CHINESE UNIVERSITY BULLETIN

Autumn • Winter 1997





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Cover: Flanking the reversion of Hong Kong to Chinese sovereignty

and its future beld on campus on 30th June 1997. (Lower left) Model of the PLA Headquarters in Hong Kong as designed by a CUHK architecture student.

(Upper) A seminar on Hong Kong

(Lower right) The hoisting of the national, the HKSAR, and the University flags on campus on 1st July 1997.

Contents

2 IASP 20th Anniversary Reunion

6 ICS at Thirty
A Portrait of the Institute of Chinese Studies
1967–97

12 '97 CU Alumni Day

In Preparation for a Career on the Mainland

The China Career Development Award

Programme

19 Research News

20 A Heated Combat Suppressing the Growth of Tumour Cells with Hyperthermia

23 We are What We Eat
Cooking Up Hong Kong Identity: A Study of Food
Culture, Changing Tastes and Identity in
Popular Discourse

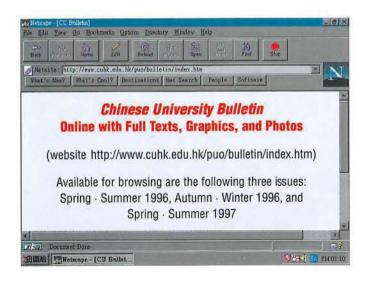
27 From *Helicobacter Pylori* to Peptic Ulcer to Gastric Cancer

31 Metal Silicides by Ion Implantation with a MEVVA Ion Source

36 Profiles

42 News in Brief

54 Gifts and Donations



LASS P. 20th Anniversant Remient

he International Asian Studies Programme (IASP) celebrated its 20th anniversary from 28th June to 2nd July 1997 — the public holidays flanking the reversion of the sovereignty of Hong Kong to China. About 80 alumni of the programme from 11 regions in America, Europe, and Asia returned to the University for the five-day reunion.

Celebrations

The alumni were joined by some 30 scholars and representatives from IASP's partner institutions in attending the main celebrations, which included the opening ceremony on 28th June, the closing

banquet on 2nd July, and four seminar sessions on Hong Kong and its future.

At the opening ceremony, Prof. Wang Gungwu, renowned historian and director of the East Asian Institute at the National University of Singapore, reviewed the various political changes that took place in Hong Kong under British rule and how they were dealt with.



Participants of the opening ceremony





In the seminar session on 'Political and Social Development of Hong Kong', Dr. Anthony Cheung Bingleung (right), vice-chairman of the Democratic Party, and Mr. Tsang Yok-sing (left), chairman of the Democratic Alliance for the Betterment of Hong Kong, engaged in a vigorous debate on what would contribute most effectively to a smooth transition and the well-being of Hong Kong people. (In the middle is Prof. Kuan Hsin-chi, director of the Universities Service Centre.)

To give alumni more chances to reminisce and update one another on recent developments in their lives, three luncheons were organized, one by the participants' graduation year, one by country, and one by professional interest.

Seminar Topics

Hong Kong's Transition in Historical Perspective (28th June)

Greater China: Hong Kong, China, and Taiwan (28th June)

Political and Social Development of Hong Kong (30th June)

Future of Hong Kong, SAR within China and the Asian Region (2nd July)





IASP alumni at the closing banquet held at Royal Park Hotel

A Unique Programme

The International Asian Studies Programme was established in 1976 by the University and the US-based Yale-China Association. The programme aims at promoting cultural exchange between the East and the West, and is open to students, research scholars and academic staff from overseas who wish to make use of the University's academic resources and research facilities in the broad area of Chinese and Asian studies. Apart from Chinese language training courses, all courses offered are taught in English. In two decades, the programme's annual intake has expanded from its first batch of 59 students to about 150 in 1996-97. Over 1,700 students from 34 countries have been on its semester-long or yearlong programme.

According to programme director Dr. Kenneth Leung, the majority of the early IASP students majored in courses related to Chinese history or Chinese culture. More recently there has been an increase in business administration students enrolling in IASP because of Hong Kong's position as an important centre of international trade, commerce, and



Dr. Kenneth Leung, programme director

telecommunication and information, and as the most efficient and effective gateway to China trade. The unique political, economic, and social position of the territory as well as changes entailing the reversion to Chinese sovereignty have also attracted a great number of students in international relations and political science.

Dr. Leung indicates that regardless of areas of study and academic interest, a great number of exchange students choose to take the Cantonese or Putonghua courses run by the New Asia Yale-in-China Chinese Language Centre. Equipped with knowledge in either the Chinese language, culture, or philosophy, and connections built during their stay in Hong Kong, many alumni have found jobs in Hong Kong, mainland China, and other parts of Asia after completing their degrees at their home institutions. IASP figures show that there are currently some 100 alumni working in Asia, with the majority in Hong Kong and mainland Chinese cities.

Dr. Leung believes that Asia will be the hub of international trade and commerce in the next few decades. And with its prime location in the centre of Asia, Hong Kong will play a crucial role in this Asia-Pacific era. IASP is supported academically by the University's academic faculties, research institutes and centres. Moreover, the University Library, in particular the Universities Service Centre, boasts an extensive collection on mainland China, Hong Kong, and Asian studies. These factors will continue to contribute to IASP's development into a programme unequalled in importance in the 21st century, drawing in even more students, academics, and sinologists to Hong Kong from different parts of the world.

Going from Strength to Strength

The cooperation agreement between the Yale-China Association and the Office of International Studies Programmes responsible for running the programme was renewed for three years during IASP's 20th anniversary celebration. Both parties have full confidence in IASP and will continue to work closely in the 1998–2001 triennium to further improve the programme.

The alumni who travelled thousands of miles for the reunion were excited about the future of the programme. In the last seminar session, about 40 of them resolved to set up the Alumni Association of the IASP with the goal of promoting international exchange and interaction between eastern and western cultures. Six members were elected to be the association's first office bearers and would draw up the association's constitution as well as plans to network with other alumni and to support the IASP's goals.

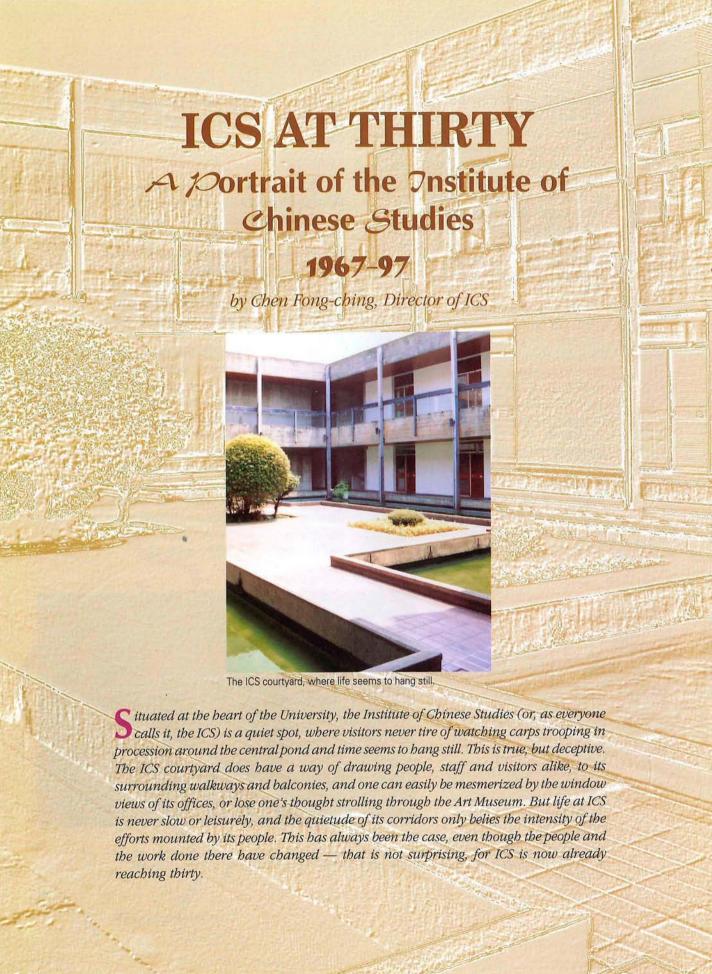
Representatives of the First and the Latest Batches of IASP Alumni

From left: An Minh Truong Phan and Tomoko Kawabata (1996–97); Prof. Kazuo Yoshihara and Dr. Alfredo Co (1977–78); and Prof. Tsuyoshi Takahashi (1977–79).

To Prof. Tsuyoshi Takahashi (right one), associate professor and vice-director of the International Division of Soka University, participation in IASP has helped him personally, academically, and professionally. Through living in Hong Kong he was able to familiarize himself with Chinese culture and patterns of thought, and contemporary Chinese history.



Dr. Alfredo Co (right two), currently a professor at the University of Santo Tomas in the Philippines, finds the IASP experience enriching and memorable. The programme allowed him to immerse himself in Chinese culture, and he was most impressed by the enormous collection at the CUHK libraries on his discipline — classical Chinese philosophy.



From a Humble Start

Over those 30 years, ICS has come a long way. It started out only as a glint in the eye of Dr. C.M. Li, the founding vice-chancellor, who announced the establishment of the institute back in 1967 to mark the University's commitment to Chinese culture. That was just when the Cultural Revolution was raging on the mainland, and even spilling over to Hong Kong. Courageously, he set lofty goals for the institute: 'to combine tradition and modernity, and to bring together China and the West'.

Dr. Li's vision for the institute took shape only slowly, even though it never stopped making progress. As the University did not yet have its own campus in those days, the institute had to start life in makeshift offices in a downtown bank building. Nevertheless, a few steps forward were made in 1968, when the *ICS Journal*

was founded, and research grants were secured from international foundations to support the work of its senior professors: Chou Fa-kao, Chuen Han-sheng, Mou Junsun, Chen Ching-ho, and others.

The decisive break came only four years later, when the ICS building and the Art Gallery (now known as the Art Museum) donated by the Lee Hysan Foundation were inaugurated in September 1971. Thus the institute found its permanent home, and became ready to strike out in new directions. That same year the Centre for Translation was established, and under the initiative of Messrs. Stephen Soong and George Kao a highly unconventional idea gradually took shape, resulting in the publication in 1973 of *Renditions*, a journal aimed at bringing Chinese culture to the West through translation.

Those early projects of ICS were very different from one another, but each had

No longer just a glint in the eye — Dr. C.M. Li (right 2) officiating at the unveiling of the ICS commemorative plaque together with (from left) Mr. Szeto Wei the University architect, Mr. Lee Hsiao Wo of the Lee Hysan Foundation, and Dr. Lam Chik Suen who undertook the construction of the ICS building. (1971)



been left free to develop in its own direction, and each has since grown into a unique institution. The ICS Journal was soon able to establish itself as a major publication for Chinese history, literature and philology, mainly through the support of many illustrious contributors both within and outside the University. It took a much longer time and the generous support of many donors for the Art Museum to build up its collection of over seven thousand fine items of Chinese paintings, calligraphy and artifacts, and earn its reputation as the University's 'crown jewel'. Now one of the most active institutions of its kind, it holds special exhibitions in cooperation with leading museums on the mainland and even overseas museums several times a year, and publishes carefully researched, high-quality catalogues on each occasion. Nor has Renditions been left behind. Through unstinting hard work over a quarter of a century, it has earned international repute as one of the top translation journals in the

Vice-chancellor Ma Lin (front row, right 1) together with Dr. J.S. Lee (front row, left 2) and the new curator Dr. Kao Mayching (front row, left 1) at the inauguration of the Friends of the Art Gallery (now the Museum) in 1981.



world, and its articles and related publications are widely used as instruction materials for Asian studies throughout the English speaking world.

Making Steady Progress

When Prof. Ma Lin took over as the vice-chancellor in 1978, he did not hesitate to continue Dr. Li's commitment to ICS, although he had been a biochemist by profession. Hence the next decade saw two more components being added to ICS: the Centre for Chinese Archaeology and Art in 1978, and the Chinese Language Research Centre in 1980. During the same period several endowments and publication revolving funds were established, giving the institute a much greater degree of flexibility in resource allocation and the kind of work it chose to pursue. The institute was further strengthened through the appointment of a number of permanent staff members, including renowned scholars like Cheng Tek'un the archaeologist, D.C. Lau the

philologist and translator, and Jao Tsung-i the classicist, historian and paleographer, as well as younger scholars like Kao Mayching, who took over the directorship of the Art Museum in 1981.

Thus a solid foundation had been laid, and ICS was poised for the next stage of development when I joined it in 1986.

The Burgeoning Decade

ICS has been exceedingly lucky during the past decade, when it surged forward in activity and struck out in new directions. First, Prof. Charles Kao who succeeded Ma Lin in 1987 had the same commitment to developing Chinese studies as his predecessors, and gave the institute every opportunity of proving itself.



Exhibition of selected ceramics from the Hsu collection in the new exhibition hall in the ICS extension (1995)

Tang Chung (below) of the Archaeology Centre taking photographs at the Pak Mong excavation site on Lantau Island

Secondly, the Lee family continued to support the institute with the same dedication and magnanimity, and, together with the B.Y. Lam Foundation, donated a major new wing to the ICS building in 1988, thus providing much needed additional facilities, including a second exhibition hall to the Art Museum. Thirdly, two substantial new sources of public funding for research became available during the period: the Research Grants Council of the University Grants Committee and the Chiang Ching Kuo Foundation for International Scholarly Exchange. Together, they awarded a total of over 10 million dollars in competitive grants to researchers at ICS during the past decade, thus giving us the freedom of trying out new ideas on a scale not hitherto contemplated.

Finally, perhaps most important of all, many bright, young people appeared at just the right time to take over existing work or start up new ventures. They include Eva Hung, who in 1986 succeeded John Minford in editing *Renditions* and heading the Research Centre for Translation, and despite her young age and relative inexperience was soon able to expand the activities of

the centre and augment its already considerable international reputation; Tang Chung, who bravely led the Archaeology Centre into field work in 1987, kept at the hard labour with tenacity, and in 1993 became the director of the Archaeology Centre, which by now has undertaken almost a dozen highly successful excavation projects in mainland China, Hong Kong, Macau, and Vietnam, in cooperation with archaeological teams from the mainland; Ho Che-wah, who in 1988 gave up a secure teaching position to take on the challenge of building a database of all ancient Chinese texts up to the sixth century A.D., and who soon found himself right at the centre of one of the most exciting and productive research projects in the University, one which is still expanding and going strong after almost a decade; Liu Qingfeng, who in 1990 together with Jin Guantao and myself launched Twenty-First Century, which in this specialist's age we nonetheless insist on making the journal of all Chinese intellectuals, and which miraculously generates great response and finds strong support from both mainland and overseas scholars; and Wong Kuan-io, who in his quiet but efficient manner put the Chinese Language Newsletter founded in 1989 on its feet, and made it into a respected forum for linguists and teachers alike.

These are the people who take care to put our resources and hard won support to the very best use, and who instill dynamism and quality into ICS. And I do mean dynamism in every sense of that word. Even though China and Chinese culture move but slowly, the manifold ways of looking at and interpreting them are multiplying and changing fast. We therefore have to constantly search for new angles and experiment with new ways of looking old things. For instance, thermoluminescent dating and phasecontrast microscopy add new dimensions to otherwise traditional museum and archaeological field work, and the very idea of making a Tang verse or a Ming novel not only understood but also appreciated in a totally different language, by readers of an entirely different culture, demands that the literary work concerned be divested of its linguistic mantle, and its core meaning be unravelled and exposed.

Similarly, when the *entire* corpus of Shang oracular inscriptions and *all* classical texts up to a certain period have been compiled into an electronic database, their character changes. They are no longer a



The team which build the Chinese ancient text database: (from right) Mr. K.K. Ho, Prof. D.C. Lau, Dr. F.C. Chen, Prof. Ho Che Wah.

Kafkaesque maze of byways and back alleys in which one can easily get lost, perhaps for life, but rather a landscape above which one can soar high and take a bird's eye view, or zoom in at will and obtain, at phenomenal electronic speed, answers to queries such as how often and where exactly a character, a word or a particular phrase appears in a designated group of texts. The mechanics of studying these texts is thus transformed, and the scholar can reserve his energy for intellectual pursuits on a higher plane.

Twenty-First Century and the Research Centre for Contemporary Chinese Culture established in 1993 brought yet another new dimension to ICS, and reminded us that modern China with all its turmoils and vicissitudes is also an integral part of Chinese culture. As a global forum for Chinese intellectuals, Twenty-First Century creates a different sort of space — a kaleidoscopic landscape of fresh views and living ideas evoked by the deep concerns as well as burning issues of our times. These views and ideas clash with one another and induce lively debate among their readers

when coming off the press, but then *some* of them also get quoted, indexed, translated, and gradually transformed into subjects for detached studies. The journal's motto is 'for a new Chinese culture', and it strives to impinge on history. In that very process it cannot help also getting woven into the tapestry of history, even if it acounts for only a thin thread in it.

A Time for Celebrations and Looking Ahead

At age thirty, one is supposed to have reached an important turning point in life, which calls for a big celebration. However, ICS is a big family rather than a single person. Its family members are maturing differently, and it is constantly having birthday parties: Twenty-First Century celebrated its fifth anniversary in 1995, both the Art Museum and the Research Centre for Translation had their silver anniversaries last year, while the Archaeology Centre will have its twentieth anniversary next year. We are therefore not planning on yet another big event for the whole ICS, but only a series of activities including lectures, publications, and commemorative gatherings spread throughout the year.

The ICS Thirtieth Anniversary Lectures by distinguished scholars started at the beginning of this year. Thus far Liu Ts'unyan of Australian National University, Chang

Prof. Liu Ts'un-yan (left) delivering a 30th anniversary lecture on The Story of the Stone



Yu-fa of Academia Sinica, and Li Xuegin of the Chinese Academy of Social Sciences have spoken, on topics ranging from The Story of the Stone to trends of Chinese political thought during the twenties, to newly discovered classics in excavated texts on wood and silk. They will be followed by An Zhimin of the Chinese Academy of Sciences, and our own senior professors D.C. Lau and Jao Tsung-i during the fall. Then the ICS Journal will publish a special double issue to mark the anniversary. And finally, on 1st November 1997, the Anniversary Day, members of the institute and honoured guests will gather for dinner to celebrate the occasion, and to muse on old times and look forward to the twentyfirst century.

Looking ahead is probably more important than to celebrate, for Hong Kong is now entering a new era, and the higher education scene is fast changing. The ideas of Chinese studies and exchanges with mainland China were novelties in the seventies and early eighties, but are now becoming commonplace, so the field is getting crowded. ICS has been fortunate in that it started out early, and has always enjoyed great University and community support, which enabled it to attract good people and pursue its vision with a great deal of freedom. However, to continue its distinctive mission, it can no longer work alone. It will have to reach out to the rest of the University and other institutions in Hong Kong and on the mainland; it will also have to infect a greater many other people with its vision, and work with them and draw upon their strength.

This would be the next challenge for ICS. We believe that, with the support and help of our new vice-chancellor and the University community, it will be able to rise to that challenge and fulfil its mission during the next century, just as it has done during the past three decades.

