In response to the need for energy efficient environment, this study examines climatic design principles, precedents and strategies. Using field surveys and available literature, this research attempts to collect and synthesize the knowledge and information for Hong Kong. The goal is to promote climatic design among design professionals.
(LA96012)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition Title/Investigators

1995-96 Exporting American Architecture
(LA95002)
✍ CODY Jeffrey

1995-96 The Development of a Courseware on Visual Study in Architecture Using Multimedia Technology (ED95024)
✍ GU Daqing ● KAN Wai Tak Jeff

1995-96 Johannes Prip-Moller: At the Threshold of Chirstianity and Buddhism (LA95009)
✍ HO Puay Peng ● CODY Jeffrey

1995-96 Ceremony, Legitimacy, and Architecture: The Qing Dynasty (CU93205)
✍ LEE Tunney Fee ● LI Andrew I-kang ● HO Puay Peng

1994-95 A Computer-based Teaching Tool for Gable Roof Construction According to the Yingzao Fashi (LA94005)
✍ LI Andrew I-kang ● KAN Wai Tak Jeff ● TSOU Jin Yeu

1995-96 An On-Line Teaching Tool for the Yingzao Fashi (LA95006)
✍ LI Andrew I-kang ● TSOU Jin Yeu

1994-95 The Courtyard House in Beijing, Case Study and Preservation (LA94007)
✍ SUN Frank Chi Hsien

1994-95 History of Chinese Architecture in the Modern Era (LA94008)
✍ SUN Frank Chi Hsien ● GU Daqing ● HO Puay Peng

1995-96 Multimedia-based On-line Learning Courseware for Building and Construction on Slope Sites (SS95025)
✍ TSOU Jin Yeu ● CHU Tah Wen Darwin

1995-96 A Sociological and Environmental Study of Urban Open Space in Hong Kong (LA95001)
✍ WOO Pui Leng

1995-96 Studies in Construction Documentation Systems and Their Control in Major Architectural Practices in Hong Kong (LA95011)
✍ YEUNG Kwong Fai Alfred

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- <P961925> **Cody, Jeffrey W.** "American Planning in Republican China, 1911-1937". *Planning Perspectives* vol.11, pp.339-377. London, 1996.
- <P962051> **Ho, Puay Peng.** "China, §II, 1(i): Architectural Structure and Materials: Timber". *The Dictionary of Art* ed. by Jane Turner. vol.6, pp.637-646. London: MacMillan Publishers Limited, 1996.
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- <P962054> **Ho, Puay Peng.** "China, §XIII, 25(i): Theatre:Architecture". *The Dictionary of Art* ed. by Jane Turner. vol.7, pp.135-136. London: MacMillan Publishers Limited, 1996.
- <P962055> **Ho, Puay Peng.** "China, §VI, 3v-ix Bronzes: Qin-Qing Collections". *The Dictionary of Art* ed. by Jane Turner. vol.6, pp.857-868. London: MacMillan Publishers Limited, 1996.
- <P962218> **Cody, Jeffrey W.** "Striking a Harmonious Chord: Foreign Missionaries and Chinese-Style Buildings, 1911-1949". *Architronic* vol.5 no.3, p.17. Ohio, 1996.12.
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- <P962369> **Woo, Leng.** "CUHK Illumination Project". *Hinge* vol.26, pp.44-46. Hong Kong, 1996.
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- <P962371> **Woo, Leng.** "A Study of Small Open Spaces in Hong Kong". *Yuen Lin: Journal of the Hong Kong Institute of Landscape Architects* pp.43-46. Hong Kong, 1996.09.
- <P962383> **Zhou, Y.S. and F.S. Higgs.** "A Computer Simulation of Wind Environmental Conditions Around a Cubic Building with Different Mathematical Models". *Proceedings of the 8th International Conference on Systems Research, Informatics and Cybernetics* ed. by George E. Lasker. pp.103-112. Germany: International Institute for Advanced Studies in Systems Research and Cybernetics, 1996.08.16.

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- <P962423> **Cody, Jeffrey W.** "Erecting Monuments to the God of Business and Trade: The Fuller Construction Company of the Orient, 1919-1926". *Construction History* vol.12, pp.67-81. London, 1996.
- <P962593> **Brown, W.L.; Joseph Lai; Tsou Jin Yeu and Theodore W. Hall.** "Development of a Training Simulator for Transmission Switchgear Operation". *Proceedings of the 11th Conference of the Electricity Power Supply Industry* vol.3, pp.590-598. Kuala Lumpur, Malaysia: CEPPI, 1996.10.24.
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- <P970237> **Cody, Jeffrey W.** "Site-Management Lessons from Canyon De Chelly, Lascaux, Sigiriya, and Bamian". *Conservation of Ancient Sites on the Silk Road: Proceedings of an International Conference on the Conservation of Grotto Sites*. ed. by Neville Agnew. Conference organized by the Getty Conservation Institute, the Dunhuang Academy, and the Chinese National Institute of Cultural Property. pp.56-61. California, USA, 1997.
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- <P970501> **Plesums, Guntis.** "Physical Models in Teaching Structures: From Basics to Creative Explorations". *Proceedings of the 85th ACSA Annual Meeting and Technology Conference, Architecture: Material and Imagined* pp.108-114. Washington, DC: Association of Collegiate Schools of Architecture, 1997.
- <P970562> 顧大慶. <香港的另類民間建築—貨櫃建築形式初探>. 《建築師》第76期, 頁108-112. 中國北京, 1997.06.
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- <P970643> **Hall, Theodore W.** "Hand-Eye Coordination in Virtual Reality, Using a Desktop Display, Stereo Glasses, and a 3-D Mouse". *Proceedings of the 2nd Conference on Computer Aided Architectural Design Research in Asia* pp.73-82. Taipei, Taiwan, 1997.04.

- <P970668> **Woo, Leng.** "Five Pocket Parks: A Historical Journey into the Urban Fabric of Hong Kong". *The Making of Public Spaces* ed. by Joseph L. Inciong J.R. p.6. Hawaii: School of Architecture, University of Hawaii, 1997.04.
- <P972187> **Cody, Jeffrey.** "Building in Republican China: 1987 Audio Tapes a Decade Later". Paper presented in the 49th Annual Meeting of Association for Asian Studies. USA, 1997.03.14.

RESEARCH PROJECTS

Tied Aid, the Current Account and National Welfare

- ✉ CHAO Chi Chur
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

There is a long history on foreign aid programs, but the massive non-military aid began after World War II and surged in the 1960s. Donor countries gave about US\$50 billion of aid in 1991 to developing countries, and aid averages over 5% and 8% of the recipient country's gross national product (GNP) in 1970s and 1980s.

The goal of non-military aid programs is to alleviate poverty and promote economic growth to the recipient country. To reach this end, most aid is restricted on procurement -- so called tied aid. For example, aid tied to private consumption leads to a forced expenditure pattern, which may alleviate the problem of poverty in the recipient country. Another example is tying aid to imports, thereby serving the purpose of mitigating trade barriers which are commonly imposed by the recipient country. That is why Kemp (1992) writes "aid may be tied to any variables under the control of the recipient government."

For developing countries, capital shortage is the primary cause of low rates of economic growth. One possible solution is to tie aid on procurement of foreign capital. This research will therefore examine economic effects of this type of aid, with emphasis on accumulation of capital, the balance of current account and national welfare. The conditions for which aid could raise capital stock and improve welfare will be investigated. Numerical simulation will be implemented to verify the plausibility of the welfare-improving conditions, which could provide some useful guidelines for country's policy makers. (SS96021)

Privatization Transfers in the Presence of Credit Market Frictions

- ✉ CHUN Mon Jun
- ☐ 28 February 1997
- ❖ CUHK Research Committee Funding

Transitional economies everywhere are attempting to transfer ownership of state assets to the private sector, often through mechanisms that effectively distribute ownership shares to the public for free or at highly subsidized rates. Although these transfer systems have been well-studied empirically and (to a lesser extent) theoretically, there have been no studies that

focus on the potential macroeconomic effects of these large bequests.

This research will develop a general equilibrium growth model to analyze the interaction between privatization policies and various macroeconomic characteristics such as capital formation, investment, welfare, and international asset flows. As an added feature, the model will include a credit market friction so that the interaction between privatization assets and the credit market can be examined. Since the financial and credit systems in most transitional and developing countries are typically inefficient due to the presence of informational problems, this market failure may play an important role in a transitional government's decision to give capital away freely to the public. (BS96001)

Government Expenditure Financing and Economic Growth: International Evidence

- ✉ KWAN Cheuk Chiu
- ☐ 1 February 1997
- ❖ CUHK Research Committee Funding

In the past decade, macroeconomists have focused on how different public policies affect the growth performance of the economy. However, there is an important drawback among the analyses in this literature, that is fiscal and monetary policies are studied separately as independent to each other. It is common sense that any government wishing to increase its spending must decide on how the necessary revenue is to be raised. Thus, fiscal and monetary policies are indeed interdependent in the sense that they are tied together by the government budget constraint.

Recently, this drawback has been noticed and research has been conducted in studying how budgetary policies affect economic growth. Unfortunately, the findings from different theoretical studies are found to be in conflict. For instance, one study (van der Ploeg and Alogoskoufis, 1994) finds that monetary growth boosts growth while another (Palivos and Yip, 1995) obtains the opposite result. In this research project, the researcher tries to shed further light on this issue via empirical methods, using both cross-section and time-series data. (SS96004)

Capital Gains Tax as an Inflation Tax in a Life-Cycle Economy

- ✉ LEUNG Ka Yui
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

For decades, economists have tried to identify channels through which inflation distorts the

economy. Previous studies tend to focus on the distortions on the real side of the economy. This paper highlights the interaction between inflation and distorting tax in the financial market. Several observations motivates this research. First, inflation introduces and upward bias in the calculation of tax base. Second, capital gains is taxed only when the gains are realized. Third, capital is an important channel for economic agents to smooth their consumption over their life cycles. Thus, capital gains tax in the presence of inflation can have a large welfare effect even though their shares in the government budget are relatively small.

