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Number One 1987





Chinese University Bulletin

Number One 1987

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Cover: Aerial View of Shaw College

Advisory Committee on *Chinese University Bulletin*

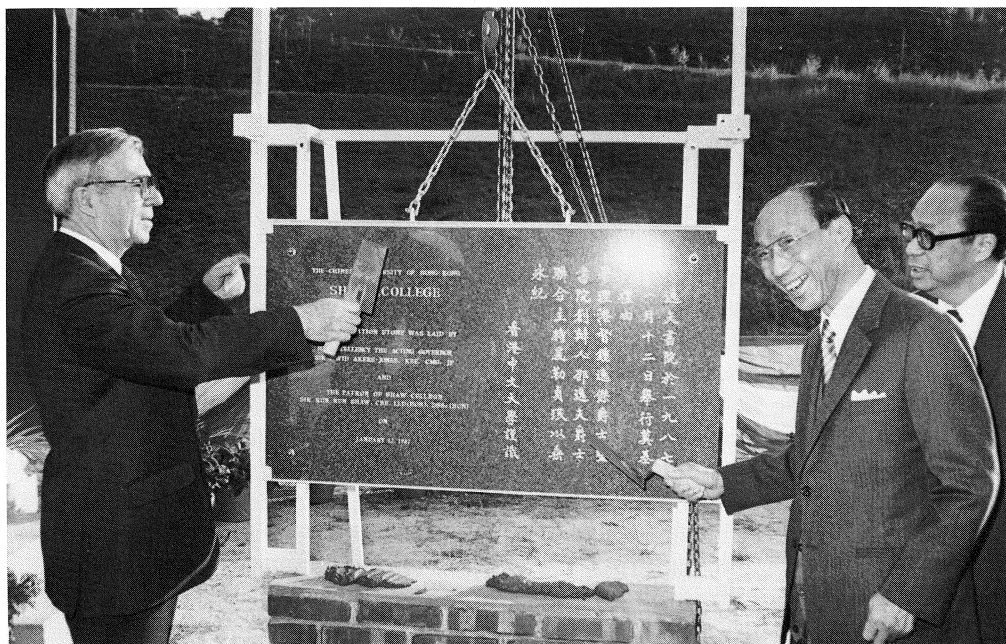
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Foundation Stone Laying Ceremony of Shaw College



The foundation stone of the fourth college of the University, Shaw College, was laid on 12th January by the Acting Governor and Chancellor of the University, Sir David Akers-Jones, and the Patron of the College, Sir Run Run Shaw. The ceremony marked a new milestone in the University's development and was attended by some 500 guests.

Shaw College has been named after its benefactor, Sir Run Run Shaw, who has made a donation of HK\$100 million to the University for the establishment of the College. The generous donation represents the largest single sum ever received by the University at any one time.

In making his address, Sir David remarked that donations from members of the community to improve Hong Kong's educational services not only represented a commendable civic-mindedness on the part of those who were contributing to the well-being of Hong Kong, but they also showed that the sense of importance which the Government attached to education was shared by the local community. 'Sir Run Run's very generous donations to charity in general, and to education projects in particular, set an example which I hope many others will emulate,' said Sir David.

Welcoming Address by Dr. Ma Lin

Your Excellency, Sir Run Run, ladies and gentlemen,

I'd like to welcome you all to Shaw College, The Chinese University of Hong Kong. Within eighteen

months and all being well, you will see erected on this site the tall buildings of the new College of the University — one which has been endowed by Sir Run Run Shaw and one which is named after him.

Among the many duties of the Vice-Chancellor, one of the more pleasant is to welcome distinguished visitors to the University on important occasions. I speak with some knowledge on the subject because through the years I have had the privilege of hosting such gatherings more times than I can remember.

Some occasions do stand out in the memory, however. May be it was a particularly balmy day, or a very distinguished group of men, or a very special event — the kind which marks a watershed in the University's development. I have to say that rarely would I find all three ingredients at one and the same function. But such good fortune is ours today as we gather for the foundation stone laying ceremony of Shaw College. This is truly an auspicious beginning.

On such a glorious day as this, I simply have to recount the chance conversation I had with Sir Run Run which led to the generous endowment, the largest in the University's history and the largest in the history of Hong Kong.

It all started eighteen months ago, on another fine sunny day in early June 1985 when Sir Run Run Shaw came and visited the University as a member of our Council and as my own guest. I had arranged for him a tour of the University and decided that I should accompany him. We stopped at a vantage point overlooking where we are sitting today — quite by accident,

I hasten to add, for I had no inkling of the events which were to follow. Sir Run Run saw these two platforms and asked me what they were intended for. I said they would be used for a fourth College when we had the resources to start one. That was all that I said. Sir Run Run, for his part, didn't say anything. He came; he saw; and he left. I bade him good-bye at the gate of the University.

A few days later and completely out of the blue, Sir Run Run called and said he would like to endow the University with a new College and asked if \$100 million would suffice. Thus started the happy chain of events which have led us to where we are today. Along the way, a number of prominent friends of the University also played important parts, and I would like to take this opportunity to thank all of them.