1st September 1997

'97 CU Alumni Day

ver 2,300 alumni of the University returned to the Sha Tin campus with their families on 28th June for the '97 CU Alumni Day. Some of them had travelled thousands of miles from overseas to witness the dawning of a new era in Hong Kong and to participate in the activities organized by the individual colleges.

Blessed with sunny weather, '97 CU Alumni Day opened with tree-planting ceremonies in the late morning on the campuses of the four colleges. At noon the alumni gathered at their respective colleges for a sumptuous college lunch. This was followed by another tree-planting ceremony on the central campus in the afternoon, and the inter-collegiate games competition held at the University Sports Centre. After three rounds of exhilarating games, the Shaw and New Asia teams emerged equally successful, thus sharing the overall championship. United College won a special prize for the best cheering team. Outside the sports centre, the young and the young-at-heart whiled away the time at a fun fair.

As the final event of the day, a guided bus tour of the University brought the participants to the latest developments on the campus.

Chung Chi Alumni Gathering

To celebrate the 45th anniversary of Chung Chi College, the college alumni association organized a college alumni gathering from 28th June to 2nd July 1997. Part of the programme coincided with '97 CU Alumni Day, and close to 1,000 alumni — a fifth of whom had flown all the way from Australia, Canada, Sabah, Singapore, and the US — returned to the University campus for the double celebration.

In a reunion variety show held on the evening of 28th June, Chung Chi alumni from all over the world sang, danced, and paraded their other talents on stage. Special performances were given by the alumni of the classes of '57, '67, '77 and '87, as well as the fresh graduates of 1997.

On 29th June, participants were given a tour of the urbanized sections of the New Territories, and new developments like the Tsing Yi-Lantau Highway, the Gold Coast, and Lingnan College.

More commemorative and celebratory activities were scheduled for the following three days, including a seminar on the political situation of Hong Kong on the eve of the handover, a thanksgiving service, and a farewell dinner.





The China Career Development Award Programme

Participating Organizations Coorganizers

State Education Commission Hong Kong, Macau and Taiwan Office

Xinhua News Agency (Hong Kong Branch) Department of Education, Science and Technology

Peking University Beijing Administrative College Tsinghua University

From Hong Kong

China Aerospace International Holdings Limited

Coopers & Lybrand

C.Y. Leung & Company Limited

Dah Chong Hong Ltd.

Hongkong International Terminals Limited Informix Software (HK) Limited

Jardine Freight Services (H.K.) Ltd.

Kiu Lok Property Services (China) Limited Le Saunda Holdings Limited

Nerval Limited

New World Infrastructure Limited OOCL (HK) Limited

San Miguel Brewing International Ltd. Solid Company Limited

Swire Beverages Taikoo Sugar Limited

The Bank of East Asia, Limited

The Hongkong and Shanghai Banking Corporation Limited

Vitasoy International Holdings Limited

71 CUHK students visited China this summer for work and study under the first China Career Development Award Programme. Coordinated by the Office of Student Affairs and the Office of Academic Links (China), it was the most organized and extensive career development programme for students of local tertiary institutions.

Programme Content

The programme consisted of two parts. The first was a fourweek training course entitled 'Knowing Contemporary China' modelled after the training programme for civil servants in Hong Kong. Academics, government officials, and other experts from mainland institutions gave lectures to introduce China's sociopolitical and economic systems. There were also visits to courthouses, factories, farms, as well as the homes of instructors to enhance the participants' understanding of China and its workplace culture. One hundred first-year students participated in this part of the programme.

The second part was a sixweek internship wherein students were assigned to either the branch offices of Hong Kong-based companies in Beijing, Guangzhou and Shenzhen, or other commer-



Students posing at Hong Kong International Airport for a final picture before departure

Staff and Students of CUHK and Beijing Administrative College



From the Mainland
Beijing Changan Market
Beijing Publishing House
China Council for the Promotion of International Trade,
Beijing Sub-Council
The Museum of the War of the Chinese People's
Resistance Against Japan

cial and cultural organizations in Beijing. A total of 71 second- and third-year students benefited from such training.

The programme is an innovative approach to career guidance, and has been designed in response to the increasing integration of the local economy with that of the mainland. Through participation in the project, CU students are able to acquire a better understanding of their motherland and knowledge of business operations in mainland cities. Such experience will give them the competitive edge when applying for jobs related to China and China trade. The University on its part can also establish closer linkages and partnerships with academic, commercial and industrial firms on the mainland through the programme.

More to Benefit

All participants this year were selected through a stringent screening exercise. Selection was based on academic performance, organization and communication skills, participation in extracurricular activities, and proficiency in Putonghua. Most have found the programme highly beneficial. To provide opportunities for more students to take part in the project next year, the University has planned to raise more donations from sponsors to subsidize the project expenses. The 1997 programme was sponsored by the Hui Yeung Shing Memorial Foundation and Dr. Lee Dak Sum.

Experience Sharing

Jessie Cheung (business administration)

The rewards of her four-week training at Tsinghua University far exceeded Jessie's expectations: 'I had wanted to acquire more academic knowledge about China and learn how to interact with different people, and I gained more than I expected.' The training programme at Tsinghua, Jessie pointed out, was intended to give students an overview of post-Cultural Revolution China in terms of its language, culture, politics, economy, and legal system. Special attention was given to China's economic reforms and stateowned enterprises. And of course there were Putonghua lessons. 'The classes were very intensive and the teachers very dedicated. My Putonghua has also improved.' Interestingly the first thing the students learnt was how to sing the national anthem. Jessie said the experience made her more patriotic. 'I didn't have patriotic feelings for China in the past. But that has changed. Our teachers were mainly professors at Tsinghua and other academic institutions as well as government officials. They were all willing to answer our questions. Listening to them expanded my previous western approach to understanding China.'





Jessie (right 1) and classmates during a visit to a Tsinghua professor



Kara Kwong (primary education)

Born in Guangdong, Kara was very clear what she wanted to gain from her training at Beijing University: 'I wanted to know more about China, especially the way people live and other social aspects. I wanted to practise my Putonghua. I also wanted to visit the capital because I'd only been to visit my hometown. I love my country.' So did the programme meet her expectations? 'Yes and no. The course was designed in such a way that we were taught very systematically. The part on finance and economics was quite in-depth, but not the part on population and the nationalities.' She was impressed by the euthusiasm of her teachers at Peking University. 'They all seemed very involved in and excited about what they were teaching. This made us concentrate during lectures,' she said.

During weekends, the students were taken to places of historical and cultural interest. Knowing more about her country of birth has increased Kara's love for it. Knowing also entails critical thinking. Slowly, contemplatively, she commented, 'I think the quality of the people is very important. China's economy may be booming but there are still very rude people in Beijing and bad service at department stores. Education is crucial to

improving the quality of people. A country should not concentrate





Vincent Cheung (computer science and engineering)

'Looking back on my previous impressions of the mainland, I find them biased. To me, China was poor, backward, and secretive, although it might have a beautiful natural landscape. But after my experience at Beijing and Beijing Administrative College, I'm not as pessimistic about my country's future. I also feel more affection for it.' The course, centred around China's political, education, and economic systems, and the operation of state-owned enterprises, was intensive — running six hours at a stretch, and the teachers were 'strict and serious' academics who didn't like their students to be late or noisy. In their spare time Vincent and other CU students at the college would roam the streets and back alleys of Beijing for a taste of the quotidian.

The college had arranged for 'counsellors' to take them sightseeing. There was one 'counsellor' for every group of five or six students. They went to places such as the Imperial Palace, state-owned enterprises, industrial areas, and television stations. A month of studying, living, and discovering together strengthened the bond among the students and set the foundation for close friendship with their counsellors, who were also young people.

Experience Sharing (Cont.)

Florence Lo (business administration)

Florence spent six weeks working for the representative office in Beijing of Taikoo Sugar Ltd., a Hong Kong-based company. She was given three assignments. The first was marketing research; she had to compare 50 supermarkets in terms of hygiene, sales, prices, and display. The second was organizing a promotional campaign to boost Taikoo products. The third was writing up administrative guidelines in Chinese, such as procedures for leave application, booking systems and finance management.

Unlike run-of-the-mill summer jobs in Hong Kong, more often secured for money and to kill time than anything else, Florence's job had much to teach her. 'There are many



Florence Lo

differences between the operation of the retail market in Hong Kong and on the mainland. For instance, the supermarkets in China never clean their shelves or check their stock. These are the responsibilities of the salespersons of the products, who have to clean the area allocated for the display of their products, and to ensure that their products are in adequate supply. Customer psychology is also different. In organizing a lucky draw to promote Taikoo products, I discovered that mainland shoppers had very little interest in it because they felt they had no chance of winning."

Florence's experience has given her the confidence to work on the mainland after graduation. Does she have a word of advice for those who are also planning to work there? 'It's important to localize. Methods and working styles that work well in Hong Kong may not on the mainland. Be flexible.'

Danny Cheng (history)

Danny was 'ecstatic' at getting the job at the Museum of the War of the Chinese People's Resistance Against Japan. Perhaps his academic interest explains it: 'I'm a history student and

> I intend to pursue graduate studies in history. In secondary school history lessons are focussed on the modern and ancient periods. I'm glad to have the chance to study contemporary history.'

> He spent the first three weeks of the five-week training programme attending lectures by staff from the museum's publication and research department. The lectures covered the period from late Qing dynasty to victory of the war of resistance against Japan. In the last two weeks, the students were shown how to be a museum guide — how to gesture and enunciate. There were also frequent visits to other museums, where they observed how exhibits were arranged and displayed, and how things were administered in general.

'I've always had confidence in China. Now I think I might have been over idealistic. China's has many limitations in terms of education, population, transportation. But I feel a greater affinity for the country now than before. I would like to



Danny (right) at the Museum of the War of the Chinese People's Resistance Against Japan

pursue graduate studies on the mainland.'

Research News

RGC Research Grants for 1997-98

A total of 132 research proposals submitted by academic and research staff of the University have succeeded in obtaining earmarked grants totalling HK\$72,331,980 from the Research Grants Council (RGC) this year. Last year's figures were 108 projects and HK\$64,903,000. The University also received a direct grant of \$17.9 million to finance small projects.

For 1997–98, the government has made available \$423 million to eight UGC-funded tertiary institutions for research purposes: \$75 million for direct allocation to the institutions to finance small projects; \$24 million to support new initiatives aimed at encouraging group research and strengthening the research base of these institutions; and \$324 million for selected research proposals submitted by the academic and research personnel in the institutions.

The 132 CUHK projects selected for support fall into four subject disciplines: biology and medicine (45); engineering (40); physical sciences (18); and the humanities, social sciences and business studies (29).

Four More CUHK Research Projects Rated Excellent

In the recent assessment exercise conducted by the Research Grants Council on research projects completed by the UGC-funded tertiary institutions, 10 were rated 'excellent'. Among the 10 are the following four projects undertaken by CUHK staff members:

 Marital Adjustment, Parent-Child Relations and the Psychological Well-being of Midlife Married Adults in Hong Kong

Researcher: Prof. Daniel T. L. Shek, Department of Social Work

- Reading Comprehension in Chinese
 Researcher: Prof. Chen Hsuan Chih, Department of Psychology
- Studies of Structure, Dynamics and Kinetics of Polyelectrolyte Gel Researcher: Prof. Wu Chi. Department of Chemistry
- A Pilot Study of Computerized Database of the Excavated Wood/Bamboo and Silk Scripts of China Researchers: Prof. Jao Tsung-I and Dr. Chen Fong Ching, Institute of Chinese Studies
 To date, the University lays claim to 19 'excellent' projects among the 42 so rated by the RGC.

HK\$20 million Research Grants for 17 Projects

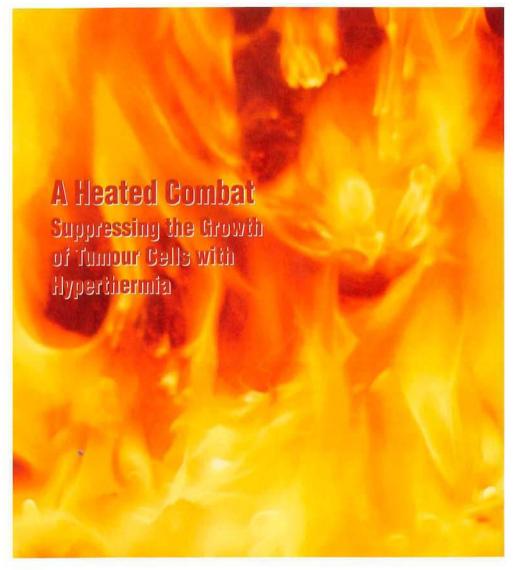
Seventeen research grants totalling HK\$20,564,994 from various local and overseas sponsors were also recorded during the period April to October 1997.

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Sponsors	Amount Awarded (HK\$)	Number of Projects
Industrial Support Fund	12,126,960	5
Health Services Research Committee	3,910,194	6
Occupational Safety and Health Council	500,000	1
Ho Sin-hang Education Endowment Fund	250,000	1
S.K. Yee Medical Foundation	1,369,840	1
AO/ASIF Research Commission, Switzerlar	nd 620,000	1
New Zealand Dairy Board	1,500,000	1
Merck Sharp & Dohme Pharmaceuticals	288,000	1

Highlights of RGC-funded Projects

To generate more interest in the University's research activities, the *Chinese University Bulletin* continues to bring to readers highlights of research projects supported by earmarked research grants of the Research Grants Council.

The *Bulletin* has worked closely with the principal investigators of four projects to explain their research objectives, procedures, and achievements in terms comprehensible to the lay person. The four reports can be found on pages 20–35.



raditional treatments of cancer include chemotherapy, radiotherapy, and surgery. Researchers are continuously seeking new treatment methods that are effective and, at the same time, cause minimal side effects. Hyperthermia is a relatively new method of treating cancer, which can be applied singly or in combination with other anti-tumour treatments. It involves the application of heat to suppress the growth of tumour cells through the use of devices that generate microwaves or electromagnetic waves, or

by directly immersing the patient in a hot water bath.

Hyperthermia

The use of hyperthermia to treat cancer was suggested by researchers in the early seventies but has remained unpopular. This is partly due to the high costs of sophisticated facilities for the treatment and partly because its effect is obvious only on tumours located close to the body surface, such as melanoma, breast cancer, and cancer of the head and neck, where heat can be

easily transmitted. Hypermotherapy can, however, be made more effective by being used in combination with radiotherapy and chemotherapy.

What is the underlying mechanism of hyperthermia on tumour cells? Prof. C.Y. Lee and Prof. K.P. Fung of the Department of Biochemistry began investigating the issue in 1991. Their project, 'The Effect of Hyperthermia on Tumour Cells', received a grant of HK\$350,000 from the Research Grants Council and was rated 'excellent' by the council in late 1996.

Reaction of Tumour Cells to Hyperthermia

Human cells thrive best at 37°C, the normal human body temperature. Results in recent studies indicate that normal cells continue to thrive under temperatures as high as 45°C and beyond. In contrast, the growth of many tumour cells is suppressed at 43°C. The temperature used in hyperthermia is, therefore, set at 43°C.

It is not clear why normal cells have a greater tolerance for heat than tumour cells. But it is known that when treated with heat, normal cells produce high quantities of a class of protein known as 'heat shock proteins' which serve to protect the integrity of other proteins in the cell by maintaining their three-dimensional structures, and hence, their functions. The ability of tumour cells to produce 'heat shock proteins', however, is found to be greatly reduced under hyperthermia. Led by Profs. Lee and Fung, the research team investigated, from a biochemical angle, why tumour cells die at high temperatures, and the changes in cells produced by hyperthermia. The team studied the effect of hyperthermia at 41°-43°C on the cells of various tumours, including human breast tumour, glioma, leukaemia, and hepatoma, as well as Ehrlich ascites tumour and sarcoma in mice. Three main biochemical changes were observed.

Investigators

Prof. Lee Cheuk-yu received his Ph.D. from the University of British Columbia in Canada. He was postdoctoral fellow and later assistant professor at the New England Institute, USA, before joining the CUHK Department of Biochemistry as lectuer in 1972. He was promoted to professorship in January 1985.

Prof. K.P. Fung received his Ph.D. in microbiology from the University of Hong Kong in 1978. He joined the Department of Biochemistry of The Chinese University of Hong Kong as assistant lecturer in 1978. He was promoted to lectureship in 1979, senior lectureship in 1987, and readership in 1995.

Suppressed Glucose Transport in Tumour Cells

Glucose is a major nutrient for living organisms, and tumour cells are especially dependent on glucose for growth and division. In normal cells, glucose is taken into the cell with the aid of glucose transporters on the cell membrane. Once inside the cell, it is oxidized in the cytoplasm and mitochondria through a series of reactions to produce energy. In tumour cells, however, the number of mitochondria is relatively small, and the oxidation of glucose often cannot proceed to completion. The tumour cells thus try to compensate by making more glucose transporters to boost glucose intake. The researchers found that hyperthermia significantly suppresses glucose transport in tumour cells through reduced transporter synthesis. Faced with an insufficient energy supply, the tumour cells undergo a 'programmed cell death'.

Increased Acidity in Tumour Cells

The acidity of body fluids is rigidly controlled. The metabolic functions of human cells proceed optimally at pH 7.4. Small changes in this value by even ±0.2 units to 7.2 or 7.6 can cause great physical

distress. Any changes beyond that can be life-threatening. The researchers found that hyperthermia, through an as yet unknown mechanism, increases the acidity in the tumour cells. As a result DNA and protein synthesis is affected, and the proliferation and growth of tumour cells are reduced.

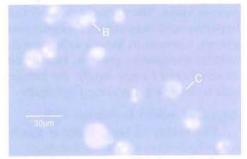
Nucleophosphoprotein B23 in Tumour Cells Translocated

The function of B23, a phosphoprotein found in the nucleolar compartment of cells, is to maintain the normal assembly of ribosomal RNA in order to facilitate synthesis of cellular proteins. The study found that hyperthermia lowers the level of B23 in nucleoli and translocates it, leading to cell death. These effects are similar to the action of certain effective anti-tumour drugs such as doxorubicin. The researchers are currently studying the relationship between

The effect of hyperthermia on translocation of B23 proteins in Ehrlich ascites tumour cells, as observed in immunofluorescence photomicrographs of tumour cells after treatment for two hours.



Control cells after treatment at 37°C show the presence of B23 proteins in the nucleoli (see A).



Tested cells after treatment at 43°C show reduced content (see B), or absence of B23 proteins in the nucleoli (see C).

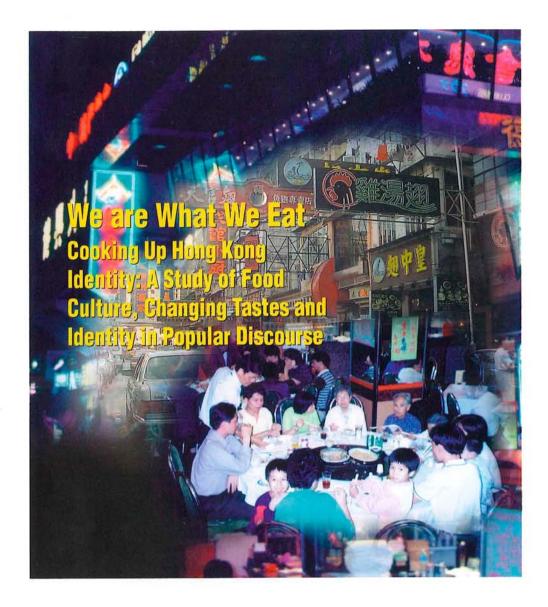
B23 — its reduction and translocation — and the growth of tumour cells, focusing in particular on that between B23 and heat shock proteins under hyperthermia, as well as possible synergistic effects of drugs and hyperthermia in the treatment of cancer.