In addition, this paper supplements the literature of overlapping generations model with money. In a world with imperfect capital market where all agents consume cash-goods, inflation becomes a vehicle to transfer purchasing power from the older generations to younger generations, who suffer more from the liquidity constraints. This observation makes the welfare analysis here more interesting.

A side product of this research is to provide an algorithm to solve a life-cycle portfolio problem in a general equilibrium context when there are some thresholds in asset trading. Hopefully, it can be modified to study other thresholds in financial markets such as government bonds with large denominations and indivisible household capital investment.

(BS96024)

Productivity Growth Due to the Elimination of Social Insurance

✉ LEUNG Ka Yui

☐ 10 January 1997

❖ CUHK Research Committee Funding

According to Gelb et. al., during the period of the elimination of social insurance, China experienced substantial productivity growth which leads to higher economic growth rate. This paper provides a simple model to mimic this fact. In particular, this paper wants to investigate whether (and when) will perfect social insurance (socialism) or the total absence of social insurance will be the optimal policy.

In contrast to be the previous literature, although the economic growth rate and the income inequality are positively correlated, the path of economic development and the welfare of the agents are unaffected by the initial income distribution. While this result should be taken literally, it demonstrates that the path of development might not depend on the "take-off day" income distribution as much as was perceived.

(BS96002)

Optimal Subsidy Rule in Transition Economies

✉ LIU Chun Wah

☐ 16 August 1996

❖ CUHK Research Committee Funding

State subsidies and cheap credit to state-owned enterprises (SOEs) in transition economies pose a difficult question to economists: Without subsidies, SOEs would not be able to purchase the capital necessary for restructuring; with subsidies, SOEs might not start the restructuring at all. This study attempts to provide an answer to this question by examining the "constructive" role of state subsidies in inducing the restructuring of SOEs.

The theoretical model in this study attempts to show that in order to induce managers' restructuring effort, the optimal subsidy rule involves decreasing subsidy payments to the SOE before restructuring, followed by taxation with constant tax rate after restructuring. This constant tax rate should increase with the length of time duration of subsidy payments. The study also attempts to provide some rough estimates of the potential cost saving of the optimal rule. Using firm-level micro data in China and Poland, the theoretical implications obtained above will be tested.

The significance of the study lies in its obvious policy implications. In all transition economies, policy-makers invariably ask this question: what policies induce SOEs to restructure and to become more efficient? This study attempts to provide an answer based on both theoretical modeling and empirical evidence on how declining state subsidies and bank loans and post-restructuring taxation can be used to encourage restructuring.

(SS96022)

The Role of Economic Analysis in Tackling Income Disparities in Hong Kong and between Hong Kong and the Mainland

✉ NG Yew Kwang

☐ 24 February 1997

❖ CUHK Research Committee Funding

The project plans to use three areas of economic analysis that the investigator has recently made contributions, namely: (1) the welfare economics of efficiency-equally trade-off; (2) the economics of migration and population; and (3) the economics of intersectoral relationship, to help distinguish efficient and inefficient policies in dealing with the problems of income disparities in Hong Kong and between Hong Kong and the Mainland. The conceptual analytics that the investigator has developed before will be adapted and applied to the specific conditions of Hong Kong and the Mainland to address the issues. The following problems will be analysed:

(1) How can the message of positive (i.e. beneficial) inter-dependence (between different sectors, regions, and groups of people) be better conveyed to the general public and policy makers?

(2) What are the efficient measures to reduce income disparities within Hong Kong?

(3) What is the appropriate policy with respect to immigration into Hong Kong?

(4) What can Hong Kong do, without imposing an excessive costs on itself, to help the development of the Mainland and hence reduce the disparity between the two regions?

The results of this research may help to avoid the adoption of drastic measures that would make both sides and all groups worse off in the long run.

(SS96005)

Feasibility Study on Equal Pay for Work of Equal Value

✉ SUNG Yun Wing ● ZHANG Junsen ● NG Sek Hong* ● HEMPEL Paul*

☐ 1 March 1997

❖ Equal Opportunity Commission

This study will review and evaluate the experience of equal-value policies in the United States, the United Kingdom, and Canada, and the effectiveness and shortcomings of their job evaluation systems. The feasibility of implementing pay equity in Hong Kong will be studied through analysis of : (1) The local gender gap in employment and earnings (Has the gender gap narrowed? How serious is the local situation relative to that overseas? To what extent is the gender gap caused by labour market discrimination, as opposed to differences in education & experience?), (2) the local management system (in-depth interviews of corporations and trade union centres to ascertain the problems that local firms and employees may have with pay equity), and (3) costs and side effects of introducing pay equity in the context of the local labour market and local management systems. If the introduction of equal value is found to be feasible, preferred methods of introducing pay equity will be proposed. Alternative options to pay equity will also be examined, including facilitating policies (improved daycare, education/training opportunities for women etc.), educational policies, and strengthening existing anti-discrimination policies.

(SS96017)

A Simple Endogenous Growth Model with endogenous Fertility: Indeterminacy and Uniqueness

✉ YIP Chong Kee

☐ 1 October 1996

❖ CUHK Research Committee Funding

This proposal studies the transitional dynamics and indeterminacy of equilibria in an endogenous growth model with endogenous fertility choice. The researchers attempt to characterize the conditions that give rise to a unique equilibrium as well as multiple equilibria. They explore the plausible relation between multiplicity and indeterminacy of dynamic equilibria. Parameterized examples will be given to assess the empirical feasibility of our results. The validity of the neo-Malthusian relation between fertility and growth will then be re-examined. Finally, they study the relation between growth and welfare and compare different balanced growth equilibria in terms of their lifetime attained utility. This research can enhance our understanding significantly on the relation between population growth and economic growth.

(SS96024)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition	Title/Investigators
1995-96	Estimating Structural Change Models with Nonstationary Regressors (PS95044) ✉ CHONG Tai Leung
1995-96	The Political Economy of China, Japan and Taiwan Development: An International Comparison (AB93054) ✉ HSUEH Tien Tung ● ITO Shoichi* ● MURAOKA Teruzo*
1995-96	China's National Economic Accounting System in Theory and Practice (SS95051) ✉ HSUEH Tien Tung ● LI Qiang* ● XU Xianchun* ● LIU Liping* ● WU You* ● QI Shuchang*
1995-96	Economic Assimilation of Migrants in a Changing Economy: The Experience of Hong Kong and China (SS95035) ✉ LIU Pak Wai
1995-96	A Comparative Study of Economic Development and Reforms in the Yangtze Delta and the Pearl River Delta (CU94221) ✉ SUNG Yun Wing ● LAU Pui King* ● LIU Pak Wai ● LUK Yim Fai* ● WONG Richard Yue Chim*
1995-96	Rural Welfare in China: Trends, Inequalities and Polarization (SS95028) ✉ TSUI Kai Yuen
1995-96	A Characterization of Producer Rationality (PS95045)

- ✍ WONG Kam Chau and Transfers: An Analysis of China's Twins Data (SS95020)
- 1995-96 Welfare and Growth for a Small Monetary Economy under Quota Distortions (SS95029) ✍ ZHANG Junsen ● LIU Pak Wai ● BEHRMAN Jere* ● ROSENZWEIG Mark*
- ✍ YIP Chong Kee
- 1995-96 Gender Bias, Sex Selection, and Intergenerational Transfers (CU95201) 1995-96 Did China's Collective Farming System Reward Human Capital Investment? (SS95062)
- ✍ ZHANG Junsen ✍ ZHANG Junsen ● LI Tianyou (Finance)
- 1995-96 Returns to Schooling and Intrafamily Allocation in Human Capital Investments

RESEARCH OUTPUTS AND PUBLICATIONS

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- <P962805> **Ng, Yew-Kwang.** "The Enrichment of a Sector (Individual, Region or Country) Benefits Others: The Third Welfare Theorem?". *Pacific Economic Review* vol.1, pp.93-115. England, 1996.09.

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- <P962929> **Wong, Kam-Chau.** "Computability of Minimizers and Separating Hyperplanes". *Mathematical Logic Quarterly* vol.42, pp.564-568. 1996.
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- <P963014> **Mok, Victor. ed.** *Journal of Economic Methodology.* vol.3 no.2, 370 pgs. UK, 1996.12.
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see also <P963392>, <P963576>

RESEARCH PROJECTS

Modeling Organic Pollutants in Tolo Harbour for Waste Load Allocation

- ✉ CHEN Yongqin
- 15 February 1997
- ❖ CUHK Research Committee Funding

Tolo Harbour is an important marine water body located in the northeastern part of Hong Kong's New Territories. Because of the increasing polluting loads and the limited capacity of the system to assimilate anthropogenic pollutants, the water quality conditions of the Harbour, especially organic pollution and the resulting eutrophication, have been dramatically deteriorating over the past two decades. In order to develop an effective tool for water environment restoration and protection, a comprehensive water quality and watershed modeling study is pressingly needed for the Harbour and its catchment. The first phase of this study is proposed for conducting calibration and validation of a hydrodynamic and water quality model for the receiving water body. The Water Quality Analysis Simulation Program - 5 (WASP5), a highly acclaimed surface water quality model developed and supported by the United States Environmental Protection Agency, will be adopted and applied to simulate the dynamics of Biological Oxygen Demand (BOD₅) and nutrients (nitrogen and phosphorus) in Tolo Harbour. This modeling effort will establish the dynamic relationship between the input of pollutants and the spatial and temporal distribution of water quality constituents. A variety of management-oriented applications of site-specific water quality predictions by the modeling system can be made to support environmental decision-making. An important and direct application is waste load allocation that translates ambient water quality objectives into end-of-pipe effluent limits for individual dischargers and acceptable non-point source loadings. (SS96006)

Detection of Climatic Change in Hong Kong Using an Automated Synoptic Climatological Approach

- ✉ CHENG Shouquan
- 1 March 1997
- ❖ CUHK Research Committee Funding

The objective of this study is to develop an automated synoptic climatological categorization for a year round in Hong Kong to determine climatic trends over the past 50 years. The synoptic methodology, using principal components analysis and average linkage clustering procedure, objectively assigns each day into a particular air mass. The

categorization is used to determine if the frequencies of occurrences of the coldest and hottest air masses have changed and if the physical characteristics of those air masses have shown signs of modification from 1947 to 1996. The air mass-based approach used in this study is superior to other methods using mean annual temperature record. One reason might be that climate changes could be too subtle to be detected through evaluation of mean annual temperatures, which does not discriminate between air masses. The procedure and results in this study can be used for a variety of environmental analyses, such as regional climatic classification, precipitation variability, human health analysis, and air pollution studies. (SS96007)

Hyperspectral Measurement of Typical Surface Covers in Hong Kong

- ✉ FUNG Tung ● GONG Peng* ● LIN Hui
- 1 October 1996
- ❖ Research Grants Council

New sensors mounted on satellites are able to acquire images in dozens to hundreds of narrow spectral bands (10-30nm). In order to use these hyperspectral data, a systematic knowledge of the hyperspectral characteristics of various surface covers is of critical importance.

In this research, the researchers intend to:

- (1) measure hyperspectral reflectances of a selected number of surface cover types that, if imaged from satellites, would dominate in an imaged scene. A GIS will be used to capture all the hyperspectral reflectances from which long term monitoring is possible.
- (2) assess the hyperspectral identification and separability of various cover types, particularly vegetation types dominate forest stands in Hong Kong.

This basic research will provide the remote sensing community an important reference for the analysis of satellite hyperspectral images acquired in Hong Kong and its surrounding area for environmental applications. (CU96223)

Variable Programming - A Paradigm for Solving Dynamic Spatial Decision Making Problems with Variable Objectives and Constraints

- ✉ LEUNG Yee ● XU Zongben*
- 1 October 1996
- ❖ Research Grants Council

The purpose of this project is to develop a novel multi-objective optimization paradigm, christened variable programming, to solve dynamically multi-

objective spatial optimization problems with a large number of conflicting objectives and constraints and a non-decomposable structure. With the paradigm, models can be constructed to efficiently and effectively solve real-life decision problems. The paradigm not only has a formal representation, but also has a lucid geometric and physical interpretation closely linked to the biological problem solving process.

The significance of the project lies in its ability to handle non-decomposable structures and variable objectives and constraints. Its linkage to the cerebral cortex will also tie optimization nicely with evolution systems. The research will advance a new frontier in decision analysis and provide practical means to solve complex decision problems facing the world in general and Hong Kong in particular.

(CU96217)

GIS-Based Multimedia Information System on Investment Environment Analysis for Development Zones along the Beijing-Kowloon Railway

✉ LIN Hui ● YE Shun Zan* ● SUI Daniel Z.*

☐ 1 September 1996

❖ Research Grants Council

The broad goal of this research is to improve existing decision-making procedure for investment and to provide a new channel for regional economic development by upgrading the methods of data organization, data analysis, and data presentation. Particularly, the researchers propose to design and develop an investment information system for the development zones along the Beijing-Kowloon Railway (BKR) which consists of the following functions:

- (1) access to investment environment information about BKR through multimedia user interface and electronic network;
- (2) assessment of investment environment with a modeling support system;
- (3) analysis of users' assessment for regional economic development.

The results expected from this project will include:

- (1) a software system to support the functions mentioned above;
- (2) a geo-coded database to support analysis and presentation;
- (3) academic publications on journals and conference proceedings.

(CU96211)

Analyzing and Forecasting China's Inter-provincial Migration Using a GIS Approach

✉ SHEN Jianfa

☐ 1 September 1996

❖ CUHK Research Committee Funding

The enormous and still expanding population in China has been and will be a strategic element in China's struggle toward development and modernization. Large amount of surplus rural labors and rising urban unemployment have led escalating number of floating population and migrants moving around in the country from rural to urban areas and from one province to another. How the rapidly changing regional economic structure and spatial development affect the direction and size of migration? How population and migration is responding/over-responding to the changing demand of labor in various areas? This research will make use of the recent population Census and survey data in 1987 and 1991 to investigate these issues. A GIS and modeling approach will be adopted. Specifically, relevant migration data will be collected and stored in a GIS system based on Arc/Info at first. Then a migration model will be developed to model the migration system. Finally, simulations assuming different regional development and migration policies will be carried out and be visually analyzed using the GIS system.

(SS96025)

Spatial Economic Re-structuring and Urbanization in Zhujiang Delta

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

☐ 1 March 1997

❖ CUHK Research Committee Funding

The Zhujiang Delta region, including Hong Kong and Macao, have experienced astonishing growth in recent decades. Such kind of remarkable growth is rare either in history or anywhere in the world. This process is made possible by China's open-door policy and economic reforms, and equally important, by the diffusion of capital, technology and management skills from Hong Kong.

The development in Zhujiang Delta has profound impacts on the spatial, social and economic structures and the urbanization process in the region as well as in South China. This project aims to examine three main issues:

- (1) Spatial economic restructuring in Zhujiang Delta.
- (2) Spatial population change and urbanization in Zhujiang Delta.
- (3) Potential for integrated development and development challenges in Zhujiang Delta.

(SS96008)

Fujian: A Coastal Province in Transition and Transformation

- ✉ YEUNG Yue Man ● CHU David Kim Yee
- 1 March 1997
- ❖ Lippo Fund for Urban Research

The project reviews and evaluates recent developments and changes in Fujian under China's open policy since 1978. It is a comprehensive attempt to study Fujian's development across a wide range of subjects. Over 20 scholars in Hong Kong and elsewhere participates in this project. It is in the same mode of cooperation as recently published studies on Guangdong and Shanghai. (SS96044)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition Title/Investigators

- 1995-96 Sustainable Development and Optimal Resource Allocation in the Three Gorges Reservoir Region of China (CU94217)
✉ CHAU Kwai Cheong ● LIN Hui ● FUNG Tung ● HUANG Shida* ● LAM Kin Che ● LEUNG Yee ● TANG Wing Shing
- 1995-96 An Object-oriented Knowledge-based Image Analysis System for Environmental Monitoring Using Remote Sensing and Geographic Information Systems (CU93208)
✉ FUNG Tung ● LEUNG Kwong Sak (Computer Science & Engineering) ● LEUNG Yee
- 1995-96 Prediction and Reality: Auditing Environmental Impact Assessments in Hong Kong (CU95211)
✉ LAM Kin Che
- 1995-96 Overnight Traffic Noise Measurement in Hong Kong: Comparison with Criteria for Sleep (PS95018)
✉ LAM Kin Che
- 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 An Environmental Decision Support System for Water Pollution Control of the Tidal River Network in the Pearl River Delta (AB94010)
✉ LEUNG Yee ● LAM Kin Che ● LEE Yuk* ● ZENG Fan Tang* ● LIN Kui* ● CHI Tian-he* ● ZHANG Chao-sheng*
- 1995-96 A Neural Network Approach to the Solution of Multiple-Source/Multiple-Destination Communication Problems in Space and Time (CU94209)
✉ LEUNG Yee ● XU Zhongben*
- 1995-96 Knowledge Acquisition for Spatial Inference Using Genetic Algorithms (CU95216)
✉ LEUNG Yee ● LEUNG Kwong Sak (Computer Science & Engineering)
- 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*
- 1994-95 Design and Compilation of an Electronic Atlas of Jiangxi Province - An Expanded Hinterland of Hong Kong Economic Region (SS95007)
✉ LIN Hui
- 1995-96 A Gis-based 3-D Modelling Support System for Coast Change Analysis (CU95212)
✉ LIN Hui ● LU Guonian*
- 1995-96 Urban Agglomeration in Coastal Fujian (SS94094)
✉ YEUNG Yue Man ● CHU David Kim Yee ● CHEN Jiayuen* ● HU Xuwei*
- 1995-96 World Cities and Urban Future (SS95050)
✉ YEUNG Yue Man ● LO Fu-chen*

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see also <P951770>, <P962741>, <P963192>, <P963338>, <P971302>

RESEARCH PROJECTS

The Role of the State in Economic Transformation: A Comparative Study of the Politics of Privatizations in China and Russia

- ✉ MA Shu Yun
- ☐ 1 September 1996
- ❖ Hong Kong Institute of Asia-Pacific Studies, CUHK

This research aims to study the role of the state in economic transformation, using privatizations in China and Russia as comparative case studies. In China, while there has not been any official privatization programme due to political and ideological reasons, significant amount of state assets have actually been transferred to private hands through conversion of state enterprises into shareholding companies. The process has been obscure and gradual, conducted under the camouflage of "shareholding economic reform". In Russia, a series of privatization schemes, involving large-scale sales and free distribution of state assets, have been introduced. Comparing to China's case, the reform in Russia has been much more formal, open and rapid. How can we account for such differences? The research will test the hypothesis that the strength of the state is a major determinant of the form and outcome of privatization. (SS96041)

From Ideology to Factionalism: The Deng Liqun Faction in China's Reform Politics

- ✉ WU Guoguang
- ☐ 15 September 1996
- ❖ CUHK Research Committee Funding

For several generations the scholars in the field of China studies have debated over such questions: Is the nature of Chinese communist politics formal or informal? Is ideology or factionalism better to explain political behaviour of Chinese leaders? This research project will contribute to this scholarly discussion by bridging ideology and factionalism with the reference of a critical case: the Deng Liqun faction. Deng Liqun, a former propaganda head and a member of the Central Secretariat of the Chinese

Communist Party (CCP), is a powerful leader in China through the whole reform years known as the "underground General Secretary" of the CCP and the Tsar of ideological and cultural affairs. His political power lies in his big team, members of which disperse in critical positions. How could Deng Liqun establish such a personnel network? Why is this faction such influential in the reform years? This research project will investigate the origins, organizations, and operations of this faction, to explore how the official ideology is taken for advantages in factionalism politics. This research project thus will answer how the formal and informal dimensions are related to each other under the Chinese institutions. (SS96027)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition	Title/Investigators
1995-96	Constitutionalism and Human Rights in Asia (SS94092) ✉ DAVIS Michael C.
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
1989-90	Criminal Courts in Hong Kong (AB90061) ✉ LO Man Chiu
1995-96	Bureaucratic Phenomena and the Making of Chinese Public Policy (SS95055) ✉ TSAO King Kwun
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see also <IA97003>, <P971648>

RESEARCH PROJECTS

Is the Grass Greener on the Other Side? An Investigation of Media's Impact on Chinese People's Perceptions of Hong Kong

- ✉ CHEN Huai Lin
- ☐ 1 January 1997
- ❖ CUHK Research Committee Funding

This study investigates how residents in a southern city of China react to two competing sources of information about Hong Kong, one from Chinese government and one from Hong Kong. Several criteria for judging effects have been specified, including: information level, perceptions of Hong Kong and its people, and Hong Kong-related behavioral intentions.