Research to Continue

The foregoing discoveries point cancer treatment in a new direction. However, as both researchers pointed out, hyperthermotherapy is still in its research stages, far removed from clinical application.

The research team received a further grant of HK\$310,000 from the Research Grants Council in 1995 to continue their study on 'The Mechanism of Combination Treatment of Tumour Necrosis Factor-α and Hyperthermia on Tumour Cells'. Tumour necrosis factor-α (TNF-α) is a special kind of protein released by the human immune system to kill cancer cells. Through genetic engineering, TNF-α can be manufactured as an anti-cancer drug. The researchers now focus their attention on the combined use of hyperthermia and TNF-α, in particular the optimal protocol for applying heat to minimize the side effects of hyperthermia on normal cells. They will also study the effectiveness of combination treatments of hyperthermia and chemotherapy or immunotherapy. The results of these studies may provide useful information on the best mode of applying hyperthermia in clinical settings.

A recent as yet unpublished observation is that hyperthermia when used with TNF-α can effectively suppress the growth of breast cancer cells, and that the order of TNF-α injection and the application of heat can affect treatment results. Another significant finding is that hyperthermia can enhance the entry of Taxol (a new drug for breast cancer) in breast cancer cells to augment the cytotoxic effect of the drug. These and other findings of the research will be published in due course, to assist medical scientists to devise the best treatment strategy for different cancers.



The study of food — of culinary tradition, dietary rules, consumption trends, and food as linked to cultural identity — is an important area of contemporary anthropological concern. Food and cuisine may not always seem to be an obvious marker of identity — not as obvious as clothing, or festivals — but food clearly plays an important role in demarcating cultural identity. 'We are what we eat' is true not only in a physical sense but also in a cultural sense, albeit

metaphorically. We may eat Cantonese, Japanese, or Hakka cuisine to affirm to ourselves who we are culturally, and to explore who we are not. Cuisine plays an important role in solidifying our subjective senses of cultural identity and in creating, through the taste of the present, a nostalgia for a real or imagined cultural past.

Profs. David Y.H. Wu, Siumi Maria Tam, and Sidney C.H. Cheung of the University's Department of Anthropology were fascinated by how changing culinary habits in Hong Kong reflect social and cultural trends in the last few decades. They embarked on a research titled 'Cooking up Hong Kong Identity: A Study of Food Culture, Changing Tastes and Identity in Popular Discourse' in 1995, and were awarded a grant of \$510,000 by the Research Grants Council for the purpose.

The researchers examined food and cultural identity in the context of demographic and family structure, the local tourist industry, the emergence of Hong Kong as an international marketplace, and recent political changes. Special attention was paid to five representative foodways: the coexistence of two contrasting food consumption habits at home and in restaurants, 'yum cha', tea cafés, nouvelle Cantonese cuisine, and 'puhn choi'. By studying these areas they hoped to arrive at a clear conception of the development of food culture in the territory and a deeper understanding of Hong Kong

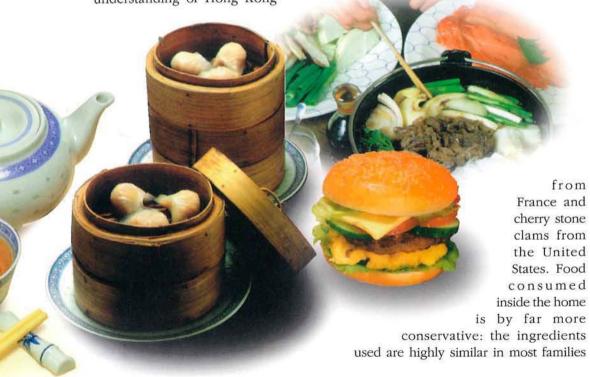
culture as a whole.

Questionnaire surveys in various districts were followed by in-depth interviews of selected subjects during the two years from 1995 to 1997, and interesting new insights were gained into the correlation between food and cultural identity in postwar Hong Kong.

Eating Habits Reveal dichotomy between Traditionalism and Cosmopolitanism

The researchers first compared eating habits inside the home with those outside, and found a marked difference between the two. It is apparent that when people dine outside, variety is what they seek: going to McDonald's for breakfast, lunching at a Japanese restaurant, and having Indian curry as dinner. They are eager to try Korean barbecue after they have tasted belon

oysters



and cooking styles seldom vary from day to day. According to the researchers, such a contrast reflects the dichotomy of Hong Kong life itself: Hong Kong is a cosmopolis boasting international sophistication on the one hand, and on the other an extension of Chinese culture and tradition displaying Cantonese characteristics.

The Function of 'Yum Cha' is Changing

Another area of investigation was the changing function of 'yum cha' - a Chinese-style breakfast meal outside the home with tea-drinking as its main feature. The researchers discovered that in the postwar period when Hong Kong experienced an influx of 'refugees' from mainland China, 'yum cha' was largely an activity of single males, who met over their breakfast tea to socialize or exchange tips about job-seeking. As these firstgeneration immigrants settled down, got married, raised families, and became grandparents, 'yum cha' has also been transformed into a family activity. It serves to draw together family members who may now live and work in different parts of the territory, and hence reinforces the institution of the family. The changing function of 'yum cha' reflects the full indigenization of a whole generation of early immigrants.

Tea Café a Uniquely Hong Kong Product

From tea cafés which sprang up in the difficult postwar years to the fast-food stalls that have prospered since the mid-1980s, Hong Kong people have found a great variety of both Chinese and Western food at very inexpensive prices. According to the researchers, the tea cafés are not only typical of Hong Kong as a melting pot of different cultures, they

actually produce typically Hong Kong food stuff which can reinforce a Hong Kong identity. One example is a drink called *yin yeung*, a mixture of coffee and tea with milk. In *yin yeung* one can see the localization of both Eastern and Western cuisines in the Hong Kong context.

Nouvelle Cantonese Cuisine Emerges with the Middle Class

Then there was also the emergence of nouvelle Cantonese cuisine in the early eighties, first found in a host of tastefully decorated restaurants in Tsim Sha Tsui east. Characterized by the use of exotic ingredients, new recipes, adventurous cooking techniques, and excellent service, it was a taste deliberately created and pursued by the 'newly rich'. The researchers believe that this process of culinary invention reflects larger social and cultural trends: Hong Kong is getting rich and its new middle-class aspire after a lifestyle that is more glamorous and that stresses greater delicacy.

Puhn Choi a Complex Metaphor

A traditional dish in the New Territories, 'puhn choi' boasts a history longer than colonial Hong Kong. The researchers found that towards the end of British rule in Hong Kong in the 1990s, it suddenly became very popular. This nostalgia for 'puhn choi' is pregnant with political meaning. The researchers regard it as a metaphor of Hong Kong people's search for a sense of cultural belonging during a period of great political change.

Many of the research findings can be widely used to understand the changing foodways, consumption patterns, lifestyles, and cultural identities of not only Hong Kong but also Asia and the rest of the world. The three researchers in the

Department of Anthropology thus organized two international conferences to provide a forum for academic exchange with experts in the same field.

The first conference was held from 12th to 14th June 1996. Entitled 'International Conference on Changing Diet and Foodways in Chinese Culture', it was co-sponsored by the Fairbank Center of East Asian Research at Harvard University. Attendees included such wellknown anthropologists as Profs. Li Yih Yuan, James Watson, Rubie Watson and Sidney Mintz. Prof. David Wu delivered a paper on 'Chinese Cafés in Hong Kong', Prof. Maria Tam on 'Yum-Cha in Hong Kong' and Prof. Sidney Cheung on 'Hakka Cuisine: A Case Study of the Consumption of Food in Postwar Hong Kong Society'. The second conference was held on 21st and 22nd November 1997. Entitled 'Chinese Foodways in the Twenty-First Century: Prospects of Globalization of Chinese Food and Cuisine', it was coorganized by the Foundation of Chinese Dietary Culture (Taiwan). Eminent scholars specializing in the anthropological studies of food such as Profs. Jack Goody, Sidney Mintz and Nancy Pollock attended and shared their views on the subject.

The researchers will continue with their analysis of research findings to better understand how urbanization and industrial development have shaped individuals' lifestyles and their sense of the culture they live in. They will also compare Hong Kong with other societies to better grasp the processes of indigenization and globalization through which cultural identity is created.

Prof. David Y.H. Wu (Ph.D., ANU) is a social-cultural anthropologist with special interest in psychological anthropology, ethnic relations, and food and popular culture. He has published extensively on childhood socialization, national identity, and cross-national cultural influence in east Asia. Currently chairman of the Department of Anthropology at The Chinese University of Hong Kong, he is directing research into the social history of local cuisines in southeast Asia and in Chinese communities in the United States.

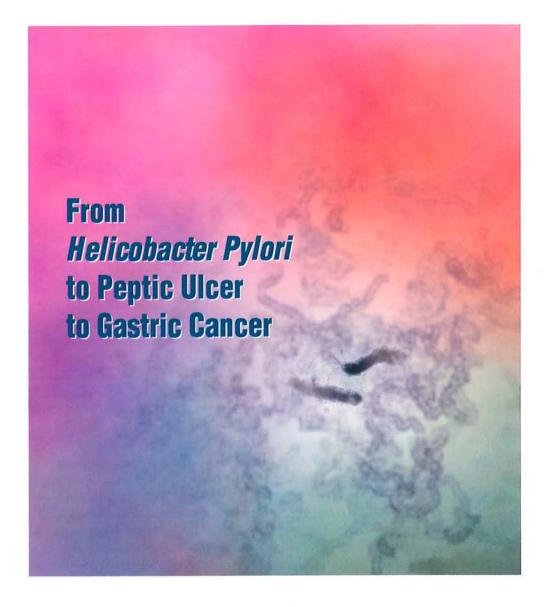


From left: Prof. David Y.H. Wu and Prof. Sidney C.H. Cheung

Prof. Siumi Maria Tam (Ph.D., Hawaii) is a social-cultural anthropologist

with special interest in Chinese and Hong Kong culture, gender relations, ethnicity, and social and cultural change. She is currently conducting research on the Hong Kong diaspora and gender in professions.

Prof. Sidney C.H. Cheung (Ph.D., Osaka), assistant professor in the Department of Anthropology, is a social-cultural anthropologist with special interest in visual anthropology, film studies, anthropology of tourism, Hong Kong and Japanese culture. He is currently conducting research related to changing lifestyles in Hong Kong, domestic tourism in Hong Kong and Japan, and antiquarianism in southeast Asia.



eptic ulcer is the most common chronic illness of the digestive system causing on-and-off symptoms of upper abdominal pain, fullness, gas and bloating. In some patients, it may also give rise to serious complications such as bleeding, bowel perforation, and obstruction. Ulcer bleeding (fig.1) is one of the most common reasons for emergency hospital admission and the incidence of this condition in Hong Kong tops the list in

the whole world.

Acid — the Culprit of Peptic Ulcers?

A German physician so stated a century ago: 'No acid, no ulcer.' The treatment of peptic ulcers has for a long time been concentrated on suppressing acid secretion in the stomach by long-term medication or surgery. Potent and expensive ulcer healing drugs have been



Fig. 1 Peptic ulcer seen under endoscopy

developed which merely suppress acid secretion without changing the natural history of the disease. Once medication is discontinued, ulcers invariably recur within a few months.

Helicobacter Pylori (HP) Closely Associated with the Disease

In 1983, researchers in Australia discovered a bacterium residing in the stomach of patients with chronic gastritis (inflammation of the stomach). Further studies showed that this bacterium. subsequently called Helicobacter pylori (fig. 2), was found in at least 90 per cent of patients suffering from peptic ulcers. The bacteria protect themselves from the high acidity in the stomach by producing 'urease' in the gastric mucosa, which is an enzyme that metabolizes urea and neutralizes gastric acid. They also elaborate various toxic substances which induce inflammation and cause cell damage in the stomach and the duodenum.

HP Infection Treatment vs Acid Suppression Treatment

In view of these findings, Prof. Joseph Sung of the Department of Medicine and

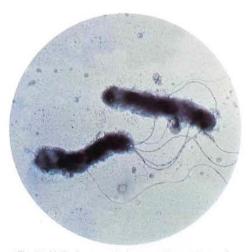


Fig. 2 Helicobacter pylori seen under an electronic microscope

Therapeutics, together with Prof. Sydney Chung of the Department of Surgery and Prof. Augustine Cheng of the Department of Microbiology, resolved to study the effects of treating HP infection on the healing and recurrence of peptic ulcers. Their research received a grant of HK\$386,000 from the Research Grants Council in 1993.

The researchers first studied a group of 153 patients with duodenal ulcer, the more common type of peptic ulcers. These patients with HP infection and duodenal ulcers were randomized to receive either a one-week course of a three-drug regimen (bismuth, tetracycline and metronidazole) to treat HP infection, or four weeks of omeprazole (a potent acid suppression drug) in addition to the three-drug regimen. As a result, HP infection was cured in over 90 per cent of cases in both groups. There was, however, no significant difference in ulcer healing between the two groups despite the fact that one group of patients had not received any medication for acid suppression.

In a second study, 50 patients with gastric ulcer on a one-week course of the three-drug regimen was compared to 50



Prof. Joseph Sung graduated from the University of Hong Kong in 1983 and received training in internal medicine and gastroenterology at the Prince of Wales Hospital. He furthered his training at the University of Calgary in Canada where he obtained his Ph.D. in 1991. A year later, he joined The Chinese University as lecturer in medicine, becoming senior lecturer in 1994. He was promoted to reader rank in 1996 and became head of the Division of Gastroenterology and Hepatology in the Department of Medicine of the University as well as honorary consultant gastroenterologist at the United Christian Hospital.

Prof. Sung obtained his MRCP in 1986, his FRCPEd in 1995, and his FRCP as well as his MD (CUHK) in 1997. His research interests are *Helicobacter pylori* and peptic ulcer diseases.

Prof. Sydney Chung Sheung-chee received his medical education in Ireland and obtained his M.B. B.Ch. and BAO degrees from the National University of Ireland in 1980. After a year of internship in Scotland, Prof. Chung returned to Hong Kong to serve as medical officer in Kwong Wah Hospital.

In 1984 Prof. Chung joined The Chinese University as lecturer in the Department of Surgery. He was promoted to senior lecturer rank in 1988, reader in 1992, and was appointed professor of surgery in 1994. Prof. Chung was awarded an MD degree by the



University in 1988. He is also a fellow of the Royal Colleges of Surgeons of Edinburgh and Glasgow, and a member of the Royal College of Physicians of the UK.



Prof. Augustine F.B. Cheng studied microbiology at the University of Manitoba, Canada, and received his B.Sc. in 1969, his M.Sc. in 1973, his Ph.D. in 1975, and MD in 1977.

From 1978 to 1983, he was a staff physician at the Federal Deer Lodge Hospital in Manitoba. He joined The Chinese University in 1983 as lecturer in microbiology, becoming senior lecturer in 1989, and reader in 1992.

Prof. Cheng is a fellow of the Royal College of Pathologists, the Hong Kong

Academy of Medicine (pathology), and the Royal College of Pathologists of Australasia. Prof. Cheng has published widely on his areas of research interest, which include antimicrobial susceptibility testing, pharmacokinetics, mechanisms of resistance and clinical trials, development of rapid diagnostic methods for infectious diseases, molecular epidemiology and control of hospital infection, and mycobacteriology and helicobacteriology.

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patients on four weeks of omeprazole only. Once again, results showed that ulcer healing in those given treatment for HP infection alone was by no means inferior to those given the more expensive acid-suppressing drug. In fact, within a one-year follow-up period, ulcer recurrence was documented in 50 per cent of the group who received only omeprazole as compared with two per cent (one patient) among those who received the three-drug therapy.

These two studies indicate a causal relationship between peptic ulcers and HP infection. They demonstrate that the treatment of HP infection alone is sufficient for the healing of peptic ulcers, and that the long-term use of acid suppressing drugs is not necessary. Peptic

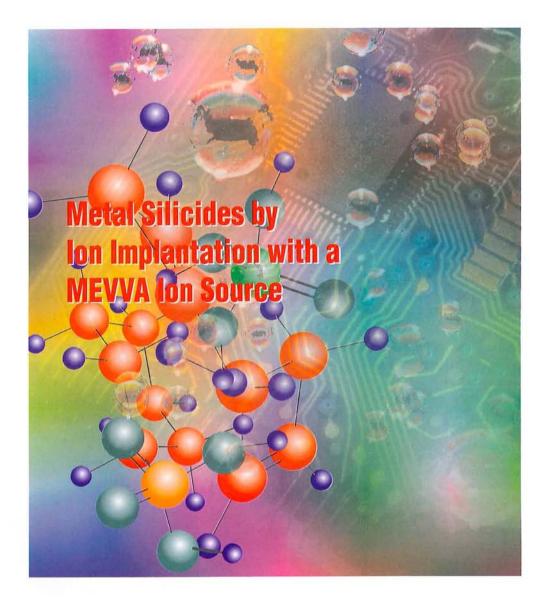
ulcers can be treated as an infectious disease just like pneumonia. This new therapy provides a permanent cure for the chronic digestive disease at a remarkably low cost.

HP Reinfection

In a follow-up study conducted 12 months afterwards, patients cured of HP infection were retested for the bacterium. HP infection had reappeared in the stomach of about 10 per cent of the subjects. This may be due either to incomplete eradication of the bacterium by the one-week therapy or to reinfection. The research group then proceeded to study the possible routes of reinfection. One possible channel of HP transmission is the use of chopsticks in eating.

Probing the Link between HP Infection and Gastric Cancer

The next goal of the research team is to study the possible relationship between HP infection and gastric cancer, the cancer with the highest mortality rate in China. Epidemiological studies based on serological tests showed a strong association between HP infection and gastric cancer. It is postulated that HP induces chronic inflammation of the stomach and gradual changes in the cell nature of the stomach, resulting in the development of the malignancy. It is unknown whether treating the infection can reverse the process of cancer development. In a collaborative study with the Beijing Medical University, the research group has started mass screening and treatment for HP in Yantai county in Shangdong province, a high prevalence area for gastric cancer. It is hoped that the findings will help devise a treatment strategy to forestall the development of gastric cancer.



The progress in integrated-circuit (IC) technology since the late 1950s has enabled the realization of many brilliant electronic systems. These systems, such as computer equipment and peripherals, telecommunication devices, consumer electronics, and industrial electronics, have significantly improved the quality of life.

The fact that electronic equipment has increased in functionality and decreased in cost over the years is largely due to the successful miniaturization of semiconductor devices in IC chips. Such miniaturization is in turn dependent on the metallization process in IC fabrication.