The main theoretical framework is the cultivation analysis and several other related perspectives. The main emphasis is placed on a cultivation explanation of the mass media-perception relationships. In addition, the role of personal experience in the process is also examined. The researchers' theoretical contribution is reflected in three sets of key research questions proposed.

A survey of an anticipated 1,100 Guangzhou residents will be conducted and the subsequent data analysis is expected to provide empirical evidence for their research hypotheses. Findings generated in this study will also be used as part of a large scheme designed to study the complex relationships between social reality, media reality, and perceived reality. (SS96028)

Uses and Impacts of New Media Technologies in Hong Kong

- ✉ LEUNG Wing Chi Louis ● WEI Ran
- ☐ 1 February 1997
- ❖ CUHK Research Committee Funding

With the advent of a vast array of new media technologies such as cable television, VCRs, personal computers, mobile phone, pager, karaoke stereo systems, CD, VCD, and DVD, etc., new media fundamentally expand the repertoire of media available to people. In so doing, they fragment and polarize the "mass" audience into narrow viewer/user groups or cultures. Hong Kong is one of the fastest growing city in Asia in adopting pagers and second in the world after Singapore in owning mobile phones. The current research will examine the impact of new media on other old media in the context of a person's total media environment in a typical Hong Kong household. Using telephone interviewing method, this study will specifically examine the manner in which new media are adopted, the range of social and

cultural effects, gratifications sought and obtained with various new communication technologies and how it differs from those experienced via conventional media such as print, broadcast, and film, and how new media technologies complement or displace other communication behavior. A study on the uses and impact of new media technologies in Hong Kong such as this one is timely because Hongkong Telecom, the largest telecommunications provider in Asia and ninth-largest in the world, already operates a fully digital network and plans to roll out a broad range of interactive services--most notably, video-on-demand(VOD), but also home shopping, home banking and Internet access. To the researchers' knowledge, there is little research on new media technologies in Hong Kong. The proposed study will hopefully fill the gap when it is completed. (SS96009)

Chinese Cultural Values and Exposure to Western Mass Media

- ✉ McINTYRE Bryce Telfer ● DONG Qingwen*
● XIA Xueluan*
- ☐ 1 October 1996
- ❖ CUHK Departmental Funding

Three-nation study of correlational relationship between belief in Chinese cultural values and exposure to western media content. Value measures will be drawn from Chinese Culture Connection and Research Value Survey. About 700 young Chinese respondents from California, USA, Beijing and Hong Kong will be sampled, for total sample size of 2,100. (SS96038)

Patterns of Media Commercialisation in Four Chinese Cities: A Comparative Study on Journalistic Reform Activities and Uneven Political Economic Development

- ✉ PAN Zhongdang
- ☐ 2 January 1997
- ❖ CUHK Research Committee Funding

Building upon the earlier research on China's journalism reforms, this study is designed to probe deeper into the issue of different patterns of journalistic reform activities associated with different political economic conditions among different regions in China. The study involves field observations of selected media organizations and in-depth interviews of selected journalists and media managers in three major cities in China: Guangzhou, Chengdu, and Xi-an. Together with my earlier field study in Beijing, the evidence gathered in this study will allow the researcher to develop an empirically grounded theoretical account of the relationships between patterns of journalism reforms and local

political economic conditions and to describe the potential interactions among these regions. (SS96010)

SO York Kee Clement ● CHEN
Huai Lin ● WEI Ran

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition Title/Investigators

1995-96 Mass Media and Political Transition in Hong Kong (AB86012)
✍ CHAN Joseph Man ● LEE Chin Chuan

1995-96 Journalists in Greater China (SS95073)
✍ CHAN Joseph Man ● PAN Zhongdang ● LEE Chin Chuan ●

1994-95 Mass Media and Cross-Cultural Communication: The Case of the Philippines (SS94068)
✍ KENNY James

1995-96 Mass Media and Political Transition in Hong Kong (CU95208)
✍ LEE Chin Chuan ● CHAN Joseph Man ● KENNY James ● KU Agnes* ● McINTYRE Bryce Telfer ● SO York Kee Clement ● STONE Robert John ● TO Yiu Ming* ● WILLNAT Lars Hilmar ● MA Eric K. Y.*

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- <P971670> **Ma, Kit Wai Eric.** "Mediated Re-sinicization: Re-constructing the Chinese/Hong Kong Identity". Paper presented in the Conference on Identity and Sovereignty Change, organized by China Graduate School of Theology. Hong Kong, 1997.05.
- <P971671> **Ma, Eric Kit-wai.** "A Thick Description of *Electronic Memory*". (Presented in the 5th International Symposium on Film Television and Video). *Media Globalization in Asia-Pacific Region* Taiwan: Fu Jen Catholic University, 1997.05.
- <P971672> **Ma, Eric Kit-wai.** "Re-inventing Hong Kong: Memory, Identity and Television". Paper presented in the 1997 Annual Conference of the International Communication Association. Canada, 1997.05.

- <P971673> **Ma, Eric and Anthony Fung.** "Mediated Resinicization and Nationalization of the Hong Kong Identity". Paper presented in the Annual Conference of International Communication Association. Canada, 1997.05.
- <P971674> **Ma, Kit Wai Eric and Anthony Fung.** "Gender Stereotypes and Media". *A Baseline Survey of Equal Opportunities on the Basis of Gender in Hong Kong* pp.13-19. Hong Kong: Equal Opportunities Commission, 1997.
- <P971675> **Chan, Joseph Man; Eric K.W. Ma and Clement Y.K. So.** "Back to the Future: A Retrospect and Prospects for the Hong Kong Mass Media". *The Other Hong Kong Report* ed. by Joseph Cheng. pp.455-481. Hong Kong: The Chinese University Press, 1997.

see also <IA97003>

RESEARCH PROJECTS

Identifying the Psychosocial Correlates of Condom Use by Female Sex Workers in Hong Kong

✍ CHAN Kwan Shing Darius ● GRAY Ann* ● IP Ann*

☐ 1 June 1997

❖ Hong Kong Aids Trust Fund

The present study is designed to investigate factors affecting condom use by female sex workers in Hong Kong. The sample of respondents will consist of 150 female sex workers in the Yau Ma Tei and Sham Shui Po neighbourhood. They are mainly streetwalkers or sex workers who work in villas. During a 30-minute interview, respondents will be interviewed individually and will be asked questions regarding their condom use practice. These questions are designed to measure various factors that have been found to be related to female sex workers' condom use behaviour in other countries. A pilot study will also be conducted to see if additional variables that are specific to the Hong Kong respondents should be added to the questionnaire. Through multiple regression analysis, the predictive power of each of these factors in predicting female sex workers' condom use can be examined. These results will have significant implications for designing effective intervention programs targeting at increasing condom use by female sex workers in Hong Kong. (SS96045)

The Chinese University Neuropsychological Battery for Adults (CUNBA): A Pilot Study

✍ CHAN Sui Yin

☐ 1 October 1996

❖ CUHK Research Committee Funding

Brain-damage affects people of all ages. Common brain-damage includes Down's symptoms, autistic and learning disability in children, head injuries due to accidents in adolescents, and stroke and Alzheimer's disease in elderly. Despite that brain-damage is a common disorder, a well-developed neuropsychological battery is not available for assessing these patients in Hong Kong. A well-developed neuropsychological battery is very important for improving the health service and education in Hong Kong because a reliable neuropsychological assessment provides information on how damage to the brain affects patients' behavior and daily function. In turn, those information can help the clinicians to provide better pharmacological and social-psychological intervention, and help

teachers and special education professions to design better program for children with developmental neurological illnesses or learning disability. Therefore, the purpose of this study is to collect some pilot data that will pave the way for the development of a standardized neuropsychological battery that is reliable and valid. More important, the normative data that will be collected is applicable to the general population in Hong Kong. (MD96123)

Understanding Event Schema in Schizophrenia

✍ CHAN Sui Yin

☐ 1 April 1997

❖ CUHK Research Committee Funding

The goal of the proposed study is to examine the event schema in patients with the diagnosis of schizophrenia. This experiment will include three tasks. The first is a free-recall task in which the subject will be required to describe the typical things that happen when a person goes to a restaurant. In the second task, each subject will be asked to judge the frequency of 8 typical and 8 atypical events that occur when going to a restaurant. The third is a sequencing task in which 8 typical events that occur when going to a restaurant are present in a random order and the subject is required to put the events in the correct order. These three tasks will provide information about the structural organization and the processing of event schema. It is hypothesized that the frontal system, which is atrophy in Schizophrenia patients, is vital for the normal organization and processing of event schema. Therefore, Schizophrenia will demonstrate abnormal schema that consist of atypical features, abnormal associations between features, and alternations in the sequencing of features. Since it remains controversial as to whether semantic memory deficit of Schizophrenic is attributable to a structural breakdown or to an accessing difficulty, the results of this study will shed some light on this issue. (MD96024)

Brain Dynamics in Perception and Attention

✍ CHAN Tin Cheung

☐ 1 February 1997

❖ CUHK Research Committee Funding

This project aims at setting up a research project on brain dynamics along with researchers at the Center for Complex System and Brain Sciences in Florida Atlantic University (S. Kelso and S.L. Bressler). Research in binding problem with single cell recording will be carried out with EEG and the result will be extended to the explanation of selective attention.

Two experiments in perception and attention will be conducted. In the study of perception, the researcher will examine perception of apparent movement: A set of bars appear oscillating between two places as they are flashed on and off. The researcher will follow the paradigm in synergetics by the manipulation of a control parameter (frequency of flashing) to observe changes in the order parameter (coherence between different brain areas). It is expected that when the frequency of flashing is increased gradually, coherence oscillation between cortical region of MT (responsible for movement) and IT (responsible for shape) will shift suddenly. In the study of attention, participants will be recognized to attend a word or a picture which are presented simultaneously. In attending to words, brain regions for word shape, and semantics are expected to be synchronous. Such relationship would not hold in attending to pictures. In both sets of experiments, brain activities will be monitored by measuring EEG which will be analyzed by inter-region correlation and coherence analysis. Results of this project will contribute to the understanding and application in perception and attention.
(SS96011)

Semantic Activation in Chinese Spoken-Word Processing

- ✉ CHEN Hsuan Chih
- ☐ 1 October 1996
- ❖ CUHK Research Committee Funding

The aim of the project is to investigate the nature of semantic activation when a Chinese word is heard and the time course of related processing. On-line research techniques will be used in a series of experiments to tap into the early, automatic processes of semantic activation and word recognition in Chinese. The results will be compared with those from related studies in other languages to advance our knowledge in the auditory word processing in general and Chinese spoken-word processing in specific.
(SS96029)

Auditory Word Recognition in Chinese

- ✉ CHEN Hsuan Chih
- ☐ 1 January 1997
- ❖ Research Grants Council

The aim of the project is to investigate empirically how Chinese words are auditorily perceived and processed. A set of experiments will be carried out to explore the issue of how efficiently lexical tone is processed relative to other segmental dimensions, and the issue of how lexical tone processing is affected by the listener's linguistic experience. Another set of

experiments attempts to identify prominent functional units of Chinese spoken word processing.
(CU96203)

Lexical Semantic Representation and Processing

- ✉ CHEN Hsuan Chih ● MARSLEN-WILSON William D.*
- ☐ 1 January 1997
- ❖ UK/Hong Kong Joint Research Scheme, the British Council

The project will investigate the mental processes involved in accessing the meanings of Chinese words during spoken language comprehension. The data will provide important cross-linguistic constraints on current theories of spoken word recognition. The objectives of this project are to:
(1) identify a set of factors that may be critical in lexical semantic processing in Chinese;
(2) design and carry out research to study lexical semantic processing in Chinese;
(3) compare the data in Chinese with those in existing English studies; and
(4) prepare for further collaborative research according to the results of the proposed study.
(SS96001)

The Specificity of Visual Deficits and Phonological Deficits of Children with Reading Disabilities as a Function of the Type of Written Language System

- ✉ HO Suk Han C.
- ☐ 1 February 1997
- ❖ CUHK Research Committee Funding

Past research has shown that visual skills are essential for the success in learning to read Chinese whereas phonological skills are important in learning to read alphabetic scripts. Therefore, those who are poor in visual skills may find reading Chinese difficult while those who are poor in phonological skills may encounter difficulties in reading alphabetic scripts. This proposed study is set out to examine the specificity of this performance deficit (visual vs. phonological) of reading disabled children in learning to read two different writing systems--Chinese and German. Findings of this study will have significant educational implications for the identification and teaching of Chinese and German children with reading disabilities.
(ED96006)

Structure and Content in Chinese Children's Narrative Production

- ✉ LEE Yuh Shiow
- ☐ 1 December 1996
- ❖ CUHK Research Committee Funding

This project is a part of the Earmarked Grant proposal 1996-1997. In this particular part of the study, the development of both written and spoken narrative productions in Chinese children will be investigated. The purpose of the present study is to investigate the influences of language factors on the development of written and spoken narrative production. This study examined both written and spoken narratives produced by different ages of Chinese children who write in the same language but speak two different dialects. Fifth and third graders whose native spoken language was either Mandarin or Cantonese will be asked to both write and tell stories based on two sets of prompt word outlines. All narrative passages are analysed in terms of the content elaboration and the narrative structure. (ED96015)

A Psychological Study of Conflict Processing Behavior

- ✍ LEUNG Kwok
- ☐ 13 August 1996
- ❖ Research Grants Council

A general framework based on the concepts of harmony enhancement and disintegration avoidance is proposed for understanding the conflict handling behavior of Chinese. For high intensity conflict, the motive of harmony enhancement should be salient, and strategies such as mediation and negotiation would be employed to handle a conflict. For low intensity conflict, the motive of disintegration avoidance which refers to a tendency to maintain a social relationship and to avoid its disintegration, should be salient.

Strategies such as conflict avoidance would be adopted. A number of factors can affect the relative salience of these two motives. To test this general framework, two studies are proposed. The first study will survey a group of citizens and ask them about the way in which they resolved a recent interpersonal conflict. They will be asked to describe their salient motive during the conflict, the nature and characteristics of the conflict, the characteristics of the opponent, and the perceived outcome of the conflict. The second study involves the presentation of a conflict scenario to respondents and ask them how they would handle the hypothetical conflict described as if they are one of the disputants. The effects of three factors will be investigated: conflict intensity, nature of conflict, and personality of the opponent. The second study will shed light on how these three factors affect the relative salience of the two motives proposed. (CU96216)

A Psychological Study of Management Processes in Joint Ventures in China

- ✍ LEUNG Kwok
- ☐ 1 March 1997
- ❖ CUHK Research Committee Funding

Local staff who work in joint ventures in China may have a tendency to attribute work difficulties to cultural differences between them and the expatriate manager. The present project examines three factors that influence the strength of this tendency. It is hypothesized that the salience of the "foreignness" of the managerial practices of the foreign partner, the perceived salary differential and its unfairness between local and expatriate staff, and the disliking toward the culture of the expatriate managers tend to increase this bias. A study based on surveying a sample of local staff who work in joint ventures in the Shanghai area will be conducted to explore these hypotheses. (SS96012)

Disaster Stress, Personal Resources and Post-traumatic Stress Disorder (PTSD) in Victims of Gar Ley Fire Disaster: A Study at Sixth Month Postincident

- ✍ LEUNG Wing Leung P.
- ☐ 1 March 1997
- ❖ CUHK Research Committee Funding

The research aims at studying the vulnerability and resilience factors associated with psychopathology in the victims of Gar Ley Fire Disaster at the sixth month postincident. Subjects reporting Post-traumatic Stress Disorder (PTSD) will be compared with those reporting no evidence of PTSD or other psychopathology on incident-related, personal and environmental resources variables. One hundred subjects will be recruited and interviewed with an assessment protocol. The results will shed light on the characteristics of the high-risk disaster group and factors which are helpful to resilience. Such evidence-based knowledge would be useful for designing effective disaster intervention strategies. To further understand the long-term impacts of disaster, a two-year prospective study based on the present research will be submitted to the Health Services Research Fund for support. (SS96013)

Psychosocial Adjustment of Overweight Adolescents in Hong Kong

- ✍ LEUNG Yiu Kin Freedom
- ☐ 1 October 1996
- ❖ CUHK Research Committee Funding

Overweight is an increasingly prevalent physical condition among children and adolescents in Hong Kong. Research in the West indicate that many overweight youngsters suffer psychologically from their physical condition. They are more likely to develop negative body- and self-image problems, more preoccupied with their body, and are more likely to develop eating disturbances. The psychosocial adjustment of overweight Chinese adolescents in Hong Kong, however, has seldom been examined. The present study will examine the psychosocial profiles of overweight youngsters in Hong Kong. Potential sex differences in psychosocial adjustment of overweight adolescents will also be explored. About three to four thousand high school students will be recruited to participate in this study. Subjects will complete measures assessing weight status and various aspects of psychosocial adjustment. Findings from this study will help us understand the impact of overweight on the psychological adjustment of Chinese adolescents in Hong Kong. Knowledge in this area will have direct implications for future intervention. (SS96030)

Models of Word Reading Development in Chinese Children

- ✉ McBRIDE Catherine
- ☐ 15 March 1997
- ❖ CUHK Research Committee Funding

The study integrates research from linguistics and psychology in an attempt to develop a comprehensive three-stage model of early reading development in Chinese children. In the first stage of the model, basic capacities of speech perception, short-term verbal memory, attention, articulation, and cognitive ability emerge. In a second stage of the model, these basic capacities contribute to subsequent naming speed and phonological awareness, conceptualized as phonological processing skills. Finally, in stage three of the model, these phonological processing skills predict subsequent word reading, which, in turn, are bi-directionally associated with phonological processing abilities. Thus, the effects of speech perception, verbal memory, attention, articulation, and cognitive ability on subsequent word reading are proposed to be indirect--through their associations with phonological processing skills.