Metallization, which is the process to form metal or metal-like layers in IC structures, provides electrical connection between internal devices as well as contacts of the IC to the outside world, and has great impact on IC performance. When the device dimensions go down to the deep-submicron domain, the delay time attributed to interconnections will gradually take over as the dominant factor in the operating speed of the IC. The delay time will be reduced if the electrical resistance of the interconnections is lowered. Lower resistance will also lead to less heat dissipation. This allows devices to be packed more densely, hence, the size of the IC can be minimized.

To enhance the continued evolution of smaller and smaller devices in VLSI/ULSI (very large-scale integration/ultra large-scale integration) circuits, new and better metallization schemes must be introduced. The realization of such schemes requires a large R & D effort to find out the right materials and the right processes. The results of a research project conducted by Prof. S.P. Wong and Prof. Ian H. Wilson in this area, supported by a grant of HK\$568,000 from the Research

Grants Council, are expected to contribute to the advancement of the metallization technology.

What Are Metal Silicides?

While pure metals have good electrical conductivity, they are not suitable, for different reasons, for VLSI/ULSI applications. Metal silicides, on the other hand, are compounds formed by metals and silicon. Many of them exhibit metallic conduction behaviour and have attracted much attention in the past three decades in the context of metallization applications because of their low and metal-like resistivity, high temperature stability, and high electromigration resistance. I

What Is Ion Implantation?

Though metal silicides have already been employed in a number of metallization schemes in the production of modern IC, the formation of silicides by

Prof. S.P. Wong obtained his B.Sc., M.Phil., and Ph.D. in physics from The Chinese University of Hong Kong. He joined the University's Department of Electronics (now renamed Department of Electronic Engineering) in 1985 as lecturer and was promoted to senior lecturer rank in 1992. Prof. Wong's major research interest is in electronic materials and technology, especially in relation to ion implantation. He is a member of the Materials Research Society, USA and a founding council member of the newly established Hong Kong Materials Research Society.

Prof. Ian H. Wilson received his B.Sc. and Ph.D. degrees from the University of Reading, UK, in 1962 and 1966 respectively. Before joining The Chinese University as professor of electronic engineering in 1991, he was distinguished visiting professor to the Physics Department of Arizona State University, USA. His current research interest includes ionassisted deposition of metal, dielectric and semiconducting thin films, scanning probe microscopy of electronic materials, and the fabrication of new devices by epitaxy and ion implantation. Prof. Wilson is a fellow of the Institute of Physics, a Chartered Engineer, and the founding president of the Hong Kong Materials Research Society.





Other Members of the Research Team

- Mr. Qicai Peng and Mr. W.S. Guo, Ph.D. students of Prof. S.P. Wong
- Prof. J.B. Xu and Dr. W.Y. Cheung, Department of Electronic Engineering, CUHK
- Prof. S.K. Hark, Department of Physics, CUHK
- Dr. N. Wang and Dr. K.K. Fung, Physics Department, HKUST
- Dr. R. Morton and Prof. S.S. Lau,
 Department of Electrical and Computer
 Engineering, University of California at
 San Diego, USA

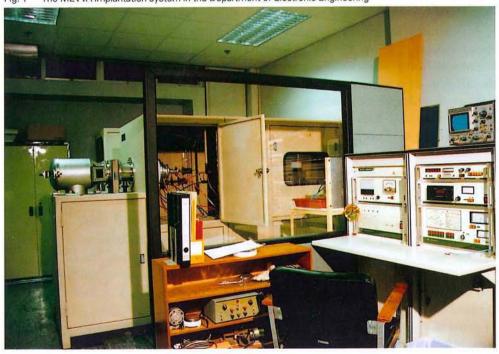
ion implantation is a relatively new technique that has been under investigation only during recent years.

Ion implantation is an indispensable technique in modern IC industry to introduce impurity atoms into semiconductors to change their electrical conductivity in a controlled manner. It is a technique by which electrically charged ions are accelerated under the action of an electric field and implanted into the solid target. The advantages of forming metal silicides by ion implantation include precision in the number and depth of the metal ions introduced, excellent reproducibility and uniformity, and the possibility of forming particular silicides and silicide structures that are very difficult or impossible to produce using conventional processes.

A New Ion Source: MEVVA

In the mid-80s, Brown et al.² in Lawrence Berkeley Laboratory developed a new type of metal ion source, namely the *metal vapour vacuum arc* (MEVVA) ion source. The MEVVA source makes use of the principle of vacuum arc discharge between the cathode and the anode to



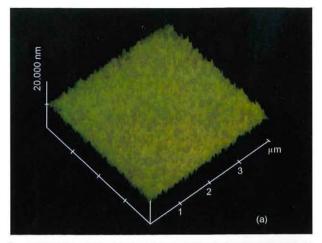


create a dense plasma from which an intense beam of metal ions of the cathode material is extracted. This new metal ion source operates in a pulse mode. A broad beam of high peak beam current of the order of about one ampere and a mean beam current of tens of milli-amperes can be obtained. Due to its high-current and broad-beam capabilities, the MEVVA ion source is employed to solve the throughput problem arising from the high implantation dose required to form silicides.

Forming CoSi₂ by MEVVA Implantation

Prof. Wong and Prof. Wilson first chose to study the formation and properties of CoSi, layers by MEVVA implantation under various conditions, using a number of analytical techniques including atomic force microscopy, crosstransmission electron sectional microscopy, Rutherford backscattering spectrometry, X-ray diffraction, spectroscopic ellipsometry, electrical resistivity measurements, and Hall effect measurements. CoSi, is known to have the lowest electrical resistivity among all the silicides at room temperature. And with its small lattice mismatch of -1.2% with silicon, it can form a good-quality epitaxial layer in silicon.

The researchers have shown that a continuous buried single-crystalline CoSi₂ layer in silicon can be formed with appropriate thermal treatment. They have also studied in detail³⁻⁷ the dependence of the structural and electrical properties of the buried CoSi₂ layers on the processing conditions. The use of MEVVA ion source in their project has enabled a detailed study of the ion beam synthesis of metal silicides. Prof. Wong said, 'Such a study is very difficult, if not impossible,



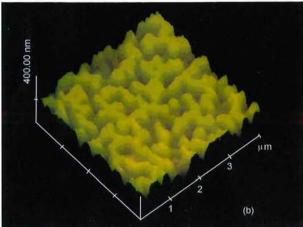


Fig. 2 Typical atomic force micrographs showing the surface morphology of two as-implanted samples of Co implanted Si prepared at an extraction voltage of 70kV to a dose of 2 × 10¹⁷ ions/cm² at substrate temperatures of (a) 210°C, and (b) 760°C

by conventional ion implantation because of the high dose and long time required for the sample preparation.'

Other Silicides and Their Application Possibilities

In addition to CoSi₂, Profs. Wong and Wilson have started studying other silicides formed by MEVVA implantation, including TiSi₂ and FeSi₂. While TiSi₂ is similar to CoSi₂ and holds interest for metallization applications, b-FeSi₂, a form

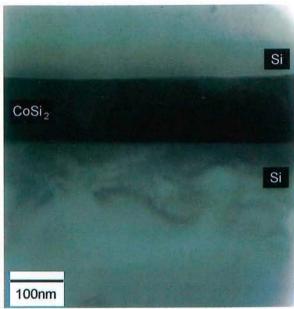


Fig. 3 — A cross-sectional transmission electron micrograph showing a buried CoSi₂ layer in silicon formed by MEVVA implantation

of semiconducting FeSi₂ with a bandgap of 0.85eV, is promising for Si-based integrated optoelectronic device applications. The researchers have also studied the magnetic properties of Feimplanted Si samples by MEVVA implantation and discovered a novel positive magnetoresistance effect. 9

Given these results, Prof. Wong believes that MEVVA implantation is a technique worth further investigation. The formation of metal silicides will be increasingly important in IC technology of the next generation. It also has high potential for novel device applications. In fact, it has recently been proposed that metal silicides may provide a new approach to silicon nanoelectronics surmounting the limit of conventional silicon technology. ¹⁰

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Appointment of Academic/Administrative Staff



Prof. Jia JianminAssistant Professor, Department of Marketing

Prof. Jia obtained a BS in mechanical engineering from Southwest Jiaotong University in China in 1982, and an MS in industrial administration from Shanghai Jiaotong University three years later. He pursued doctoral studies in the United States, receiving his Ph.D. in management science and information systems from the University of Texas at Austin in 1995.

Prof. Jia taught for four years at Southwest Jiaotong University from 1985 to 1989. He then spent three years as visiting scholar at two prestigious American universities: first Carnegie Mellon University, then Duke University. Prior to joining The Chinese University in August 1996, he was a postdoctoral fellow at UT Austin for a year.

Prof. Jia's research interests include consumer choice models, decision-making under risk, and multicriteria decision-making. Research findings have been published in *Management Science*, *Marketing Science*, and other leading international journals.



Prof. Qin LingAssistant Professor, Department of Orthopaedics and Traumatology

Prof. Qin graduated from the Beijing University of Physical Education with a B.Ed. and an M.Ed. in functional anatomy. He then pursued doctoral studies in the German Sports University in Cologne, majoring in experimental morphology and minoring in rehabilitation. After obtaining his Ph.D. in sports science in 1992, Prof. Qin worked as a postdoctoral fellow in the AO/ASIF Research Institute in Switzerland. He was subsequently employed as a research scientist at the Department of Orthopaedics and Traumatology of the Medical School of Rudolf Virchow, Free University, Berlin.

Prof. Qin joined the Department of Orthopaedics and Traumatology of The Chinese University as scientific officer in November 1994. He was appointed assistant professor in January 1997. Prof. Qin's current research focuses on the acceleration of bone-tendon junction healing and the prevention of osteoporosis.

Prof. Alexandros Molasiotis

Assistant Professor, Department of Nursing

Prof. Molasiotis completed his undergraduate training in nursing at the University of Iraklion in Greece. After working for two years as a clinical nurse in a university hospital in Athens, he continued his studies in the UK, obtaining his MS in nursing from the University of Hull and his Ph.D. from the University of Birmingham. In the time between his MS and Ph.D. degrees, Prof. Molasiotis underwent training in the care of bone marrow transplant patients at the Royal Marsden Hospital. This prepared him for his subsequent job as a clinical nurse specialist in the bone marrow transplant unit of the University Hospital, Birmingham.

For the past two years, Prof. Molasiotis was teaching at the University of Liverpool, UK, and the University of Malta, USA. He has published over 20 research reports in top medical and nursing journals, including Cancer Nursing, Journal of Advanced Nursing, Social Science and Medicine, Bone Marrow Transplantation, and the International Journal of Nursing Studies.

Prof. Molasiotis is currently writing for a book on nursing in haematological oncology edited by the Royal College of Nursing in the UK. He plans to continue his research on the psychosocial aspects of cancer in Hong Kong.



Prof. Xu received his Ph.D. from the University of Pennsylvania in the late 80s, whereupon he joined Carnegie Mellon University in 1989 and established the Space Robotics Laboratory, known as the first laboratory dedicated to space robotics research. In the following eight years at Carnegie Mellon, Prof. Xu made significant contributions to space robotics research. He developed a space telerobotics testbed which included a zero-gravity system, and several space robots, including the well-known Self-mobile Space Manipulator (SM). Prof. Xu has also developed new technology and theories in the field of human-machine interface, many of





which have been implemented in real-time control systems in industries.

Prof. Xu has published one book, 35 papers in refereed journals, and over 70 papers in international conference proceedings and book chapters. He also taught graduate and undergraduate courses on robotics and control at the School of Computer Science at Carnegie Mellon and directed the Robotics Education Laboratory.

Prof. Xu is chief advisor of the Chinese National Space Robotics Programme, senior technical advisor of the United Nations Development Programme, and a steering committee member or technical advisor/reviewer of programmes run by NASA, NSADA, Shimizu, Ford, Samsung, Goldstar, and Daiwoo.

Prof. Xu is on the list of *Who's Who in Science and Engineering*, and was selected as one of the 500 most influential scientists in the US in 1996. He is a senior member of the Institute of Electrical and Electronics Engineers, the American Institute of Aeronautics and Astronautics, and a member of the New York Academy of Science.



Prof. David Chen Yongqin

Assistant Professor, Department of Geography

Prof. Chen graduated from Zhongshan University in Guangzhou with a BS in physical geography in 1984, and an MS in environmental science in 1987. In 1996, he obtained his Ph.D. in forest resources from the University of Georgia. Prior to joining The Chinese University, he was a National Research Council postdoctoral fellow at the Environmental Research Laboratory of the United States Environmental Protection Agency in Georgia.

Prof. Chen teaches mainly environmental studies, and environmental hydrology and monitoring. His current research includes hydrologic and water quality modelling, urban hydrology and water supply, and the application of geographic information systems and remote sensing techniques to watershed modelling studies.

Prof. Shouquan Cheng

Assistant Professor, Department of Geography

Prof. Cheng obtained his BS and MS in climatology from Nanjing University in 1982 and 1985 respectively. After graduation he worked as a lecturer in the Department of Geography of his *alma mater* for five years. Then in 1991, Prof. Cheng went abroad to

pursue doctoral studies at the University of Delaware, USA, and obtained his Ph.D. in 1996. He was a postdoctoral fellow at The Chinese University from April to December 1996 before being appointed to the current position.

Prof. Cheng's research interests focus on applied climatology, including synoptic climatology, climate variations, and climatic classification. He has a number of publications on climatic impact assessment, human health, and air pollution.



Prof. Chan Wing-yee

Associate Professor, Department of Anatomical and Cellular Pathology

Prof. Chan studied medicine at the Welsh National School of Medicine in Cardiff and spent a year working in chest medicine and geriatrics units in England before returning to Hong Kong. She then embarked on a very active medical career which included working for the Kwun Tong Community Health Project, engaging in private general practice, helping at a rehabilitation centre for soft drugs abusers, and participating regularly in the Hong Kong Medical Association's public health education programme. Concurrently she pursued part-time studies at The Chinese University leading to a diploma in occupational medicine.

Prof. Chan received training in histopathology at Kwong Wah Hospital, where she developed research interests in gastric and lymphoid pathology. She became a member of the Royal College of Pathologists (UK) in 1995, and a member of the International Academy of Cytology in 1996. She also underwent training in molecular biology at the New England Biolab in Massachusettes, as well as the Ludwig Cancer Research Institute in London.

Prof. Chan's biographic entry was published in *Who's Who in the World 1996*. Her main research interests are non-Hodgkin's lymphomas and gastric cancers, especially in relation to *Helicobacter pylori* and the Epstein-Barr virus.



Professorial Appointments

Prof. Michael B. Devereux

Professor of Decision Sciences and Managerial Economics

Prof. Michael B. Devereux was appointed professor of decision sciences and managerial economics on 3rd July 1997.



Prof. Devereux received his BA in economics and politics from University College in Dublin in 1977, and his MA in economics from the same college three years later. He pursued doctoral studies at Queen's University in Ontario, obtaining his Ph.D. in 1985.

Upon graduation, Prof. Devereux joined the Department of Economics of the University of Toronto as assistant professor. He subsequently taught economics at Queen's University and the University of British Columbia. Besides teaching, Prof. Devereux has since 1990 held various visiting positions, including as visiting scholar to the Board of Governors of the Federal Reserve and the Federal Reserve Bank of Atlanta, and as consultant to the International Monetary Fund of Washington, DC.

Prof. Devereux is a member of the Canadian Economic Association, the Western Economic Association, and the American Economic Association. He is also associate editor of the Canadian Journal of Economics and the Journal of International Tax Policy.



Prof. Leo W. M. LauProfessor of Materials Science

Prof. Leo W. M. Lau was appointed professor of materials science on 15th August 1997.

Prof. Lau obtained his B.Sc. in chemistry from The Chinese University in 1976, and his Ph.D. from the University of British Columbia in 1982. He spent another year at UBC before acquiring a PDF in electrical engineering. For the next 10 years, Prof. Lau worked as a research scientist of Surface Science Western at the University of Western Ontario, becoming leader of its electronic materials research programme in 1986.

Before joining the University, Prof. Lau was a professor at the Department of Mechanical and Materials Engineering at the University of Western Ontario.

Prof. Lau's fields of specialization include industrial liaison/ consultation, polymer surface engineering, process development for electronic device fabrication, and diamond thin films and other hard-coatings.

Prof. Serena Jin Sheng-hwa

Professor of Translation

Prof. Serena Jin Sheng-hwa was appointed professor of translation on 1st October 1997.

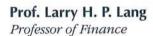
Prof. Jin completed her undergraduate studies in English literature at Chung Chi College before pursuing graduate studies

at Washington University, where she received an MA in 1965. In 1979, Prof. Jin embarked on doctoral studies at the University of Paris-Sorbonne, receiving her doctorate de 3 Cycle en Littérature et Civilisation Françaises in 1983.

The bulk of Prof. Jin's teaching has been at The Chinese University. She first taught at the Department of Philosophy and the Department of English at Chung Chi College, and has had a long and close association with the Department of Translation at New Asia College since 1972. She became senior lecturer of the University's Department of Translation in 1986, and reader in 1991. She is currently chair of the Department of Translation, head of the Division of Translation of the Graduate School, and a trustee of New Asia College.

Prof. Jin is an honorary fellow of the Hong Kong Translation Society, of which she was once president, and a fellow of the Institute of Linguists in London. She was also a member of the Bilingual Laws Advisory Committee for over eights years.

Prof. Jin is the chief editor of *The Journal of Translation Studies*, a refereed journal in the field of translation studies in Hong Kong and the mainland. She has translated and written a lot of books.



Prof. Larry H. P. Lang was appointed professor of finance on 1st October 1997.

Prof. Lang received his BA in economics from Tunghai University in Taiwan in 1978, his MA in economics from Taiwan University in 1980, and his MA and Ph.D. in finance from the Wharton School of the University of Pennsylvania.

Prof. Lang has taught finance at many universities in the US, including the University of Pennsylvania (1986–87), Michigan State University (1987–88), Ohio State University (1988–89), and New York University (1989–93). He joined The Chinese University as reader in finance in 1994.

Prof. Lang's research interests include insider trading activities and regulations, agency issues in dividends, capital structure and corporate takeovers, and corporate bankruptcies and restructuring. He is also on the editorial board of many business and finance journals. □







Council Chairman Dr. Lee Quo-wei Retires

After more than 34 years of distinguished service on the University Council, Dr. Lee Quo-wei retired as chairman of the Council when his term expired on 23rd October 1997. The Council has resolved to name the Faculty of Business Administration in honour of Dr. Lee Quowei to give permanent recognition to his remarkable contribution to the University and, in particular, to the role he has played

in the establishment and development of the Faculty of Business Administration. Now one of the best business schools in Asia and recognized internationally, the Faculty of Business Administration owes much of its rapid growth to the substantial financial support raised on its behalf by Dr. Lee over the years.

A truly distinguished community leader and a devoted educationist, Dr. Lee chaired the Board of Education and was the first chairman of the Education Commission, and has been instrumental in the overall planning and development

At the Council meeting held on 7th October, Dr. Lee Hon-chiu (right), chairman-designate of the University Council, presented a University emblem to Dr. Lee Quo-wei (centre), who was to retire from the office of Council chairman after 34 years of distinguished service to the University. On the left is vice-chancellor Prof. Arthur K.C. Li.



of the education system in Hong Kong. A staunch supporter of tertiary education, Dr. Lee has had a long and close association with the University. He was the Founding Treasurer of the University 1963-82 and then chairman of the Council from 1982 onwards. Under his leadership, the University has grown from strength to strength. It is now an internationally renowned university with 13,000 students and a spacious campus of 134 hectares, offering a comprehensive range of academic programmes and producing excellent research. In the past three decades, Dr. Lee has raised huge sums for the development of the University. He himself has made a generous donation to establish the Wei Lun Foundation Endowment Fund in support of the visiting professorship/fellowship programme at the University to promote the creation and dissemination of knowledge and to strengthen international scholarly exchange. After his retirement. Dr. Lee will maintain close ties with the University as a Life Member of the Council.

Dr. Lee Hon-chiu Succeeds Dr. Lee Quo-wei as Council Chairman

The Chancellor of the University, Mr. Tung Chee-hwa, appointed Dr. Lee Hon-chiu as the new chairman of the University Council. The appointment took effect on 24th October 1997.

Currently chairman and managing director of Hysan Development Company Limited, Dr. Lee Hon-chiu has been a member of the University Council since 1992. He is now chairman of the Terms of Service Committee and the Campus Planning and Building Committee, and a member of the Committee on Donations.

He assumed vice-chairmanship of the Council on 1st July 1997. In these capacities. Dr. Lee has made invaluable contributions to the University. The Lee family, moreover, has given their unremitting support and patronage to the University since its founding. A prominent business leader, Dr. Lee is highly respected in the local and international business community. Also dedicated to community service, he is currently chairman of the Standing Committee on Directorate/Judicial Salaries and Conditions of Service, chairman of Stock Exchange of Hong Kong Ltd., and a member of the National Committee of the Chinese People's Political Consultative Conference.

New Vice-Chairman and Treasurer Elected

The University Council has elected Dr. Alice Kiu-yue Lam, University Treasurer, to succeed Dr. Lee Hon-chiu as vice-chairman of the Council, and Mr. Raymond Kwok, Council member, as the new Treasurer. Both appointments took effect on 24th October 1997.

New Vice-Chairman

Currently co-chairman of Sotheby's, Asia, Dr. Alice Kiu-yue Lam was previously a



practising solicitor and a successful banker. Her association with the University dates back to the late seventies, when she served as a member of the advisory boards of

both the Lingnan Institute of Business Administration and the Three-year MBA Programme. She became a member of the Finance Committee of the Council in 1987, and University Treasurer and chairman of the Finance Committee in 1989. She also serves as a member of the Campus Planning and Building Committee. convener of the Committee on Donations, chairman of the advisory board of the Two-year MBA Programme, and a trustee of the Staff Superannuation Schemes. In these various capacities, Dr. Lam has secured generous donations for the University's development projects, and promoted the well-being of its staff members. She has helped establish The Chinese University of Hong Kong Foundation Limited and the Hong Kong Institute of Biotechnology Limited.

Dr. Lam is also active in public service. She has served on numerous government committees, including the Standing Commission on Civil Service Salaries and Conditions of Serivce. She is now chairman of the Universities Joint Salaries Committee, chairman of the Finance Committee and co-chairman of the Joint Building and Finance Committee of the Hong Kong Academy of Medicine, chairman of the Stephen Cheong Foundation, and also a trustee of the Croucher Foundation.

New Treasurer

Mr. Raymond Kwok is chairman of the University Tender Board and a member of both the Campus Planning and Building Committee and the Committee on Donations. He has contributed to the University's development in multifarious ways.

Educated at Cambridge University and Harvard Business School, Mr. Kwok is the vice-chairman and managing director of Sun Hung Kai Properties Limited, which has business interests in property and infrastructural development, construction, property management,



hotels, public transport, asset management, and telecommunications. Active in public service, Mr. Kwok is a member of the Hong Kong Port Development Board and the

Deposit-taking Companies Advisory Committee.

Mr. Anthony Neoh Resigns from Vice-Chairmanship of the University Council

Mr. Anthony Neoh's term as vice-chairman of the University Council expired on 30th June 1997. Mr. Neoh decided not to stand for re-election due to heavy public engagement.

During his term of office as vice-chairman of the University Council, Mr. Neoh contributed significantly to the administration and development of the University. He will continue to serve as a member of the Council and its Terms of Service Committee and Finance Committee. He is also a trustee for the University's three staff superannuation schemes.

University Members Honoured

Dr. Lee Quo-wei Received Grand Bauhinia Medal

Dr. Lee Quo-wei, former chairman of the University Council, was presented a Grand Bauhinia Medal (GBM) by the Chief Executive of the Hong Kong Special Administrative Region on 2nd July 1997.

The GBM is the highest award in the

honours system of the HKSAR. Recipients must be Hong Kong permanent residents who have displayed distinguishing merits over a considerable period. Those so honoured have, for a long time, fostered among Hong Kong people a love for their motherland, shown concern about and support for China's development, identified with China's accomplishments, and also made outstanding contributions to the Hong Kong community.

Prof. Arthur K.C. Li Awarded Honorary Fellowship by Royal Society of Medicine

Prof. Arthur K.C. Li, vice-chancellor of the University, was presented an honorary fellowship by the Royal Society of Medicine in recognition of his contributions to surgery and his academic eminence on 30th June. This is the highest honour the society can bestow on an individual.

Founded in 1805, the Royal Society of Medicine is recognized internationally as the most prestigious umbrella medical organization in the world. Since its inception it has awarded no more than 100 honorary fellowships, excluding those awarded to the British royalty and past presidents. Prof. Li is the first academic from China to have received such an honour.

Prof. S.T. Yau Awarded National Medal of Science

Prof. S.T. Yau, professor of mathematics, is among the nine winners of this year's US National Medal of Science, which is the United States' equivalent of the Nobel Prize.

Fields medallist in 1982 and recipient of the prestigious Grafoord Prize in 1994, Prof. Yau has been chosen for the award because of his profound contributions to mathematics that have had a great impact on fields as diverse as topology, algebraic geometry, general relativity, and string theory. His work insightfully combines two different mathematical approaches and has resulted in the solution of several long-standing and important problems in mathematics.

Four Honoured by Queen Elizabeth II

Four members of the University were on the Queen's Birthday Honours List published on 14th June 1997 before the reversion of Hong Kong to Chinese sovereignty: Prof. Chen Char-nie of the Department of Psychiatry, Prof. Fanny Cheung of the Department of Psychology, and Prof. Serena Jin of the Department of Translation were each made an Officer of the Most Excellent Order of the British Empire (OBE); Mr. Vincent Chen of the Buildings Office was made a Member of the Most Excellent Order of the British Empire (MBE).

New Emeritus Professor

The University awarded the title of Emeritus Professor of Computer Science and Engineering to Prof. Chen Tien-chi on 30th April 1997.

Prof. Chen joined the University in 1979 and was appointed professor of computer science and electronics in 1980. He was acting dean of science in 1989



and head of United College for two terms from 1981 to 1988.

Prof. Chen has been very active in research and public service. He owns many patents in the area of computer development and application, and has rendered his professional service to many public bodies.

Prof. Chen retired from service at the University on 31st July 1992.

Faculty Deans

Dean of Education

Prof. Chung Yue-ping, professor in the Department of Educational Administration and Policy, has been elected dean of education for three years from 1st August 1997.

Dean of Science

Prof. Lau Oi-wah, professor in the Department of Chemistry, has been reelected dean of science for three years from 1st August 1997.

CUHK MBA Programme Makes Asia's Top Four

The University has been listed as one of Asia's top 25 MBA schools in Asia Inc.'s 1997 ranking. A leading business magazine in Asia, Asia Inc. evaluated over 73 universities from 13 regions in the Asia-Pacific which offer full-time two-year MBA programmes primarily in English. Ranking was based on three criteria — quality of incoming students, quality of education, and the market value of the students. Analysis was coupled with interviews with aspiring students, recent graduates, alumni and deans, and large companies with MBA recruitment programmes. The University ranks fourth this year, after the

Melbourne Business School, The University of New South Wales, and the Indian Institute of Management at Ahmedabad. It is the only institution from Hong Kong that is listed among the top ten.

Conferences/Workshops/ Seminars

- Designing Schools for the 21st Century: Considerations for Hong Kong's School Leaders, 1st March, Department of Educational Administration and Policy, the Hong Kong Institute of Educational Research;
- Antioxidants: From Research to Industrial Development, 21st March, Department of Biochemistry;
- Workshop on Geographic Information Systems in Spatial Population Analysis and Economic Development, 24th and 25th March, CUHK;
- Basic Education in Transition Challenges and Renewal, 5th April, Faculty of Education and the Hong Kong Institute of Educational Research of the University, the Hong Kong Primary Education Research Association;
- Workshop on Neuropsychology Assessment, 9th and 10th April, Department of Psychology;
- Seminar on Translation Theory, 9th April, Department of Translation, Shaw College;
- Symposium on Information on Risks in Public Health Decision-Making, 12th April, Chung Chi College, Department of Community and Family Medicine;
- The Hong Kong International Breast Cancer Conference, 26th and 27th April, CUHK;

- Seminar on Chinese Medicine Education, Research and Application, 2nd May, CUHK;
- Seminar on Child Abuse, 10th May, Department of Psychiatry;
- 97 Symposium on Research in Sport Science and Physical Education: Southeast-Asia Perspective, 10th May, Department of Sports Science and Physical Education;
- Seminar on Chinese Language Teaching in Hong Kong, 15th–17th May, Department of Chinese Language and Literature and the Ng Tor-tai Chinese Language Research Centre of the University, the Hong Kong Examinations Authority, the Curriculum Development Institute, the Advisory Inspectorate of the Hong Kong Education Department;
- Towards Equal Employment Opportunities — Ideal and Reality, 24th May, Gender Research Programme of the Hong Kong Institute of Asia-Pacific Studies:
- Asian Pacific Cardiovascular Update 1997 Symposium, 5th and 6th June, the Divisions of Cardiothoracic Surgery and Cardiology at the Prince of Wales Hospital;
- The Futures of Anthropology: Reflections on Anthropological Research and Teaching in South China, 10th and 11th June, Department of Anthropology, New Asia College;
- Global Telemedicine Conference— Moving with the Sun, 30th June and 1st July, Faculty of Medicine;
- Symposium on Oesophageal Cancer, 30th June, CUHK Faculty of Medicine, the Hong Kong Society of Digestive Endoscopy;
- The Far Eastern Meeting of the Econometric Society, 24th–26th July, Department of Economics, the Chinese Academy of Social Sciences;

- International Conference on the Economic Development and Transformation of the East Asian Economies, 27th and 28th July, Department of Decision Sciences and Managerial Economics;
- Second Medical Education Conference, 1st and 2nd August, Faculty of Medicine;
- '97 Pacific Congress on Marine Science and Technology, 6th–8th August, CUHK as coorganizer;
- International Congress in Algebras and Combinatorics, 19th–23rd August, Department of Mathematics and Chung Chi College as cosponsors.

Lectures

Wei Lun Lectures

- Prof. J. Hillis Miller, Distinguished Professor of English and Comparative Literature at the University of California at Irvine, gave a lecture on 'Globalization and the Study of English and Comparative Literature: Implications for Their Uses in the Present Day University' on 3rd April.
- Prof. Daniel C. Mattis, professor of physics at the University of Utah, gave a lecture on 'Magnetism, from Compass to High-temperature Superconductivity' on 9th April.
- Prof. John M. Swales, professor of linguistics and director of the English Language Institute at the University of Michigan, gave a lecture on 'Language, Science and Scholarship' on 11th September.
- Prof. Henry M. Levin, David Jacks Professor of Higher Education and Economics at Stanford University, gave a lecture on 'Accelerated Education for an Accelerating Economy' on 26th September.

Professorial Inaugural Lecture

Prof. Samuel S.M. Sun, professor of Biology, delivered his inaugural lecture entitled 'Biotechnology: Its Breakthrough in 21st Century Agriculture' on 26th September 1997.

Other Lectures

- Prof. Alenoush Saroyan, associate professor in the Department of Educational and Counselling Psychology and at the Centre for University Teaching and Learning at McGill, was invited by the University's Teaching Development Unit to give a series of talks entitled 'Improving University Teaching: What Works? What Doesn't?' in late February.
- World-renowned nuclear physicist, Prof. Wang Ganchang, delivered a lecture entitled 'The Prospects for Energy Resources in the 21st Century' on 18th April. The lecture was organized by the University under the auspices of the Ho Leung Ho Lee Foundation.
- Prof. Frankie F.L. Leung, adjunct professor of law at Loyola Law School and lecturer in law at Stanford University, was invited by the School of Accountancy to give a lecture entitled 'Is the Basic Law Good for Business?' on 17th May.

Visiting Scholars

 Prof. Gillian Brown, Professor of English as an International Language and director of the Research Centre for English and Applied Linguistics, University of Cambridge, visited United College from 15th to 28th March as its Distinguished Visiting Scholar 1996–97, and delivered three public lectures: 'English as an International Language:

- What Does It Mean?', 'Developments in Listening Comprehension in the Last 30 Years', and 'Interpretation and Context'.
- Prof. Barry E. Cushing, the David Eccles
 Professor of Accounting from the
 University of Utah, visited the School
 of Accountancy from 17th February to
 16th March under the BA Faculty
 Distinguished Visiting Professorship
 Scheme and delivered a public lecture
 on 'The Development of Auditing: A
 Historical Perspective and Future
 Directions'.
- Prof. Samuel Cheung Hung-nin from the Department of East Asian Languages at the University of California at Berkeley visited the University as its first Wilson T.S. Wang Visiting Professor in Language Education and delivered a public lecture entitled 'Linguistic Awareness: Chinese Language Education in Hong Kong' on 14th May.

New Academic Programmes

The University Senate has approved the introduction of 12 new programmes in the academic years 1997–98 and 1998–99.

1997-98

- Certificate Course in Business Communication (a self-financed programme run by the Asia-Pacific Institute of Business)
- Certificate Programme in Management of Extracurricular Activities in Schools (a self-financed programme run by the Hong Kong Institute of Educational Research)
- Intensive Programme in Putonghua, Cantonese, and English for full-time first-year undergraduate students
- · Minor Programme in Environmental

Science

· Minor Programme in Gender Studies

1998-99

- Doctor of Philosophy Programme in Environmental Science
- Master of Accountancy Programme (Part-time, self-financed)
- Master of Philosophy Programme in Gender Studies
- Bachelor of Science Programme in Quantitative Finance
- Bachelor of Education Programme in Language Education
- Bachelor of Science Programme in Materials Science
- Bachelor of Science Programme in Molecular Biotechnology

Joint Lab to Boost GIS Development

The first laboratory for geo-information science in Hong Kong was officially opened on 28th August at the University. The lab is set up by the University and the Chinese Academy of Sciences with resources and facilities from the two institutions. Officiating at the inauguration ceremony were the heads of the two

The Joint Laboratory for Geo-information Science



institutions — Prof. Arthur K.C. Li and Prof. Lu Yong-xiang, and representatives of relevant foundations and committees from Hong Kong, the mainland, and the United Nations.

The Joint Laboratory for Geoinformation Science will serve as a base for interdisciplinary and collaborative research in geo-information science. It will stimulate the development of geoinformation science-related programmes in Hong Kong, and enable local academics and researchers to participate in important experiments and application programmes on the mainland. In turn, Hong Kong experts are expected to contribute to the development of aerial and satellite remote-sensing programmes in mainland China.

Capitalizing on VOD Technology

The Chinese University of Hong Kong Foundation Ltd., on behalf of its wholly owned subsidiary, Information Networking Laboratories Ltd. (INL Ltd.), recently signed an agreement with Singapore's EastGate Group to form a joint venture company in Hong Kong. The new

company, named Vserve Technology Ltd., will engage in interactive multimedia-on-demand products and services. It is granted an exclusive world-wide marketing right of video-on-demand (VOD) video server technology — VIOLA (video-on-lan).

The VIOLA project was developed by the University's Department of Information Engineering with grants from the Hong Kong Industry Department. The VIOLA video server runs on the industry-standard WINTEL (Microsoft Windows NT and Intel Pentium processor) platform, offering a low-cost VOD video server solution with unique features of scalability and server-level fault tolerance. It provides an ideal solution for small to medium VOD installations in karaokes, hotels, and private housing estates.

INL Ltd. aims at facilitating transfer of information networking technology developed by University staff members. It manages a set of intellectual property portfolios transferred from the University and strives to cultivate partnerships with industries for the commercialization of new technology.

Medical News

Promoting Laser Excimer Techniques

The University has successfully applied phototherapeutic keratectomy (PTK), an excimer laser technique, to treat patients with corneal diseases. The technique can be used to remove vision-impairing superficial corneal opacities and smoothen the corneal surface. It is especially effective for treating corneal scars and corneal degeneration.

Another major development in excimer laser technology being studied at the University is laser-assisted *in-situ* keratomileusis (LASIK), the state-of-theart surgery for treating severe short-sightedness.

To promote exchanges in research, education, and clinical services related to excimer laser technology and surgery, the Department of Ophthalmology and Visual Sciences held the 'International Symposium and Mini-fellowship on Modern Challenges of LASIK and PTK' on 12th and 13th April at the Prince of Wales Hospital.

Support Services for Leukaemia and Eye Patients

Adult Blood Cancer Patient Support Group

Adult blood cancer (ABC) patients at the Prince of Wales Hospital have formed a mutual support group with the assistance of the ABC Fund set up by the University's Department of Clinical Oncology. Inaugurated on 19th April, the group aims to facilitate communication between patients and families to help them cope with stress, increase patient awareness of the various treatment methods and their side-effects, and form a territory-wide support network.

Dial Eyecare

A Fight for Sight Foundation telephone hotline has been set up under the auspices of the Zonta Club of the New Territories to provide the public with information on problems and diseases related to the eye and to give eyecare counselling. The hotline, 1878826, also provides information on the Fight for Sight Foundation and on eye clinics in Hong Kong.

The Foundation was established last year by the CUHK Department of Ophthalmology and Visual Sciences to help people with eye diseases and other vision impairments.

Visit by Presidents of Teaching Hospitals in mainland China

A delegation from the National Association of Presidents of Teaching Hospitals of Medical Universities on the mainland headed by former director of the Drum Tower Hospital of Nanjing, Prof. Tao Yi, visited the University from 5th to 11th May 1997.

During their visit, the delegation participated in a seminar on 'Challenges for Teaching Hospitals' organized by the



Prof. Joseph C.K. Lee, dean of medicine, receiving a souvenir from Prof. Tao Yi

University's Faculty of Medicine, and visited the faculty and its teaching hospitals, including the Prince of Wales Hospital, Sha Tin Hospital, and the Hong Kong Eye Hospital.

Contributions to Mainland Medical Magazine

To commemorate the reversion of Hong Kong to Chinese sovereignty, staff of the Faculty of Medicine were invited by the Office of Taiwan, Hong Kong, and Macau Affairs of the Ministry of Health to make contributions to *Medical and Health Developments in Hong Kong*, a special supplement to *Applied Medical Science of Today*, a general medical magazine circulated in China. Among the 20 papers published in the issue, 18 were contributions from staff of the faculty.