The research will follow the growth of 90 children in phonological processing skills, speech perception, attention, articulation, memory, cognitive reasoning, and reading over two years. This study will begin when the children are in the second semester of preschool (ages 3 and 4) and continue through their second semester of first grade. Growth modeling and structural equation modeling will be used to represent the development of each skill across time and to test the proposed model against competing models of

word reading development, respectively. This project should advance our understanding of the development of beginning reading, help educators and clinicians to identify those at-risk for reading difficulty very early, and suggest ways to improve training to help young children to become good readers. (SS96031)

Training Module for Sexual Harassment

- ✉ TANG So Kum Catherine
- ☐ 1 September 1996
- ❖ Equal Opportunity Commission

This project aims to develop a training module for sexual harassment. It aims to educate employers, employees, commercial organizations, educational institutions, women groups, policy-makers, and general public about the issues and steps in identifying, preventing, and handling sexual harassment through a variety of multi-media productions. This training module will consist of two parts, part I dealing with "Understanding Sexual Harassment" and part II dealing with "Preventing and Handling Sexual Harassment". The two parts of the training module will each contain content-specific materials to facilitate the transmission of the messages embodied in the module. (SS96019)

Baseline Survey on Equal Opportunity (Gender) in Hong Kong

- ✉ TANG So Kum Catherine ● LEE Wing Yee Eliza (Government & Public Administration) ● NGO Hang Yue (Management) ● CHUNG Stephen Yue Ping (Educational Administration & Policy) ● LAU Siu Kai (Sociology) ● MA Kit Wai (Journalism & Communication) ● WAN Shirley Po San (Hong Kong Institute of Asia-Pacific Studies) ● FUNG Ying Him (Journalism & Communication) ● LEE Ming Kwan* ● CHU Wai Chi* ● YIU Chuen Lai (Hong Kong Institute of Asia-Pacific Studies) ● LEUNG Sai-Wing*
- ☐ 15 October 1996
- ❖ Equal Opportunity Commission

This study aims to establish baseline indicators reflecting equal opportunities or discrimination on the basis of gender, including subjective perceptions and objective indicators as well as to develop a set of core indicators which will be useful for the collection of longitudinal data that reflect the trend of equal opportunities or discrimination on the basis of gender. It will collect information on public's perceptions of gender roles and stereotyping, perceptions and experiences of the status of men vs women in the

family, schools, workplace, and community participation, and subjective and objective indicators of the status of men vs women and equal opportunities or discrimination on the basis of gender in the family, schools, workplace, and community participation.
(SS96018)

Violence Against Women: A Comparative Study in Chinese Societies of Hong Kong, PRC and Taiwan

✍ TANG So Kum Catherine ● CHEUNG Fanny Mui Ching

☐ 1 November 1996

❖ Research Grants Council

The present study is part of a collaborative research on VAW in urban cities of three Chinese societies - Hong Kong, Beijing (PRC), and Taipei (Taiwan). Its objectives include:

(1) the delineation of the scope of VAW as perceived by the victims of VAW, general public, and professionals in these three regions;

(2) the identification of cultural beliefs that affect individuals' definitions and attitudes towards VAW;

(3) the examination of the attribution of blame and responsibilities to victims and perpetrators of VAW; and

(4) the comparison of the beliefs and attitudes toward VAW among these three regions which share similar cultural heritage but vary in their social, economic, and political development, to detect any similarities and differences among them.

The first part will extend and replicate the Hong Kong study to PRC and Taiwan. Focus groups of the general public, in-depth interviews of victims, and large-scale surveys of related public service providers will be conducted. The second part includes a comparative study that examines results of the three regions.
(CU96207)

Hong Kong Children Festival: A Performance Project for the Children of Hong Kong

✍ TANG So Kum Catherine ● DAVIS Cynthia

☐ 1 November 1996

❖ Queen Elizabeth Foundation for the Mentally Handicapped

The present community and educational project is a pilot large scale interactive program for 400 primary school children and 200 mentally handicapped children to increase positive attitudes and community support for mentally handicapped persons. The program will also provide approximately 50 primary school children and 25 mentally handicapped children with the opportunity to be peer educators

and work cooperatively for several months and present an artist performance at the large community project. Furthermore, education packets on mentally handicapped persons will be introduced into all participating primary school for teachers to utilize before and after the community program. The program will demonstrate that education can be obtained through experiential learning that is both fun and informative.

(SS96043)

A Verb Bias in Mandarin: Is it Reliable and What Does it Mean?

✍ TARDIF Twila

☐ 1 November 1996

❖ CUHK Research Committee Funding

Contrary to what had been found for English and most other languages, Tardif (1996) reported that Chinese Mandarin-speaking children produced more verbs than nouns in their early vocabularies. The research follows up on this contradiction to an apparent universal in language acquisition research by: (1) testing its reliability through a laboratory study of English- and Mandarin-speaking children; and (2) trying to determine its broader psychological consequences for Mandarin- and English-speaking adults. The first study involves analysis of the words produced by 24 English- and 24 Mandarin-speaking 20-month-olds and their mothers in 3 separate contexts (book reading, mechanical toys, regular toys) which were identical across the 2 groups, as well as comparisons of the children's vocabularies, as reported by their mothers on a vocabulary checklist. The second study involves comparisons of language use, memory for nouns and verbs, and focus on objects versus actions and relations between 24 English- and 24 Mandarin-speaking college students. These two studies will help demonstrate the reliability of this exception to a universal of language learning, as well as investigate some of its implications for more general differences in the cognitive processing of English- and Mandarin-speaking adults.
(SS96032)

Acquisition of Mental State Language in Chinese Children

✍ TARDIF Twila

☐ 15 February 1997

❖ CUHK Research Committee Funding

Children's theories of mind have been claimed to develop from a "desire" psychology, in which very young children understand the motivations of other actors only in terms of simple wants and needs, to a "belief" psychology, which incorporates the

understanding that other individuals' representations of the world may differ from their own and that these differences in information about the world may affect people's actions. The primary evidence for the universality of this development from desire- to belief-oriented understandings in very young children is based on analyses of mental state terms in everyday conversations of English-speaking children and their caregivers (Bartsch & Wellman, 1995). A more rigid test of the universality of this developmental pattern would be to examine the appearance of mental state terms in Mandarin and Cantonese. Moreover, cultural differences in the "folk psychology" between adults in the Euro-American versus Chinese samples may also lead to differences in the developmental progression and/or the end states of children's developing "theories of mind". Thus, the proposed study examines 50 hours of everyday conversations of 10 Mandarin-speaking toddlers and their caregivers over a 6-month period beginning when the children were 22 months old, and roughly 30 hours of everyday conversations of 8 Cantonese-speaking toddlers and their caregivers. (SS96014)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition Title/Investigators

1989-90 Mutual Perceptions Around the Pacific Rim (AB88005)
 ✎ 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

1995-96 An Examination of Procedural Preference for Conflict Resolution in Culturally Diverse Workplace (SS95031)
 ✎ CHAN Kwan Shing Darius

1995-96 Attention as Self-Organization to Form Special Purpose Devices: Theoretical and Applied Studies using Behavioural and Psychophysiological Measures (CU93206)
 ✎ CHAN Tin Cheung ● CHAU Albert W. L.* ● SPINKS John* ● SHEK Tan Lei Daniel (Social Work)

1995-96 Attention as Self-Organization to Form Special Purpose Devices: Theoretical and Applied Studies Using Behavioural and Psychophysiological Measures (CU94223)

✎ CHAN Tin Cheung ● CHAU Albert W. L.* ● SHEK Tan Lei Daniel (Social Work) ● SPINKS J. A.*

1995-96 Investigating the Cognitive Processes in Reading Chinese Text (CU94204)
 ✎ CHEN Hsuan Chih

1995-96 Lexical and Conceptual Processing in Chinese-English Bilinguals (SS95032)
 ✎ CHEN Hsuan Chih

1995-96 Violence Against Women in the Chinese Societies: The Hong Kong Experiences (CU94203)
 ✎ CHEUNG Fanny Mui Ching ● TANG So Kum Catherine ● JORDAN Ann Denyse (Government & Public Administration)

1995-96 Health Risks and Multiple Roles of Women in Hong Kong (MD95077)
 ✎ CHEUNG Fanny Mui Ching ● MA Shuk Yee Susan (Nursing) ● TANG So Kum Catherine ● CHAN Shiu Yee Cynthia (Community & Family Medicine)

1995-96 Clinical Validation of the CPAI (SS95057)
 ✎ CHEUNG Fanny Mui Ching

1995-96 Phonological Skills of Chinese Children with Reading Disabilities in Hong Kong (ED95051)
 ✎ HO Suk Han C.

1995-96 The Role of Conscious Memory in the Category - Production Task (SS95033)
 ✎ LEE Yuh Shioh

1994-95 Improving Teaching in a Psychology Course Using a "Case Album" Approach (ED95017)
 ✎ LEUNG Jin Pang John ● CHAN Kwan Shing Darius ● TANG So Kum Catherine

1995-96 Using a "Case Album" Approach to Enhance Critical Thinking and Daily-Life Application in a Psychology Course (ED94016)
 ✎ LEUNG Jin Pang John ● CHAN Kwan Shing Darius ● TANG So Kum Catherine

1995-96 Adjective Descriptors of Chinese Personality (SS95058)
 ✎ LEUNG Kwok ● CHEUNG Fanny Mui Ching

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| <p>1995-96 Cultural Perspectives of Shame as Reflected in Child-rearing Practices and Beliefs: A Comparison of Early Socialization in Hong Kong and Taiwan (CU95214)
✍ LEUNG Wing Leung P. ● FUNG Heidi*</p> <p>1995-96 Validation of the Achenbach's Child Behaviour Checklist (CBCL), Teacher's Report Form (TRF), and Youth Self-Report (YSR) in Chinese Children and Adolescents (SS95037)
✍ LEUNG Wing Leung P.</p> <p>1995-96 Binge Eating Behavior Among Chinese Adolescents in Hong Kong: Prevalence and Correlates (MD95116)
✍ LEUNG Yiu Kin Freedom</p> <p>1995-96 Impact of Transient Mood Changes on Depressive Realism (CU93201)
✍ TANG So Kum Catherine</p> | <p>1995-96 A Survey of Family Violence in Hong Kong (CU95202)
✍ TANG So Kum Catherine</p> <p>1995-96 A Study on Young Female Drug Abusers: Identification of Protective and Risk Factors for Preventive and Treatment Programmes (SS95012)
✍ TANG So Kum Catherine ● LU CHAN Ching Chune*</p> <p>1995-96 Family Dynamics of Juvenile Delinquents (SS95023)
✍ TANG So Kum Catherine</p> <p>1995-96 An Exploration of the Risk and Protective Factors of Juvenile Gangs and Runaway Youth in Hong Kong (SS95047)
✍ TANG So Kum Catherine ● DAVIS Cynthia</p> |
|---|--|

RESEARCH OUTPUTS AND PUBLICATIONS

- <IA97003> **Tang, Catherine; Chung Yue Ping; Anthony Fung; Eliza Lee; Eric Ma; Ngo Hang Yue; Yiu Chuen Lai; Lau Siu Kai; Lee Ming Kwan; Wan Po San; Chu Wai Chi and Leung Sai Wing.** "A Baseline Survey of Equal Opportunities on the Basis of Gender 1996-1997". *Final Report Submitted to the Equal Opportunities Commission Hong Kong Government* 89 pgs. Hong Kong: Hong Kong Institute of Asia-Pacific Studies, The Chinese University of Hong Kong, 1997.04.
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- <P961653> **Weinreich, Peter; Chung Leung Luk and Michael Harris Bond.** "Ethnic Stereotyping and Identification in a Multicultural Context: 'Acculturation', Self-esteem and Identity Diffusion in Hong Kong Chinese University Students". *Psychology and Developing Societies* vol.8 no.1, pp.107-169. London, 1996.
- <P962225> **Leung, Patrick W.L. and Peter W.H. Lee.** "Psychotherapy with the Chinese". *The Handbook of Chinese Psychology* ed. by Michael Harris Bond. pp.441-456. Hong Kong: Oxford University Press (China) Ltd., 1996.
- <P962226> **Chan, Tin-Cheung and Robert E. Shaw.** "What is Ecological Psychology?". *Psychologia* vol.39, pp.1-16. Japan, 1996.01.
- <P962227> **Chan, Tin-Cheung.** "Sensation and Perception (in Chinese)". *New Perspectives in Psychology* ed. by S.Y. Kao. pp.51-82. Hong Kong: The Commercial Press (Hong Kong) Ltd, 1996.
- <P962228> **Leung, Patrick W.L.; S.L. Luk; T.P. Ho; Eric Taylor; Felice Lieh Mak and John Bacon-Shone.** "The Diagnosis and Prevalence of Hyperactivity in Chinese Schoolboys". *British Journal of Psychiatry* vol.168, pp.486-496. UK, 1996.

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- <P962230> **Leung, Patrick W.L. and Kevin J. Connolly.** "Distractibility in Hyperactive and Conduct-Disordered Children". *Journal of Child Psychology and Psychiatry* vol.37 no.3, pp.305-312. UK, 1996.
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RESEARCH PROJECTS

An Evaluation Research to Study the Conceptualization, Implementation, and Utility of Neighbourhood-level Community Development Projects in Old Urban Areas

- ✉ AU Chor Fai
- ☐ 1 December 1996
- ❖ CUHK Research Committee Funding

Under the suggestion of the Hong Kong Council of Social Services (HKCSS), two Neighbourhood-level Community Development Projects (NLCDPs) were set up by the government in 1991 as pilot projects to provide welfare and community development services for residents living in old urban areas with special needs. The two projects are operated by two separate social welfare agencies and are scheduled to be reviewed in 1997. To facilitate the review process, HKCSS has requested the researcher to undertake this study is to provide independent information regarding the conceptualization, implementation, and utility of the two pilot projects in meeting the stated objectives.

As the effectiveness question may be approached from different angles, the proposed study will employ both quantitative and qualitative methods for obtaining useful data from various sources (e.g. different service constituencies) to come up with a holistic picture of the research questions under investigation.

On top of its practical utility, it is believed that the results of the study will shed light on how a social service program may be meaningfully assessed in the context of Hong Kong where very little empirical work has been done in the same area despite the concern of growing accountability for human services. (SS96015)

The Application of Groupwork in Working with Natural Groups of Marginal Youth

- ✉ LEE Wing Lin Francis
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

For providing guidance to their clients who are mainly marginal youth exist in natural groups, intervention into these natural groups of marginal youth has been a prevailing approach employed by the social workers in the outreaching (OR) social work service in Hong Kong. In fact, natural group, which is unlike the structured groups that most social work services organize and work with, is quite unique in itself. However, only scarce exploration have been carried out to examine how the intervention with the natural groups of marginal

youth is done through the use of groupwork method and how effective it has been. A comprehensive and systematic study is needed.

Through analysing and codifying the data collected from a survey with a pre-set questionnaire completed by all OR workers and some case studies of 30 natural groups of marginal youth with successful intervention and 30 natural groups of marginal youth with unsuccessful intervention, this study, firstly, aims to assist the consolidation of the working experience of the OR workers in working with natural groups of marginal youth. And secondly, it also aims to develop more effective groupwork models for working with these groups of young people so that their healthy development can be assisted. (SS96033)

The Roles of Welfare Systems in Promoting Production and Family Support

- ✉ WONG Chack Kie ● WALKER Alan C.*
- ☐ 1 January 1997
- ❖ UK/Hong Kong Joint Research Scheme, the British Council

This study examines the two under-analysed dimensions in comparative social policy - private production and the role of the family - and contrasts their roles in the east with the de-commodification function and the notion of the male breadwinner in the west's construction of the welfare state. (SS96002)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

Edition	Title/Investigators
1995-96	Teens of the Night - A Study of Night Drifting Young People in Hong Kong (SS95053) ✉ LEE Wing Lin Francis
1995-96	Capturing the Process of Change - Family Therapy Research (SS95060) ✉ MA Lai Chong
1995-96	A Study of China's Youth Policy: Beijing and Guangzhou as Example (SS95074) ✉ NGAI Ngan Pun ● LU Shizhen* ● LIU Xiaogang* ● SUN Liya* ● ZHOU Feng*
1995-96	Family Factors and Adolescent Coping Resources, Psychological Well-Being and School Adjustment (CU94206)

✉ SHEK Tan Lei Daniel ● LEE Tak Yan* ● NGAI Ngan Pun ● LAW Wai On Simon*

1995-96 A Longitudinal Study of Family, Peer and School Influences on the Social Behavior of Adolescents in Hong Kong (SS95068)

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RESEARCH OUTPUTS AND PUBLICATIONS

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see also <P963739>, <P971266>

RESEARCH PROJECTS

The Hong Kong Connection in Cultural China

- ✍ CHAN Hoi Man
- ☐ 1 March 1997
- ❖ CUHK Research Committee Funding

In conjunction with notions such as "Greater China" or even "the Chinese Diaspora" the epithet Cultural China is meant as a construction that can capture in conceptual terms the recent transformation and differentiation that Chinese culture has gone through, in consequence of labyrinthine historical and political vicissitudes. For the present study, this forms a good intellectual platform for probing the position of Hong Kong society and its culture within this broader--and presumably more meaningful--cultural horizon. There are two levels of questions to address. In the first place, the role that Hong Kong culture has played in the shaping of the cultural world of contemporary China can be ascertained with greater analytical rigor. While in the second place, the prospect for the formation of a broader cultural framework on this basis can also be gauged, hence assessing not simply the realistic prospect of the Cultural China vision, but as well as Hong Kong's position in this new cultural configuration. The formation of a Cultural China must also encompass the more down to earth horizon of culture. That perhaps Hong Kong society and its culture can have its more lasting meaning in this regard would be addressed in this study. (SS96016)

An Analysis of the Utilitarian Thought and Social Network of Three Confucian Scholars in Early Qing Dynasty

- ✍ CHEUNG Tak Sing ● LEUNG Yuen Sang (History)
- ☐ 1 January 1997
- ❖ CUHK Research Committee Funding

This study is intended to trace the social origin of the utilitarian ideas of three great Confucian scholars in early Qing Dynasty, namely, Huang Zhong Xi, Wang Fu Zi, and Gu Yan Wu. It has been well documented that there was an upsurge of utilitarian thought in late Ming and early Qing on the one hand, and a rapid development of the market economy in China on the other. However, other than general observation so far no empirical study has ever been taken to establish a link between these two historical phenomena. Through detailed reading of original historical materials, the researchers will first chart the course of development of the utilitarian thought of these three Confucian scholars, and then undertake a network

analysis of the people with whom they encountered in different stages of their lives. The hypothesis is that before the three Confucian scholars firmly established their utilitarian thought, they had had frequent contacts with merchants, the agents of market economy. The significance of this study lies in its application of network analysis into the study of historical materials, and the incorporation of sociological perspective into intellectual history, a pioneering approach that, we hope, would shed new light on both historical sociology and historical studies. (SS96034)

Hong Kong Trade Unions Bracing for the Future: Environmental Changes & Organizational Dynamics

- ✍ CHIU Wing Kai Stephen ● LEVIN David*
- ☐ 1 September 1996
- ❖ Research Grants Council

The project is intended as a comprehensive study of trade unions in Hong Kong. Despite setbacks in the early 1980s, they are still the most prevalent type of secondary organization in the local community. The tremendous changes in Hong Kong's polity and economy over the past decade have exerted significant impact on trade unions and have at the same time accentuated their salience in the society. In order to comprehend the complex interactions between environmental changes and organizational responses from trade unions, as well as the roles of the labour movement in the future social development of Hong Kong, the researchers propose to proceed on a multi-level and multi-method basis. Their organizational perspective necessitates the study of trade unions at four levels: individual members, individual unions, union federations, and the union movement as a whole. First, through a large-scale survey of 1000 trade union members, the researchers intend to construct a socio-economic and demographic profile of trade union members, their evaluation and expectations of trade unions, their motivations and reasons for joining trade unions, and their experience of participating in union activities. Second, a survey of all currently registered trade unions will be used to unearth the characteristics of organizational structures, activities and union leaders' views on important social, political and economic issues. Intensive case studies of at least 10 representative trade unions will also be carried out. Third, studies will be conducted of all major union federations in order to understand the relationship between the federations and their affiliates, their social and political activities, as well as their priorities and blueprints for future development. Fourth, the union movement as a whole will be compared to the experiences of other newly

industrialized economies and selected advanced industrial countries.
(SS96039)