The supplement was also published in celebration of the launch of the Lifelive Express, a train running the Beijing-Hong Kong Railway to provide medical services to patients along its route.

Telemedicine Cooperation with Xinjiang

A four-member delegation from the medical school of Shihezi University in Xinjiang visited the Faculty of Medicine in mid-July. Headed by Prof. Wang Gui Sheng, dean of the school, the delegation visited the Prince of Wales Hospital, Lek Yuen Health Centre, the Department of Nursing, as well as the Department of Biochemistry.

The visit was returned in August. Telemedicine specialists from the Faculty of Medicine led by Prof. Hjelm visited the Faculty of Medicine of Shihezi University and its First Affiliated Hospital, and

signed a collaboration agreement with the faculty on 1st September. Cooperation will focus on telemedicine technology for diagnosis, training programmes, conferences, technology instruction, and information and data delivery.

The introduction of telemedicine to Xinjiang is expected to facilitate the exchange of medical information between the region and the rest of China and other parts of the world, and benefit patients in remote areas.

Summer School for Mainland Pathologists

The Department of Anatomical and Cellular Pathology organized the second summer school for pathologists from the mainland from 24th July to 4th August. A total of 67 practising pathologists from medical schools and hospitals in 33 mainland cities attended the function which offered a comprehensive didactic course in diagnostic pathology.

The course teachers included academics and specialists from the University, the University of British Columbia, Beijing Medical University, the Chinese PLA General Hospital, and West China University of Medical Sciences.

The course was supported by a generous donation from The Fok Ying Tung Foundation.

Medical Education Association Established

The Medical Education Association for China Mainland, Taiwan, and the Hong Kong Region was formally established on 2nd August. With a membership consisting of 24 medical institutions from the three areas, the association aims at formulating a medical education system for the Chinese in the 21st century, based on an understanding of the traditional Chinese medical system and experience gathered from modern medical education.

Innovative Projects by the Faculty of Education

Summer Gifted Programme '97

The Faculty of Education organized a summer camp on the campus for 102 gifted students from local secondary schools from 20th to 26th July.

Gifted and talented students often have special needs that are not typically addressed in regular classrooms. Such needs include challenging instructional activities; a faster pace of learning; more



abstract and conceptually complex theorizing; identification and confirmation of their talents, aptitudes, and abilities; talented and knowledgeable teachers who set high learning targets; interaction with supportive peers; exposure to diverse topics and disciplines; and opportunities for reseach, exploratory investigations, and creative ideas.

Through specially designed activites, the camp provided the students with stimulating learning experiences and created an atmosphere conducive to intensive interaction among equally capable peers so that participants could improve their social skills, broaden their horizons, and experience the importance of team work.

Accelerated Schools Project

An Accelerated Schools Project for Hong Kong was officially launched on 11th April with the signing of an agreement between the Faculty of Education and three local schools: the CCC Tam Lee Lai Fun Memorial Prevocational School, the Choi Wan St. Joseph Primary School (afternoon session), and the Yuen Long Long Ping Estate Wai Chow School (afternoon session).

The concept of accelerated schools originates from Prof. Henry Levin of Stanford University who, over 10 years ago, first proposed accelerated schools as a means of enhancing the quality of education. The idea is to provide powerful learning experiences for children through the integration of curriculum, instruction, and organization, and to foster unity of values, beliefs, and attitudes within the school community.

Using Prof. Levin's framework and principles, the Faculty of Education has adapted the project to suit local education needs. Prof. Levin also visited the University in September to consult for the local project.

Accountancy Students Show Their Mettle

Top Scorers in HKSA/ACCA Examinations

Graduates of the University's School of Accountancy outdid other candidates in the HKSA/ACCA joint examinations held in December 1996. The Hong Kong Society of Accountants announced in the May/June 1997 issue of *The Prospective Account: The Students' Journal of the Hong Kong Society of Accountants* that the top scorers for three non-exemptible papers in the professional stage examination are CUHK professional accountancy graduates.

1996 graduate Kwok Man-chung topped other candidates in Paper 10 — 'Accounting and Auditing Practice' (HK), while Regina Lee Sau-yee, also a 1996 graduate, was the top scorer in Paper 13 — 'Financial Reporting Environment' (HK) and Paper 14 — 'Financial Strategy'.

Outstanding Researchers

A project entitled 'Voluntary Disclosure Practice of Annual Reports of Hong Kong Listed Companies' undertaken by five second-year students from the School of Accountancy was selected as one of the five Most Outstanding Accountancy Student Research Projects in an annual contest organized by the Hong Kong Society of Accountants. The prize presentation ceremony was held in May and attended by some 300 accounting teachers and professionals.

Art Exhibitions

Display of Works by Graduating Artists

The Graduation Exhibition 1997 for final-

year Fine Arts students was held from 31st May to 6th June in the west-wing galleries of the Art Museum.

The exhibition featured works by 34 students using different media, including Chinese and Western painting, sculpture, ceramics, printmaking, and mixed media.

A Bond in Art: The Ban Yuan Collection of Works by Gao Jianfu

The Art Museum staged an exhibition entitled 'A Bond in Art: The Ban Yuan Collection of Works by Gao Jianfu' from 19th July to 12th October at its west-wing galleries. The exhibits - some 100 paintings and calligraphy by Gao Jianfu (1879-1951), the founder of the Lingnan School — were formerly in the Ban Yuan Collection of Jian Youwen (Jen Yu-wen 1896-1979). Gao Jianfu received traditional training from Ju Lian (1828-1904), which was subsequently enriched by exposure to Japanese and Western art in Japan, resulting in the development of a unique painting style, in practice and theory, of 'synthesizing Chinese and foreign art, harmonizing the past and the present'.



Jian Youwen, the Master of Ban Yuan, had been a student/friend of Gao Jianfu for several decades, who collected Gao's pantings as early as the 1920s.□

Gifts and Donations

The University has recently received from local and overseas individuals and foundations the following gifts and donations in support of its programmes and projects:

- From Dr. Wilson T.S. Wang HK\$2,000,000 for establishing a visiting professorship scheme in language education in the University.
- (2) From Banca Popolare di Bergamo ITL2,876,000 for awarding two scholarships of ITL1,438,000 each to students studying Italian to attend a summer course at the Istituto Universitario di Bergamo in 1997
- (3) From Prof. Chung Yu-to HK\$100,000 for establishing an endowment fund for awarding an annual prize of \$5,000 to a second-year full-time undergraduate student of the Department of Sports Science and Physical Education from 1997–98.
- (4) From Machiavelli Centro di Lingua e Cultura Italiana per Stranieri ITL3,750,000 for granting a maximum of 10 awards of ITL375,000 each to students studying Italian to attend a summer course at the Machiavelli Centro in Florence, Italy, in 1997.
- (5) From Motorola Semiconductors Hong Kong Limited nine one-third tuition-fee equivalent scholarships annually for three students each of the departments of computer science and engineering, electronic engineering, and systems engineering and engineering management from 1997–98.
- (6) From The S.L. Pao Education Foundation HK\$262,174 for awarding four scholarships for postgraduate students to pursue further studies abroad in 1996–97.
- (7) From The Tung Foundation and Orient Overseas Container Line Ltd. HK\$37,000 for awarding a number of travel awards to undergraduate students for attending overseas conferences or conduct study-travel projects in 1996–97.
- (8) From United Board for Christian Higher Education in Asia US\$3,000 annually for awarding a number of scholarships for research on women and gender from 1996–97.
- (9) From Universita Cattolica del Sacro Cuore ITL18,000,000 for granting a maximum of 12 awards of ITL1,500,000 each to students studying Italian to attend an international workshop at the Universita Cattolica del Sacro Cuore held in the summer of 1997.
- (10) From Universita per Stranieri at Perugia ITI.850,000 for granting an award to a student studying Italian to attend a summer course at the Italian University for Foreigners in Perugia, Italy, in 1997.

- (11) From Chiang Ching Kuo Foundation for International Scholarly Exchange:
 - a. to the Department of Anthropology:
 - HK\$39,363.38 as the final instalment for the publication of *Taiwan Studies: A Journal of Translation* undertaken by Prof. Joseph Bosco;
 - ii. a further donation of HK\$78,970.52 to support a research project on food culture in Taiwan undertaken by Prof. David Wu;
 - to the Department of Architecture a further donation of HK\$57,727.32 to support a research project on oral architectural history of China undertaken by Prof. Tunney Lee;
 - to the Department of History a further donation of HK\$62,360.14 to support the comparative study of Chinese and world history undertaken by Prof. Leung Yuen-sang;
 - d. to the Chinese Medicinal Material Research Centre a further donation of HK\$130,344.05 to support a research project on the standardization of subject headings for a database of traditional Chinese medicine literature undertaken by Prof. Paul But;
 - e. to the Department of Sociology a further donation of HK\$39,098.58 to support a research project on new forms of equity in mainland China undertaken by Dr. Isabelle Thireau; and
 - f. to the Department of Music HK\$53,471.86 as the final instalment for the research project on comparative study of Taoist music undertaken by Prof. Tsao Pen-yeh.
- (12) From Cochlear Limited HK\$25,000 to sponsor the publication of Speech Perception Assessment for Cantonese undertaken by the Department of Surgery.
- (13) From Rotary Club of Shatin HK\$20,000 to sponsor the printing cost of brochures on prevention of cervical cancer published by the Department of Anatomical and Cellular Pathology.
- (14) From Action Committee Against Narcotics HK\$13,000 to support the research project on drug abuse undertaken by the Department of Psychiatry.
- (15) From Mr. Cheung Kee-cheong HK\$8,000 to the Department of Surgery for research purposes.
- (16) From The Croucher Foundation:a. to the Department of Physics HK\$266,000 to

- support the research project on interplay of magnetic and superconducting properties of oxide multilayers undertaken by Prof. H.K. Wong;
- to the Department of Anatomical and Cellular Pathology HK\$105,000 to support a research project on application of comparative genomic hybridization undertaken by Prof. John Chow; and
- to the Department of Mathematics HK\$17,500 to support the international congress in algebras and combinatorics organized by Prof. Shum Kar-ping in Hong Kong in August 1997.
- (17) From Flail Co. Ltd. HK\$2,000 to support a research project undertaken by the Department of Clinical Oncology.
- (18) From The Gentle and Tranquil Tai Chi Chuan Association HK\$10,000 to support the burns treatment and research of the Department of Surgery.
- (19) From Glaxo Wellcome Hong Kong and China Limited HK\$629,000 to support the research project on hepatitis B undertaken by the Department of Medicine.
- (20) From Hong Kong Obstetrical and Gynaecological Trust Fund HK\$30,000 to support a research project undertaken by the Department of Obstetrics and Gynaecology.
- (21) From Lions Kidney Educational Centre and Research Foundation Limited HK\$4,000 to the Renal Unit of the Department of Medicine for research purposes.
- (22) From Merck Sharp & Dohme (Asia) Limited:
 - a. HK\$25,000 to support a clinical study undertaken by the Department of Clinical Pharmacology; and
 - HK\$61,736 to support a research project undertaken by the Department of Microbiology.
- (23) From Novartis Pharmaceuticals (HK) Ltd. HK\$25,000 to support the research on Lescoal in resisting hypercholesterolaemia undertaken by the Department of Clinical Pharmacology.
- (24) From Oriental Press Charitable Fund Association: a. to the Department of Medicine HK\$1,000 to
 - support the Hong Kong lupus nephritis study; and
 - b. to the Department of Surgery:
 - HK\$20,565 for the Burns Foundation;
 - ii. HK\$4,510 to support the Skin Bank.
- (25) From the following donors to the Chinese Medicinal Material Research Centre to support research and the promotion of Chinese medicine:
 - a. Po Sum On Medicine Factory Limited HK\$380,000; and
 - b. Tegent Technology Ltd. HK\$3,000.
- (26) From Schering-Plough HK\$100,830 to support a clinical trial undertaken by the Department of

- Clinical Oncology.
- (27) From SmithKline Beecham Limited:
 - to the Department of Community and Family Medicine HK\$200,000 to support a research project; and
 - to the Department of Medicine HK\$25,000 to support a research project.
- (28) From SOL Ltd. HK\$40,000 to support the research on asthma undertaken by the Department of Medicine.
- (29) From various donors HK\$569,000 to support the Cantonese opera research programme undertaken by the Department of Music.
- (30) From Vita Green Health Products Co. Ltd. HK\$150,000 to support the research project on standardization of *Lingzbi* undertaken by the Department of Pharmacy.
- (31) From Ms. Yin Ai-tsang, Jane HK\$6,000 to support a research project undertaken by the Department of Surgery.
- (32) From Advanced Chemicals Ltd. HK\$50,000 to support a lecture series in chemistry organized by the Department of Chemistry in Hong Kong in December 1996.
- (33) From the following donors to support the first international minimally invasive surgery workshop in paediatric urology organized by the Department of Surgery in Hong Kong in February 1997:
 - A.R. Burkill & Sons (Hong Kong) Ltd. HK\$8,000; and
 - b. Goodman Medical Supplies Ltd. HK\$10,000.
- (34) From Bei Shan Tang Foundation Limited:
 - a. HK\$80,000 to support an international symposium on Chinese calligraphy organized by the Art Museum in Hong Kong in April 1997.
 - HK\$180,000 to support the third international conference on Chinese paleography jointly organized by the Department of Chinese Language and Literature and the Institute of Chinese Studies in Hong Kong in October 1997; and
 - HK\$132,204 towards the additional cost of regrading a post of research assistant to assistant curator in the Art Museum for two years.
- (35) From Boehringer Ingelheim (HK) Limited:
 - to the Department of Medicine HK\$28,000 to sponsor a staff member to attend the American Thoracic Society/American Lung Association annual conference in San Francisco, USA, in May 1997; and
 - b. to the Department of Paediatrics HK\$1,000 to support the children with diabetes.
- (36) From Bristol-Myers Squibb (H.K.) Limited HK\$25,000 to sponsor a staff member of the Department of Surgery to attend an international symposium on intracranial pressure and

- neuromonitoring in brain injury in Virginia, USA, in May 1997.
- (37) From the following donors for The Chinese University of Hong Kong Alumni Trail:
 - a. Mr. Chan Ka-yun, Clarence HK\$500;
 - b. Mr. Cheng Kwok-hon, Leonard HK\$2,000;
 - c. Ms. Cheung Chi-kwan, Angela HK\$100;
 - d. Ms. Lai Chu-ping HK\$200;
 - e. Ms. Lau Lai-ming HK\$500;
 - f. Ms. Lee Chui-san, Susan HK\$200; and
 - g. Mr. Yuen Sze-chun, Anthony HK\$200.
- (38) From the following donors to The Chinese University of Hong Kong Alumni Fund:
 - a. Mr. Chau Hin-cheong/Ms. Leung Miu-wah HK\$450;
 - b. Ms. Cheng Man-wah HK\$500;
 - c. Mr. Ko Chi-keung, Albert HK\$150; and
 - d. Mr. Lam Lik HK\$200.
- (39) From Chung Cheuk-woon HK\$10,000 to support the *in-vitro* fertilization programme of the Department of Obstetrics and Gynaecology in Hong Kong.
- (40) From Churchill Communications North America, Inc. HK\$23,172 to sponsor a staff member of the Department of Psychiatry to chair the scientific symposium on the depression awareness programme jointly organized by the department and the Hong Kong College of Psychiatrists in November 1996.
- (41) From Cordis Neich, Ltd. HK\$5,434.85 to sponsor a staff member of the Department of Medicine to attend an annual meeting of the Cardiac Society of Australia and New Zealand and the Trans-Australian International Coronary Symposium in Brisbane, Australia, in August 1996.
- (42) From the following donors to support the Hong Kong Children Festival by the Department of Psychology from September 1996 to August 1997:
 - a. Crown Can Hong Kong Ltd. HK\$1,000; and
 b. National Mutual HK\$10,000.
- (43) From the following donors to support the international congress in algebras and combinatorics organized by Prof. Shum Kar-ping of the Department of Mathematics in Hong Kong
 - in August 1997: a. EPSON Foundation HK\$70,000; and
 - Wu Jieh Yee Charitable Foundation Limited HK\$100,000.
- (44) From Eli Lilly Asia, Inc. HK\$3,000 to support the Children Diabetes Mellitus Camp organized by the Department of Paediatrics in Hong Kong in March 1997.
- (45) From Honeyclave Medical HK\$36,393 sponsorship covering course fees, air-tickets, and accommodation for a staff member of the Department of Surgery to attend the course on laparoscopic ultrasonography in hepatobiliary and pancreatic disease held in Edinburgh, UK, in

- January 1997.
- (46) From Howmedica Far East HK\$30,896 to sponsor the Department of Orthopaedics and Traumatology to participate in the Hong Kong Industrial Exhibition 1997 in January 1997.
- (47) From Jacobson van den Berg (Medical) Ltd. HK\$134,214 sponsorship covering installation, additional accessories and training for the hyperbaric oxygen chamber (the sigma I monoplace hyperbaric system) donated to the Department of Surgery.
- (48) From Janssen Pharmaceutica:
 - a. to the Department of Psychiatry HK\$55,000 for educational purposes;
 - b. to the Department of Medicine:
 - i. HK\$20,000 to sponsor a staff member to attend an annual conference of the American Society for Artificial Internal Organs in Atlanta, USA, in May 1997;
 - HK\$30,000 to support the Hong Kong dermatology and venereology symposium organized by the department in Hong Kong in September 1997.
- (49) From Johnson & Johnson (HK) Ltd. HK\$30,000 to sponsor a staff member of the Department of Surgery to attend an international congress on neurological surgery in Amsterdam, the Netherlands, in July 1997.
- (50) From Kiangsu & Chekiang Residents (H.K.) Association HK\$24,000 for awarding two interestfree education loans to students with unforeseen financial difficulties in 1996–97.
- (51) From Ms. 林美菁 HK\$1,000 to support the children with burns injury of the Department of Surgery.
- (52) From the following donors for The Hong Kong Paediatric Bone Marrow Transplant Fund of the Department of Paediatrics:
 - a. Ms. Justina Lai Fu-na HK\$8,400; and
 - b. Miss Yim So-mei HK\$500.
- (53) From Lee Hysan Foundation Limited HK\$984,000 to support a series of workshops on the Open Chemical Laboratory organized by the Department of Chemistry.
- (54) From Ms. Lo Wai-Luen HK\$1,750 to support the Problem-based School Partnership Project organized by the Faculty of Education in Hong Kong from January 1996 to December 1998.
- (55) From Microwave USA Limited HK\$200,000 for the establishment of a multimedia demonstration centre at the Information Networking Laboratories of the Faculty of Engineering.
- (56) From Novartis Pharmaceuticals (HK) Ltd.:
 - a. to the Department of Medicine HK\$12,000 to sponsor a staff member to attend an international congress on mucosal immunology in Australia in January 1997; and
 - b. to the Department of Psychiatry HK\$25,000 to sponsor a staff member to attend a world

- congress on biology psychiatry in Nice, France, in June 1997.
- (57) From Positive Living United Services HK\$180,000 to sponsor the recruitment of a clinical fellow in the Department of Psychiatry from January to March 1997.
- (58) From Project Concern Hong Kong HK\$93,215 to sponsor the recruitment of a clinical tutor in the Department of Ophthalmology and Visual Sciences from January to February 1997.
- (59) From Rhone-Poulenc Rorer Asia Pacific Ltd. HK\$20,000 to sponsor a staff member of the Department of Orthopaedics and Traumatology to attend an annual meeting of the American Society for Reconstructive Microsurgery in Florida, USA, in January 1997.
- (60) From Roche Hong Kong Ltd. HK\$25,000 to sponsor a staff member of the Department of Paediatrics to attend an annual meeting of the Royal College of Paediatrics and Child Health in York, UK, in April 1997.
- (61) From Roxy Property Investment Co. Ltd. HK\$250,000 to support the China Career Development Awards Programme organized by the Office of Student Affairs in the summer of 1997.
- (62) From Shell Hong Kong Limited HK\$5,015 for contribution to a University fund under the Affinity Card Programme between July and December 1996
- (63) From Ms. Shum Wai-yee HK\$3,000 to support the ENT Unit of the Department of Surgery.
- (64) From the following donors to support a workshop on wavelets and their applications organized by the Department of Mathematics in Hong Kong in May 1997:
 - us Army Research Office (AMC)-Far East us\$5,000; and
 - b. K.C. Wong Education Foundation HK\$60,000.
- (65) From Ultronics Enterprise Ltd. HK\$50,000 to sponsor staff members of the Department of Diagnostic Radiology and Organ Imaging to attend the annual convention of the American Institute of Ultrasound in Medicine in San Diego, USA, in March 1997.
- (66) From Universal (Hong Kong) Co. HK\$71,900 as the final instalment of a donation to sponsor a scholar from Beijing to visit the University and to establish a collaborative project with Prof. Dominic T.W. Chan of the Department of Chemistry.
- (67) From various donors HK\$382,471.70 to support the '97 CUHK Spring Walkathon held on 23rd February 1997.
- (68) From various donors HK\$626,831.87 to support Operation Santa Claus 1996 of the Burns Foundation of the University.
- (69) From Zimmer Division of Bristol-Myers Squibb (Hong Kong) Ltd. HK\$8,000 to sponsor a staff

- member of the Department of Orthopaedics and Traumatology to attend an annual meeting of the American Academy of Orthopaedic Surgeons in San Francisco, USA, in February 1997.
- (70) From The Children's Cancer Foundation donation of a karyotyping, probe and comparative genomic hybridization workstation to the Department of Paediatrics.
- (71) From Shaw (U.S.) Foundation donation of a hyperbaric oxygen chamber (the sigma I monoplace hyperbaric system) to the Department of Surgery.
- (72) From various donors 78 items of art totalling 408 pieces to the Art Museum in 1996.
- (73) From Estate of Dr. Esther Lee HK\$65,832,461.27 for the development of the University.
- (74) From Mr. 何英傑 HK\$10,000,000 for the development of the University.
- (75) From Mrs. Elaine Soong Kingman and Mr. Roland Soong HK\$1,000,000 for the establishment of the Stephen C. Soong Memorial Endowment Fund for the promotion of activities in the field of Chinese translation studies.
- (76) From Sir Edward Youde Memorial Fund Council HK\$1,155,494 for awarding in 1996–97:
 - a. three awards totalling \$45,494 for the acquisition of personal aids or facilities to assist meritorious disabled students in their learning;
 - b. 13 fellowships of \$38,000 each to postgraduate research students; and
 - c. 28 scholarships of \$22,000 each to undergraduate students.
- (77) From external examiners (Faculty of Medicine) HK\$1,000 for awarding a prize to a medical student.
- (78) From The Hongkong Bank Foundation:
 - a. HK\$45,000 annually for awarding three scholarships of \$15,000 each to undergraduate students from 1996–97; and
 - HK\$52,750 for awarding 11 bursaries to undergraduate students with financial need and academic achievement in 1996–97.
- (79) From The Hong Kong Medical Association HK\$5,000 annually for awarding a prize to an outstanding medical student.
- (80) From Prof. Joseph C.K. Lee HK\$1,500 annually for three years for awarding three subject prizes of \$500 each for medical students in anatomy, biochemistry and physiology from 1996–97.
- (81) From Lee Hysan Foundation Limited HK\$97,626 for awarding two travel scholarships of \$40,000 each plus airfare to students of the Department of Architecture who join a study tour in summer 1997.
- (82) From Providence Foundation Limited HK\$299,322 for awarding in 1996–97:
 - a. seven scholarships totalling HK\$75,000; and
 - a number of bursaries totalling HK\$224,322 to full-time undergraduate students.

- (83) From various donors to the Department of Physics HK\$51,200 for establishing the Physics Prizes Fund for awarding two or more prizes to outstanding students from 1997–98.
- (84) From Mr. Gabriel Yu two tuition-fee equivalent scholarships annually for five years from 1997–98 for two first-year students of the full-time MBA Programme.
- (85) From Mr. Victor K.S. Chu HK\$10,000 to the Department of Architecture to sponsor the publication of student portfolios.
- (86) From Bayer (Singapore) Pte. Ltd. HK\$15,426 to the Department of Pharmacy to support a research project on the efficacy of oral and intravenous administration of ciprofloxacin.
- (87) From Bristol-Myers Squibb (H.K.) Limited HK\$200,000 to support a research project of the Department of Medicine.
- (88) From Quintiles East Asia Pte. Ltd. HK\$31,000 to support a research project of the Department of Medicine.
- (89) From Sanofi Recherche HK\$66,950 to support a research project of the Department of Medicine.
- (90) From Dr. K.W. Chan HK\$100,000 to support the cancer research work of the Department of Clinical Oncology.
- (91) From Mr. Chan Sik-wong HK\$10,000 to the Department of Psychiatry for research purposes.
- (92) From The Croucher Foundation:
 - a. to the Department of Electronic Engineering HK\$225,000 as the final instalment of a donation for the research project on theoretical modelling and experimental study of multisection distributed feedback lasers for advanced lightwave communications;
 - to the Department of Anatomical and Cellular Pathology HK\$168,000 as the final instalment of a donation for the research project on application of comparative genomic hybridization to the detection of DNA imbalances in sinonasal T-cell lymphoma; and
 - c. to the Faculty of Medicine HK\$100,000 to support the second medical education conference for mainland China, Taiwan and Hong Kong regions organized by the faculty in Hong Kong from July to August 1997.
- (93) From the following donors to the Department of Chemistry to support the summer chemical research programme:
 - a. Dow Chemical Pacific Ltd. HK\$10,000; and
 - Hong Kong Oxygen & Acetylene Co. Ltd. HK\$10,000.
- (94) From Haemonetics HK\$3,000 to the Department of Clinical Oncology to support a research project.
- (95) From Novartis Pharmaceuticals (HK) Ltd. HK\$10,000 to the Department of Clinical Oncology to support a research project.
- (96) From Schering-Plough HK\$30,000 to the

- Department of Clinical Oncology to support a research project.
- (97) From Kam Kee Trading Co. HK\$60,000 to the Department of Music to support the Cantonese opera research programme.
- (98) From Medtronic Australasia Pty. Ltd. HK\$12,030.80 to the Department of Medicine to support neurological research.
- (99) From Merck Sharp & Dohme (Asia) Limited:
 - to the Department of Medicine HK\$500,000 to support a study on the regression of cerebral artery stenosis; and
 - to the Department of Paediatrics HK\$29,250 to sponsor staff members to attend an Asian congress of paediatrics in Hong Kong in March 1997.
- (100) From Novo Nordisk A/S HK\$197,500 to the Department of Medicine to support the Asian young diabetes research study.
- (101) From SmithKline Beecham (Singapore) Pte. Ltd. HK\$198,000 to the Department of Medicine to support a clinical research.
- (102) From SmithKline Beecham Limited:
 - a. to the Department of Community and Family Medicine HK\$100,000 to support the research project on seroepidemiology of hepatitis A and B in adolescents; and
 - to the Department of Medicine HK\$10,000 to sponsor a staff member to attend the International League of Association for Rheumatology congress in Singapore in June 1907
- (103) From Takeda IMC Chemical Ltd. HK\$25,000 to the Department of Medicine to support gastroenterological research.
- (104) From the following donors to support the Hong Kong postgraduate conference on eye research organized by the Department of Ophthalmology and Visual Sciences in Hong Kong in April 1997:
 - a. A & P Instrument Co. Ltd. HK\$800;
 - b. Associated Medical Supplies Co. Ltd. HK\$800;
 - c. China South Technology Ltd. HK\$2,000;
 - d. Kou Hing Hong Scientific Supplies Ltd. HK\$500;
 - e. Leica Instruments Limited HK\$1,000;
 - f. Onwon Trading Ltd. HK\$1,000; and
 - g. Worldtech Medical Supplies Ltd. HK\$1,000.
- (105) From Abbott Laboratories Limited HK\$8,000 to sponsor a staff member of the Department of Paediatrics to attend a congress of the European Society for the Study and Prevention of Infant Death held in Barcelona, Spain, in May 1997.
- (106) From Advanced Technology Laboratories Hong Kong Limited HK\$50,000 to support the 'Hands On' head and neck ultrasound workshop organized by the Department of Diagnostic Radiology and Organ Imaging in Hong Kong in June 1997.

- (107) From Bayer China Co. Ltd. HK\$2,000 to the Department of Pharmacy to support educational activities for students.
- (108) From the following donors to support the exhibition on The Art of Wong Po-yeh organized by the Art Museum in conjunction with Guangzhou Art Museum and Chinese Artist Association in Beijing in July 1997:
 - Bei Shan Tang Foundation Limited HK\$90,000;
 and
 - b. Mr. Wong Tai-shing HK\$40,000.
- (109) From Cathay Pacific Airways Ltd. HK\$1,000 to the Department of Orthopaedics and Traumatology to support the Cathay Pacific Wheelchair Bank for children with neuromuscular disease.
- (110) From the following donors to support the advanced training course for orthopaedic surgeons organized by the Department of Orthopaedics and Traumatology in Hong Kong in November 1997:
 - a. Dr. Chan Kow-tak HK\$20,000;
 - b. Dr. Leong Siu-hong, David HK\$50,000; and
 - c. Simon K.Y. Lee Foundation Ltd. HK\$30,000.
- (111) From the following donors to the Department of Paediatrics for The Hong Kong Paediatric Bone Marrow Transplant Fund:
 - a. Mr. Cheung Wai-nam HK\$1,000;
 - b. Mr. Fung Wai-hung HK\$300; and
 - c. Miss Hung Lai-lai HK\$1,000.
- (112) From the following donors to the Department of Clinical Oncology for the Adult Blood Cancer (ABC) Fund:
 - a. Miss Chow Yin-chun HK\$1,000;
 - b. Mr. Ko Siu-kee HK\$16,000;
 - c. Mr. Lau Chi-man HK\$1,100;
 - d. Mr. Lau Yuet-fu HK\$500;
 - e. Roche Hong Kong Limited HK\$10,000;
 - f. Schmidt & Co. (H.K.) Ltd. HK\$3,000;
 - g. Madam Yip Wai-yan, Meg HK\$500;
 - h. Miss Yue Siu-fong HK\$1,600; and
 - i. Wyeth (H.K.) Limited HK\$3,000.
- (113) From Mr. Chung Kin-shun, Jimmy HK\$30,000 to support the University's student exchange programme with the University of Toronto.
- (114) From the following donors to support the fifth annual scientific conference of the Hong Kong Institution of Science organized by the University in Hong Kong in September 1997:
 - a. CITIC Pacific Ltd. HK\$50,000; and
 - b. Mr. Leung Kam-chung, Antony HK\$20,000.
- (115) From the following donors to support the medical education conference for China, Taiwan and Hong Kong regions organized by the Faculty of Medicine in Hong Kong from July to August 1997:
 - a. Honeyclave Medical HK\$10,000;
 - b. Megaford Company Limited HK\$1,000;
 - c. Swindon Book Co. Ltd. HK\$10,000;
 - d. Ting Kwon Metal Manufacturing Ltd. HK\$1,000;
 - e. Wearmax Holdings Ltd. HK\$30,000;

- f. World Ways Co. (H.K.) Ltd. HK\$2,000; andg. Wyeth (H.K.) Limited HK\$30,000.
- (116) From Eli Lilly Asia, Inc.:
 - to the Department of Paediatrics HK\$1,950 for educational activities;
 - to the Department of Psychiatry HK\$38,500 to sponsor a staff member to attend a scientific meeting of the Pacific Rim College of Psychiatry and the American Psychiatric Association annual meeting in San Diego, USA, in May 1997.
 - to the Department of Surgery HK\$22,540 to sponsor a staff member to attend the world congress of otorhinolaryngology, head and neck surgery in Sydney, Australia, in March 1997; and
 - d. to the Department of Medicine HK\$30,000 to sponsor a staff member to attend the International Diabetes Federation congress held in Helsinki, Finland, in July 1997.
- (117) From Ferring Pharmaceuticals Limited HK\$24,000 to sponsor a staff member to attend the International Diabetes Federation congress held in Helsinki, Finland, in July 1997.
- (118) From the following donors to support Operation Santa Claus 1996 for the Burns Foundation of the University:
 - The English Schools Foundation West Island School HK\$19,590.50;
 - Hackwood Service Company (H.K.) Limited HK\$6.538.60;
 - c. KPS Retail Stores Ltd. HK\$546,279.70; and
 - d. Members of KPS Retail Stores Ltd. HK\$138,990.
- (119) From Friends of the Art Museum HK\$30,000 to the Art Museum to support the Sir Edward Youde Memorial Summer Work-Study Programme.
- (120) From Glaxo Wellcome Hong Kong HK\$10,000 to support the Hong Kong dermatology and venereology symposium organized by the Department of Medicine in Hong Kong in September 1997.
- (121) From The Hong Kong Mathematical Society HK\$10,000 to support the workshop on wavelets and their applications organized by the Department of Mathematics in Hong Kong in May 1997.
- (122) From The Industrial Promoting Co. Ltd. HK\$18,000 to the Department of Surgery to sponsor a staff member to attend the congress of Asian and Oceanian Society of Neuroradiology and Head and Neck Radiology held in Taipei, Taiwan, in March 1997
- (123) From Janssen Pharmaceutica HK\$18,000 to support the exchange seminar with Guangdong Pharmacists Association organized by the Department of Pharmacy in Hong Kong in April 1997.
- (124) From Johnson & Johnson (HK) Ltd. HK\$10,000 to support the international minimally invasive

- surgery workshop in paediatric urology organized by the Department of Surgery in Hong Kong in February 1997.
- (125) From Kam Moon Kok Cafe HK\$3,000 to the Department of Surgery for the Burns Foundation.
- (126) From Oriental Press Charitable Fund Association to the Department of Surgery:
 - a. HK\$4,680 for the Burns Foundation; and
 b. HK\$580 to support the Skin Bank.
- (127) From Kiangsu & Chekiang Residents (H.K.) Association HK\$86,000 for awarding nine interestfree loans to students with unforeseen financial difficulties in 1996–97.
- (128) From Lee Foundation, Singapore HK\$35,000 to sponsor a postgraduate student from mainland China to complete her Ph.D. programme at the Department of Sociology.
- (129) From Li & Fung Group a further donation of HK\$3,959.97 to support the Li & Fung Public Lectures on Commerce and Industry organized by the MBA programmes of the University in Hong Kong in September 1996.
- (130) From Medical System Supply Limited HK\$36,000 to the Department of Surgery to sponsor a staff member to attend an annual meeting of the European Society of Paediatric Urology held in Rome, Italy, in April 1997.
- (131) From Medisport Limited HK\$8,000 to support the hand rehabilitation course organized by the Department of Orthopaedics and Traumatology held in Ningbo in November 1996.
- (132) From Olympus Hong Kong Limited to the Department of Surgery a sponsorship of HK\$28,952 covering air-ticket and accommodation for a staff member to attend the endoscopy master's forum held in Orlando, USA, in January 1997.
- (133) From Otsuka Pharmaceutical Co. Ltd. HK\$38,000 to sponsor a staff member of the Department of Surgery to attend a meeting of the St. Mark's Academic Institute held in London, UK, from May to June 1996.
- (134) From Pfizer Corporation to the Department of Surgery a sponsorship of HK\$15,000 covering airticket, registration fee, and accommodation for a staff member to attend an annual meeting of the American Urologic Association held in New Orleans, USA, in April 1997.
- (135) From Pharmacia & Upjohn Ltd. HK\$13,742 to sponsor a staff member of the Department of Ophthalmology and Visual Sciences to attend the American Academy of Ophthalmology annual meeting held in Chicago, USA, in October 1996.
- (136) From Project Concern Hong Kong HK\$93,630 to sponsor the recruitment of a clinical tutor in the Department of Ophthalmology and Visual Sciences from March to April 1997.
- (137) From Roche Hong Kong Ltd. HK\$10,000 to support the inauguration ceremony of the Hong Kong

- Epidemiological Association organized by the Centre for Clinical Trials and Epidemiological Research in Hong Kong in April 1997.
- (138) From Schering Limited HK\$1,620 to sponsor a staff member of the Department of Obstetrics and Gynaecology to attend the consensus meeting on menopause in the Far East Asian Region held in Geneva, Switzerland, in May 1997.
- (139) From Shell Hong Kong Limited a contribution of HK\$2,685 to a University Fund under the Affinity Card Programme from January to March 1997.
- (140) From Sun Hung Kai Properties Charitable Fund Ltd. HK\$150,000 to support the 1997 Far Eastern Meeting of the Econometric Society organized by the Department of Economics in Hong Kong in July 1997.
- (141) From Teh-Hu Steamship Co. (Hong Kong) Ltd. HK\$170,000 to support the Chinese Language Standard Project undertaken by Prof. C.Y. To and Prof. D.C. Lau from July 1997 to June 1998.
- (142) From Thomas H.C. Cheung Foundation Ltd. HK\$200,000 for purchasing two racing boats for the student rowing team to participate in the Intervarsity Rowing Championship.
- (143) From various donors HK\$38,470 to support the '97 CUHK Spring Walkathon organized by the Office of Alumni Affairs on 23rd February 1997.
- (144) From various donors HK\$9,202.06 for The Chinese University of Hong Kong Alumni Trail.
- (145) From various donors HK\$9,560 to support the Children Diabetes Mellitus Camp organized by the Department of Paediatrics in Hong Kong in March 1997.
- (146) From various donors gifts and donations totalling HK\$1,593,169.10 to Chung Chi College from November 1996 to March 1997.
- (147) From K.C. Wong Education Foundation HK\$80,000 to support the Europe-China-Hong Kong workshop on 3D computer vision organized by the Department of Electronic Engineering in Hong Kong in May 1997.
- (148) From Zonta Club of The New Territories HK\$15,000 to the Department of Ophthalmology and Visual Sciences for the Fight for Sight Charity Foundation.
- (149) From Cathay Pacific Airways Ltd. sponsorship of up to 10 air-tickets to students who are participating in an exchange programme or the International Asian Studies Programme organized by the University from June 1997 to May 1998.
- (150) From Estate of Dr. Esther Lee HK\$58,104,650 for the development of the University.
- (151) From Banque Nationale de Paris HK\$6,500 annually for granting an award to a second-year student of the Two-Year MBA Programme who will participate in one of its student exchange programmes.
- (152) From Citibank, N.A. two tuition-fee equivalent