The Paradox of Stability Revisited: Rural Social Protest in the New Territories

- ✍ CHIU Wing Kai Stephen ● HUNG Ho Fung
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

This project takes a fresh look at the alleged "paradox of stability" in Hong Kong's postwar history, that is, relative social and political stability in spite of rapid development. In particular, the researchers seek to reexamine K.H. Kuan and S.K. Lau's pioneer effort to apply the notions of "administrative absorption of politics" and "noninterventionism" to the rural areas. They find that similar to the urban areas, the colonial state had successfully co-opted and controlled local leaders with mobilizing capabilities, and had largely employed a strategy of "indirect rule" in structuring its relations with rural communities. Using a database of protests in the rural areas compiled from newspaper reports as well as other archival materials, they will delineate the development of colonial rule in the New Territories since the late nineteenth century, with particular emphasis on the period of rapid development between 1960 and 1980. They will focus on the interaction between the state and the rural communities rather than simply the state-elite nexus. Their primary hypothesis is that rural stability is largely shaped by the multifaceted interventions (rather than nonintervention) of the state into the New Territories and the organizational configuration of rural communities. The project will also conduct several case studies of rural protests to illustrate their arguments. By tackling these issues they hope to contribute to the understanding of broader issues of colonial governance in Hong Kong and the relationship between state and society under British colonialism.
(SS96035)

The Emergence of Rural Enterprises in China

- ✍ LAU Chong Chor ● PENG Yusheng ● SHEN Chonglin*
- ☐ 1 May 1996
- ❖ CUHK Departmental Funding

This is a collaborative research project between the Department of Sociology, The Chinese University of Hong Kong, and the Sociological Research Institute, the Chinese Academy of Social Sciences. The purpose of the project is to study the birth of rural enterprises at the village level as means to understanding the social development of China's rural communities. Data on 300 villages which have been

collected by the Sociological Research Institute will be analyzed. Specific topics for further research may be identified which may lead to future collaborations between the Institute and this Department.
(SS95064)

Indicators of Social Development: Hong Kong 1997

- ✍ LAU Siu Kai ● WONG Siu Lun* ● LEE Ming-Kwan*
- ☐ 1 October 1996
- ❖ Research Grants Council

This project is part of a long-term project to carry out a series of biennial social indicators surveys in Hong Kong so as to chart and monitor social trends. The focus of the 1997 survey is on subjective social indicators, that is, the perception, aspiration, and degree of satisfaction of Hong Kong residents in different walks of life. Besides the survey, the investigators will also build up a computerized social data bank and organize a conference to highlight the longitudinal and comparative dimensions of Hong Kong's social development. Through these efforts, the investigators hope to be able to provide a comprehensive picture of the social orientation of Hong Kong inhabitants, 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.
(SS96040)

Cultural Production and Collective Memories: The Making & Viewing of Huang Fei Hung Films in Hong Kong

- ✍ LEE Ching Kwan
- ☐ 1 November 1996
- ❖ CUHK Research Committee Funding

This research is a sociological analysis of a cultural phenomenon in Hong Kong. The series of Huang Fei Hung films, whose popularity and longevity is unparalleled in the history of the Hong Kong movie history, is the focus of this research. By examining the series of Huang movies in the light of the three elements in a "circuit of cultural production", i.e. the political economy of production, the text and the audience. This study attempts to explain the social forces which have produced this cultural phenomenon. At the same time, such analyses can bring to light some crucial components in the popular imagination of the Hong Kong people.
(SS96036)

New Forms of Equity in Mainland China

✉ MAK THIREAU Isabelle ● MAK Kong (Research Centre for Contemporary Chinese Culture) ● WANG Hansheng* ● SUN Liping* ● LIU Shiding*

☐ 1 July 1996

❖ Chiang Ching-Kuo Foundation

This project aims at understanding the perception of justice of rural inhabitants in Mainland China. Researchers involved in this research have tried to gather a certain number of dispute cases arising in the various localities in China, whether they concern family affairs, disputes between households belonging to the same locality, disputes between villagers and their heads, or collective disputes between villages.

By following the dispute process, this project aims at identifying the arguments mobilized by peasants to describe a situation as unfair or inappropriate, but also at analyzing the part played by local mediators and the content of the agreements reached. A related question being to study how some of these agreements may have favoured the emergence of new norms and conventions.

It is actually the distribution of obligations and responsibilities, the construction process of new social links, (a process inevitable in a rapidly changing society where diversified interests are emerging), that is stake in this research. (SS96046)

Migrant Workers and the Formation of a New Group in Shenzhen

✉ MAK THIREAU Isabelle ● MAK Kong (Research Centre for Contemporary Chinese Culture)

☐ 1 January 1997

❖ CUHK Departmental Funding

This study focuses on the process of formation of a new social group: The group of new workers coming from the countryside to Shenzhen.

How do former peasants turned workers, coming from different geographical settings and possessing different cultural levels are going to elaborate common practices, values, usages to coordinate their activities with others at the working place? By trying to answer this question, the researchers should be able to analyze the degree to which a new social group really came into being, enjoying some internal homogeneity and sharing a common experience interpreted in common terms.

Observation, semi-structured interviews and life stories collection are the main methodological tools used. (SS96047)

Perception and Behavior of Information Technology Use

✉ TING Kwok Fai

☐ 1 April 1997

❖ Chung Chi College Student Work Fund

This project interviews 500 college students on their perception and usage of information technology. The purpose is to compare gender differences in mastering the new technology and to identify problems in computer education. Several control factors are included in the research design. They are family background, interpersonal relationship, interest in the technology, academic ability, analytical skills, exposure to the technology, and gender role ideology. Each of these concepts is measured by multiple items to facilitate structural equation modeling. (SS96048)

Please refer to previous issues of *Research Projects Summary* for more details of the following ongoing research at the department:

<u>Edition</u>	<u>Title/Investigators</u>
1990-91	On Theories of Human Conditions (AB90012) ✉ CHAN Hoi Man
1995-96	In Search of Civil Society in China - A Study of Civil Organizations in Guangzhou (SS95063) ✉ CHAN Kin Man ● QIU Haixiong*
1994-95	High-density and Privacy (SS95014) ✉ CHAN Ying Keung
1994-95	Demographic Change and the Elderly (SS95013) ✉ CHAN Ying Keung
1994-95	Thought in an Age of Turbulence: The Development of Thought and Social Change in Modern China (SS94078) ✉ CHEUNG Tak Sing
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 ● MAK THIREAU Isabelle ● YANG Chung Feng*
1995-96	A Follow-up Study of Former SARDA Clients (MD95241)

- ✍ CHEUNG Yuet Wah
- 1995-96 Social Change and Economic Life: A Sociological Study (CU94207)
✍ CHIU Wing Kai Stephen ● LUI Tai Lok ● CHAN Tak Wing* ● TING Kwok Fai
- 1995-96 Hong Kong's Environmental Movement in Comparative Perspective (SS95021)
✍ CHIU Wing Kai Stephen ● LAI On Kwok* ● LEE Yok Shiu ● HUNG Ho Fung
- 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*
- 1995-96 The Emergence of Rural Enterprises in China (SS95052)
✍ LAU Chong Chor ● PENG Yusheng ● SHEN Chong Lin*
- 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)
- 1995-96 Decline of Authority, Social Conflict and Social Re-integration in Hong Kong: Patterns of Social Change in the Last Years of British Rule (CU93202)
✍ LAU Siu Kai ● WAN Shirley Po San (Hong Kong Institute of Asia-Pacific Studies) ● SIU Helen* ● WONG Siu-Lun* ● NG Chun-Hung* ● LUI Tai Lok ● WONG Thomas* ● LEE Ming Kwan (Hong Kong Institute of Asia-Pacific Studies)
- 1995-96 The Remaking of the Chinese Working Class in the 1990s: A Documentary Analysis (SS95061)
✍ LEE Ching Kwan
- 1995-96 The Re-making of the Chinese Working Class in the 1990s (SS95070)
✍ LEE Ching Kwan
- 1995-96 Functional Dependency and Care Giving: A Longitudinal Study (SS94022)
✍ LEE Pui Leung Rance ● LIU William T.* ● YU Elena S. H.* ● LAI Shih Lung* ● KATZMAN Robert*
- 1995-96 Personal Networks in Hong Kong: A Pilot Study (SS95024)
✍ LEE Pui Leung Rance ● CHAN Ying Keung ● PENG Yusheng
- 1995-96 Hong Kong Social Information System (SS95071)
✍ LUI Tai Lok ● CHIU Wing Kai Stephen ● TING Kwok Fai ● LAU Siu Kai ● WAN Shirley Po San (Hong Kong Institute of Asia-Pacific Studies)
- 1994-95 Justice and Equity in Chinese Countryside (SS95015)
✍ MAK THIREAU Isabelle ● MAK Kong (Research Centre for Contemporary Chinese Culture)
- 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)
✍ NG Pedro Pak Tao
- 1994-95 Leisure Patterns and Perceptions of the People of Hong Kong (Part of the Social Indicators and Social Development Research Programme) (SS95017)
✍ NG Pedro Pak Tao
- 1995-96 Sustaining the Competitive Advantage of Hong Kong: The Role of Quantity, Quality, and Tracking in Higher Education (CU93203)
✍ TANG Stephen Lung Wai ● TAM Tony*
- 1995-96 Confirmatory Tetrad Analysis for Causal Modeling (SS95067)
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see also <IA96034>, <IA97003>, <P962840>