- scholarships annually, one for a student of the Two-Year MBA Programme, and the other for an undergraduate student majoring in either economics or business administration by rotation for a two-year term from 1997–98.
- (153) From Ernst & Young HK\$43,100 annually for awarding a scholarship to an outstanding student majoring in professional accountancy.
- (154) From Exxon Chemical International-Asia Ltd. HK\$30,750 annually for awarding a scholarship to an outstanding student of the Two-Year MBA Programme from 1997–98.
- (155) From Gilbert Holdings Limited HK\$14,000 annually for awarding two scholarships to outstanding undergraduate students of the Faculty of Business Administration and the Department of Music respectively from 1997–98.
- (156) From The Glorious Sun (Holdings) Ltd. HK\$20,000 annually for granting two awards to second-year students of the Two-Year MBA Programme who will participate in exchange programmes from 1997–98.
- (157) From Hong Kong Industrial Relations Association HK\$5,000 annually for awarding a scholarhip to an outstanding final-year student concentrating in the human resources and training related management option from 1997–98.
- (158) From The Hong Kong Institute of Company Secretaries HK\$3,600 annually for awarding three prizes to outstanding business administration students.
- (159) From The Hong Kong Pathology Society HK\$1,000 annually for awarding a prize to an outstanding medical student with the highest aggregate mark in the Second Professional Examination from 1997– 98.
- (160) From Jackie Chan Charitable Foundation HK\$18,000 annually for awarding two scholarships of \$9,000 each to outstanding students of the Department of Music from 1997–98.
- (161) From John Swire & Sons (H.K.) Limited HK\$216,000 annually for awarding six scholarships to students of the faculties of arts, business administration, engineering, science, and social science.
- (162) From the Kowloon Chamber of Commerce HK\$80,000 annually from 1997–98 for awarding:
 - a. three scholarships totalling HK\$40,000 to outstanding students majoring in Chinese language and literature, economics, and social work; and
 - six bursaries totalling HK\$40,000 to outstanding students with financial need.
- (163) From LeaRonal Asia Limited HK\$10,000 annually for awarding a scholarship to a final-year student majoring in chemistry.
- (164) From Miss Leung Pui Han Scholarship Fund HK\$60,000 for awarding a number of bursaries to

- students in need in 1997-98.
- (165) From Li Po Chun Charitable Trust Fund Committee HK\$307,500 in 1997–98 for awarding:
 - a. three scholarships of HK\$25,500 each to fulltime postgraduate students; and
 - 11 scholarships of HK\$21,000 each to full-time undergraduate students.
- (166) From Mary Sun Medical Scholarship Fund HK\$264,000 annually for awarding 24 scholarships of HK\$11,000 each to medical students on the basis of academic merit and financial need.
- (167) From Milupa Ltd. HK\$5,000 annually for awarding two prizes of HK\$3,000 and HK\$2,000 respectively to outstanding medical students.
- (168) From S.K. Yee Medical Foundation HK\$133,000 annually for awarding 11 scholarships to outstanding medical students.
- (169) From Soma International Ltd. HK\$40,000 for awarding a number of interest-free loans to students in need in 1997–98.
- (170) From United Board for Christian Higher Education in Asia US\$5,000 annually for awarding a number of scholarships for research on women and gender.
- (171) From American International Assurance Company (Bermuda) Ltd. HK\$20,000 to support a comparative study on dialects of Southeast China undertaken by The Ng Tor-Tai Chinese Language Research Centre.
- (172) From an anonymous donor HK\$500,000 to support the research and community work undertaken by the Department of Psychology.
- (173) From Anthony Ng Architects Ltd. HK\$100,000 to support a research project on China's low-cost housing undertaken by the Department of Architecture.
- (174) From Dr. Stephen K.W. Chan HK\$100,000 to support the cancer research undertaken by the Department of Clinical Oncology.
- (175) From Mr. Chen Poon-su HK\$20,000 to support the endoscopic reseach undertaken by the Department of Surgery.
- (176) From Chiang Ching Kuo Foundation for International Scholarly Exchange:
 - to the Department of Anthropology HK\$78,080.76 as the final instalment for the research project on food culture in Taiwan;
 - to the Department of Architecture a further donation of HK\$57,076.98 to support a research project on oral architectural history of China;
 - to the Department of History HK\$61,657.54 as the final instalment for the comparative study of Chinese and world history;
 - d. to the Chinese Medicinal Material Research Centre HK\$128,875.49 as the final instalment for the research project on the standardization of subject headings for a database of traditional Chinese medicine literature; and

- to the Department of Sociology a further donation of HK\$38,658.11 to support a research project on new forms of equity in mainland China.
- (177) From Mr. Peter H.C. Chiu HK\$50,000 to support the research project on molecular authentication of ginsengs undertaken by the Chinese Medicinal Material Research Centre.
- (178) From Eli Lilly Asia, Inc. HK\$50,000 to support a clinical trial on the treatment of advance non-small cell lung cancer undertaken by the Department of Clinical Oncology.
- (179) From Fresenius Medical Care Hong Kong Limited HK\$170,000 to support the research project undertaken by the Department of Medicine and Therapeutics.
- (180) From Fujisawa Hong Kong Ltd. HK\$104,500 to support the research project undertaken by the Department of Medicine and Therapeutics.
- (181) From Glaxo Wellcome China Ltd.:
 - a. to the Department of Medicine and Therapeutics:
 - i. HK\$318,000 to support a clinical trial;
 - ii. HK\$20,000 to support the Asthma Education Fund:
 - to the Department of Surgery HK\$50,000 to support a clinical study of endoscopy;
 - c. to the Department of Paediatrics:
 - HK\$9,750 to sponsor five staff members to attend the Asian congress of paediatrics in Hong Kong in March 1997;
 - ii. HK\$15,000 to sponsor two staff members to attend the American Academy of Neurology annual meeting in Boston, USA, in April 1997;
 - d. to the Faculty of Medicine HK\$40,000 to support the medical education conference for mainland China, Taiwan and Hong Kong regions organized in Hong Kong from July to August 1997.
- (182) From Glaxo Wellcome Hong Kong Limited HK\$8,000 for research purposes of the Department of Surgery.
- (183) From Merck Sharp & Dohme (Asia) Limited to the Department of Medicine and Therapeutics:
 - a. HK\$77,190 to support the Losartan CHF study;
 - HK\$10,000 to support the Hong Kong dermatology and venereology symposium organized by the department in Hong Kong in September 1997;
 - HK\$20,000 to sponsor a staff member to attend the International League of Association for Rheumatology congress in Singapore in June 1997.
- (184) From the National Research Institute of Chinese Medicine HK\$234,523.87 to the Chinese Medicinal Material Research Centre to support:
 - a. the research project on authentication of Chinese medicines by DNA-fingerprinting; and

- the conference on research in Chinese medicine.
- (185) From Pfizer Corporation HK\$30,000 to support the epidemiological study on dementia and depression in the elderly in Hong Kong undertaken by the Department of Psychiatry.
- (186) From Sanofi Recherche HK\$202,968.77 for the stroke research undertaken by the Department of Medicine and Therapeutics.
- (187) From Schering-Plough:
 - to the Department of Medicine and Therapeutics HK\$150,000 to support the predict study on hepatitis; and
 - b. to the Department of Paediatrics HK\$30,000 to sponsor a staff member to attend the 1997 international conference of the American Thoracic Society in San Francisco, and the investigators meeting of the preventia trial in New York, USA, in May 1997.
- (188) From SmithKline Beecham Limted:
 - a. to the Department of Community and Family Medicine HK\$31,000 to support the research project on seroepidemiology of hepatitis A and B in adolescents; and
 - to the Department of Surgery HK\$7,000 to support the advanced functional endoscopic sinus surgery workshop organized by the department in Hong Kong in June 1997.
- (189) From Abbott Laboratories Limited HK\$20,000 to sponsor a staff member of the Department of Surgery to attend the British Association of Urological Surgeons annual meeting in Bournemouth, England, in June 1997.
- (190) From the following donors to the Department of Clinical Oncology to support the Adult Blood Cancer (ABC) Fund:
 - a. Adult Blood Cancer Patient Support Group HK\$1,030.80;
 - b. Mr. Chan Po-kwong HK\$800;
 - c. Hong Lok Yuen International School HK\$1,357.60;
 - d. Miss Jong Wai-ping HK\$500; and
 - e. Zeneca China Limited HK\$5,000.
- (191) From the following donors to sponsor the recruitment of a clinical tutor in the Department of Ophthalmology and Visual Sciences:
 - a. Alcon Hong Kong Ltd. HK\$143,375; and
 - b. Project Concern Hong Kong HK\$87,942.50.
- (192) From the following donors to support the advanced functional endoscopic sinus surgery workshop organized by the Department of Surgery in Hong Kong in June 1997:
 - Armedic Far East Limited HK\$3,500;
 - Bristol-Myers Squibb (H.K.) Limited HK\$30,000; and
 - c. Eli Lilly Asia, Inc. HK\$3,500.
- (193) From Astra Pharmaceuticals (HK) Limited:
 - a. to the Department of Surgery:
 - i. HK\$18,000 to support the advanced

- functional endoscopic sinus surgery workshop organized by the department in Hong Kong in June 1997;
- ii. HK\$25,000 to support the ENT update course jointly organized by the department and the Hong Kong College of General Practitioners in June 1997; and
- b. to the Department of Medicine and Therapeutics HK\$10,000 for organizing social and educational activities for the patients with inflammatory bowel disease.
- (194) From Boehringer Ingelheim (HK) Limited HK\$7,000 to support the adjunct tutors meeting organized by the Department of Community and Family Medicine in June 1997.
- (195) From Celki Medical Company HK\$40,000 to sponsor a staff member of the Department of Medicine and Therapeutics to attend the clinical polysomnography and sleep medicine course in California, USA, in May 1997.
- (196) From the following donors to support the Fight for Sight Charity Foundation of the Department of Ophthalmology and Visual Sciences:
 - a. Mr. Chan Ping-choy HK\$1,500;
 - b. Miss Fung Shui-lan HK\$200; and
 - c. Miss Lee Sau-yee, Sally HK\$500.
- (197) From Mr. Chang Mien HK\$1,000 to support the activities for patients with breast cancer organized by the Department of Clinical Oncology.
- (198) From Cheng Suen Man-shook Foundation:
 - to the Department of Anatomical and Cellular Pathology:
 - i. HK\$50,000 to support the Chinese pathologist fellowship programme;
 - ii. HK\$1,000,000 for setting up a clinic for research on traditional Chinese medicine; and
 - to the Faculty of Medicine HK\$150,000 to support the annual symposium of the Cancer Centre organized by the faculty in Hong Kong in March 1998.
- (199) From Fok Ying Tung Foundation Ltd. HK\$224,300 to support the Chinese pathologist fellowship programme undertaken by the Department of Anatomical and Cellular Pathology.
- (200) From The Children's Cancer Foundation HK\$130,000 to the Department of Paediatrics to sponsor the recruitment of a research assistant and the consumable purchases for the molecular diagnosis of childhood cancer project.
- (201) From Ms. Wailee Chow a further contribution of HK\$150,000 to support the Miyagawa Toshisuke Foundation for the improvement of the understanding of Japanese architecture at the Department of Architecture.
- (202) From Cochlear Limited HK\$2,350 to support the open forum on cochlear implantation for educators of the deaf organized by the Department of Surgery in Hong Kong in April 1997.

- (203) From CUHK Convocation HK\$260,000 to support the Burns Unit of the Department of Surgery.
- (204) From Donald Ko Charitable Bequest HK\$100,000 for unspecified purposes at the University's discretion.
- (205) From the following donors to support the medical education conference for mainland China, Taiwan and Hong Kong regions organized by the Faculty of Medicine in Hong Kong from July to August 1997:
 - Hongkong Telecom Foundation HK\$35,000;
 and
 - b. Vitality Communications Limited HK\$20,000.
- (206) From Hang Seng Bank Limited a contribution of HK\$1,597,559 to the University under the Affinity Card Programme from January to June 1997.
- (207) From Ms. Ho Mei-yee, Billie and Mr. Chan Kit-yu, Evan HK\$3,200 to support the *in-vitro* fertilization programme organized by the Department of Obstetrics and Gynaecology.
- (208) From Hoechst Marion Roussel China Ltd. HK\$40,000 to the Department of Obstetrics and Gynaecology for educational activities.
- (209) From The Hong Kong Cancer Fund (EORTC) HK\$750,000 to the Department of Anatomical and Cellular Pathology to support the project on cervical cancer screening.
- (210) From the following donors to support the Hong Kong dermatology and venereology symposium organized by the Department of Medicine and Therapeutics in September 1997:
 - Hong Kong Medical Supplies Ltd. HK\$10,000;
 and
 - b. Johnson & Johnson (HK) Ltd. HK\$10,000.
- (211) From Hong Kong Pei Hua Education Foundation Limited to the Department of Mathematics:
 - a. HK\$60,000 to support the workshop on wavelets and their applications in Hong Kong in May 1997; and
 - b. HK\$50,000 to support the international congress in algebras and combinatorics organized by Prof. Shum Kar-ping in Hong Kong in August 1997.
- (212) From International Centre for Theoretical Physics (ICTP) HK\$15,438 to support the international congress in algebras and combinatorics organized by Prof. Shum Kar-ping of the Department of Mathematics in Hong Kong in August 1997.
- (213) From K.C. Wong Education Foundation:
 - a. HK\$100,000 to support the international congress in algebras and combinatorics organized by Prof. Shum Kar-ping of the Department of Mathematics in Hong Kong in August 1997; and
 - HK\$15,000 to sponsor Prof. Wu Chi of the Department of Chemistry to visit Peking University and Nankai University in July 1997.
- (214) From Hong Kong United Arts Entertainment Co., Ltd. HK\$51,620 for purchasing and installation of

- coolers for a student hostel at Shaw College.
- (215) From Howmedica Pfizer Hospital Products Limited HK\$29,314 to sponsor a staff member of the Department of Orthopaedics and Traumatology to attend the Association Internationale pour L'ostéosynthèse Dynamique Trauma meeting in Strasbourg, France, in April 1997.
- (216) From Hui Yeung Shing Memorial Foundation Limited HK\$350,000 to support the China career development awards programme organized by the Office of Student Affairs in summer 1997.
- (217) From Kiangsu & Chekiang Residents (H.K.) Association HK\$16,000 for awarding an interestfree loan to a student with unforeseen financial difficulties in 1996–97.
- (218) From The Korea Foundation HK\$122,422.06 to support the course on Korea in northeast Asia organized by the International Asian Studies Programme.
- (219) From the following donors to support The Hong Kong Paediatric Bone Marrow Transplant Fund of the Department of Paediatrics:
 - a. Mr. Lai Chi-wai HK\$1,000;
 - b. Mr. Wong Chi-wai HK\$3,000; and
 - c. Miss Wong Sze-wan, Amy HK\$3,000.
- (220) From the following donors to support the annual scientific conference of the Hong Kong Institution of Science organized by the University in Hong Kong in September 1997:
 - a. Life Technologies (Pacific) Ltd. HK\$5,000;
 - b. Perkin Elmer Hong Kong Ltd. HK\$15,000;
 - c. Pharmacia Biotech (China) Ltd. HK\$5,000; and
 - d. Varitronix Ltd. HK\$5,000.
- (221) From Medironic International Ltd. HK\$22,000 to sponsor a staff member of the Department of Medicine and Therapeutics to attend the annual scientific meeting of the American College of Cardiology in Anaheim, USA, in March 1997.
- (222) From Mekim Limited HK\$45,000 to sponsor a staff member of the Department of Surgery to attend the international surgical week in Acapulco, Mexico, in August 1997.
- (223) From the following donors to sponsor staff member(s) of the Department of Medicine and Therapeutics to attend the congress of the International Diabetes Federation in Helsinki, Finland, in July 1997:
 - Novartis Pharmaceuticals (HK) Ltd. HK\$13,000;
 and
 - b. Swire Loxley Ltd. HK\$17,250.
- (224) From Olympus Optical Co. Ltd. HK\$21,000 to support the endoscopy training of the Department of Surgery.
- (225) From Oriental Press Charitable Fund Association to the Department of Surgery:
 - a. HK\$4,400 to support the skin bank; and
 - b. HK\$21,817 to support the Burns Foundation.
- (226) From Philips Hong Kong Ltd. HK\$19,758.77 to sponsor two staff members of the Department of

- Diagnostic Radiology and Organ Imaging to attend the scientific meeting and exhibition of the International Society for Magnetic Resonance Medicine in Vancouver, Canada, in April 1997.
- (227) From S.MEGGA Telecommunications Limited HK\$540,000 for establishing a Laboratory of Wireless Communication Electronics in the Department of Electronic Engineering.
- (228) From Schering Limited:
 - to the Department of Community and Family Medicine HK\$9,000 to support the seminar on common work related skin problem organized by the department in Hong Kong in June 1997;
 - b. to the Department of Obstetrics and Gynaecology HK\$30,537 to sponsor a staff member to attend the consensus meeting on menopause in the Far East Asian region in Geneva, Switzerland, in May 1997.
- (229) From Takeda IMC Chemical Ltd. HK\$56,130 to sponsor four staff members of the Department of Obstetrics and Gynaecology to attend the annual congress of the International Society for Gynaecologic Endoscopy in Singapore in April 1997.
- (230) From United Board for Christian Higher Education in Asia HK\$340,692 to provide four fellowships for scholars from United Board-related universities in China to visit the Faculty of Education and the Department of English of the University.
- (231) From Varian Pacific Incorporation to the Department of Clinical Oncology:
 - a. HK\$55,000 to sponsor a staff member to attend the international congress of radiation oncology in Beijing in June 1997; and
 - HK\$20,000 to support the symposium on 3-D conformal radiotherapy held in Hong Kong in December 1997.
- (232) From various donors HK\$36,792.08 for the publication of the *CUHK Alumni Magazine*.
- (233) From various donors HK\$280,616.88 for The Chinese University of Hong Kong Alumni Trail.
- (234) From various donors HK\$9,250 for The Chinese University of Hong Kong Alumni Fund.
- (235) From Dr. Wilson T.S. Wang HK\$1,554,031.70 to support the international surgical symposium organized by the Department of Surgery in Hong Kong and Shanghai in July 1996.
- (236) From Winsor Education Foundation HK\$100,000 for awarding a number of travel loans to students in 1996–97.
- (237) From Y.C. Woo & Co., Ltd. HK\$35,000 to sponsor a staff member of the Department of Surgery to attend the joint Euro-Asian congress of endoscopic surgery in Istanbul, Turkey, in June 1997.
- (238) From Li Po Chun Charitable Trust Fund Committee HK\$25,500 for awarding a postgraduate scholarship to a full-time postgraduate student in 1996–97.□



香港中文大學 The Chinese University of Hong Kong