I would like to thank first of all Your Excellency for giving this whole project your blessing from the beginning. Next, I would like to thank the Hon. Michael Thomas who gave instructions that the drafting of The Chinese University of Hong Kong (Declaration of Shaw College) Bill 1986 be done as expeditiously as possible, and Mr. Leslie Sung, the University's Legal Adviser who dealt with the whole legislation as a matter of priority. I would also like to thank Dr. the Hon. S.L. Chen who had a speaking part in the proceedings in that it was he who moved the bill in the Legislative Council. Dr. the Hon. Q.W. Lee was privy to every detail of this major development in the University and gave very useful advice, as he has done on all occasions. I would like to thank him and the three other advisers of the Board of Trustees, Dr. T.K. Ann, Mr. H.J. Shen and Mr. Louis Page.

Above all I must thank the Patron of Shaw College, Sir Run Run Shaw, for such a grand gesture of generosity which is as far-sighted as it is meaningful. Successive generations of students will benefit from this magnanimous endowment.

Your Excellency, it is not everyday that the University has the pleasure of laying the foundation stone of a whole new college, so you will forgive me for being enthusiastic in my praise. On this wonderful occasion, we are most grateful to Your Excellency for honouring us with your gracious presence. Your benign and outstanding contribution to Hong Kong, not just to this University, is a matter of public record. The University is fortunate to have you as Chancellor during this very special period.

With these words I have the honour of inviting you to address us on this happy and auspicious occasion.

Speech by His Excellency the Acting Governor and Chancellor of the University Sir David Akers-Jones KBE CMG JP

Dr. Lee, Dr. Ma, Sir Run Run, ladies and gentlemen,

It gives me great pleasure to officiate today at the Foundation Stone Laying Ceremony of Shaw College.

The Shaw College will be the fourth college of The Chinese University. The establishment of this new College is not only symbolic of the expansion and growth of this University; it is also a tangible demonstration of the rapid pace of development of higher education in Hong Kong. Ten years ago, there were only two tertiary institutions providing 2,100 first year degree places for our students. Today, we have five institutions providing 4,200 places. By mid-1990s, this figure will be doubled again to 8,300.

In Hong Kong, people are valuable assets. For this reason, the Government has always given priority to education which accounts for the largest single share of the Government's Budget. With so much already allocated to education, it is difficult to increase this slice of the cake without adversely affecting other important areas of expenditure. For this reason, donations from members of the community to improve our education services are particularly welcome. They not only represent a commendable civic-mindedness on the part of those who are contributing to the well-being of Hong Kong, they also show that the importance which the Government attaches to education is shared by the local community. Sir Run Run's very generous donations to charity in general, and to education projects in particular, set an example which I hope many others will emulate.

Within a relatively short period of twenty-four years, The Chinese University has been able to build up for itself an international reputation. Each of the three Constituent Colleges has contributed its share to the University's rapid success, particularly in developing the cultural interest of the students and involving them in extracurricular activities. The University's reputation will be enhanced by the addition of this fourth member and I have no doubt that Shaw College will grow up healthy and strong like her three sister Colleges.

I would like to wish Shaw College every success. On behalf of the Government, the community and all beneficiaries, may I thank Sir Run Run once again for his very generous donation to this most worthwhile project.

Shaw College — the Fourth College

The University which was founded in 1963 with the three original Colleges as an institution of higher learning will soon have a fourth college.

Named Shaw College after its benefactor, the new College was made possible by the generosity of Sir Run Run Shaw, CBE, LLD, DSSc, Chairman of the Shaw Foundation Hong Kong Limited which has made a donation of \$100 million to the University for the purpose.

The College, soon to be under construction, will be open to students and staff in September 1988. An ordinance which gives legal effect to this new and very exciting development in the University was passed by the Legislative Council in July 1986 and became law on 1st August the same year. A Board of Trustees of Shaw College has accordingly come into being and, together with the Planning Committee for Shaw College appointed by the University Council, is charting the course of the College's development. The Planning Committee, in turn, is advised by Dr. the Hon. Q.W. Lee, Dr. T.K. Ann, Mr. H.J. Shen and Mr. Louis Page.

The importance of the Colleges in contributing

to a full and varied university education cannot be over emphasized. While the University has provided formal instruction to students, the Colleges have taken an active part in student-orientated teaching. They have been, moreover, instrumental in developing the students' cultural interests and involving them in extracurricular activities.

Over the years, the student population in the University has been growing steadily and today each of the three original Colleges has between 1,700 and 1,800 students. The University, therefore, has felt for some time the need for expanding College facilities in order to cope with the growing student numbers. In the normal course of events, this expansion would have taken many years, given the competition amongst worthwhile projects for scarce resources. The generosity of Sir Run Run Shaw has rendered all this unnecessary and has made possible the rapid development of the University.

In its general orientation Shaw College is expected to follow in the main the pattern which has been set by the three original Colleges. It will have an Assembly of Fellows and be responsible for



arranging the tutorials, personal counselling and student-orientated teaching of the students assigned to the College. But the new College will nevertheless have its own distinctive features. It will, for instance, admit research students as well as undergraduates, and some of these will be from overseas countries. There will be a bias in favour of science and technology, and computer facilities will be available to all students.

When the College opens its doors in 1988, it is expected to have 600 students. This number will grow progressively to a projected figure of 1,200. Of the first 600 students, 310 will be new entrants and 290 will be students transferred from the original Colleges.

The College Campus

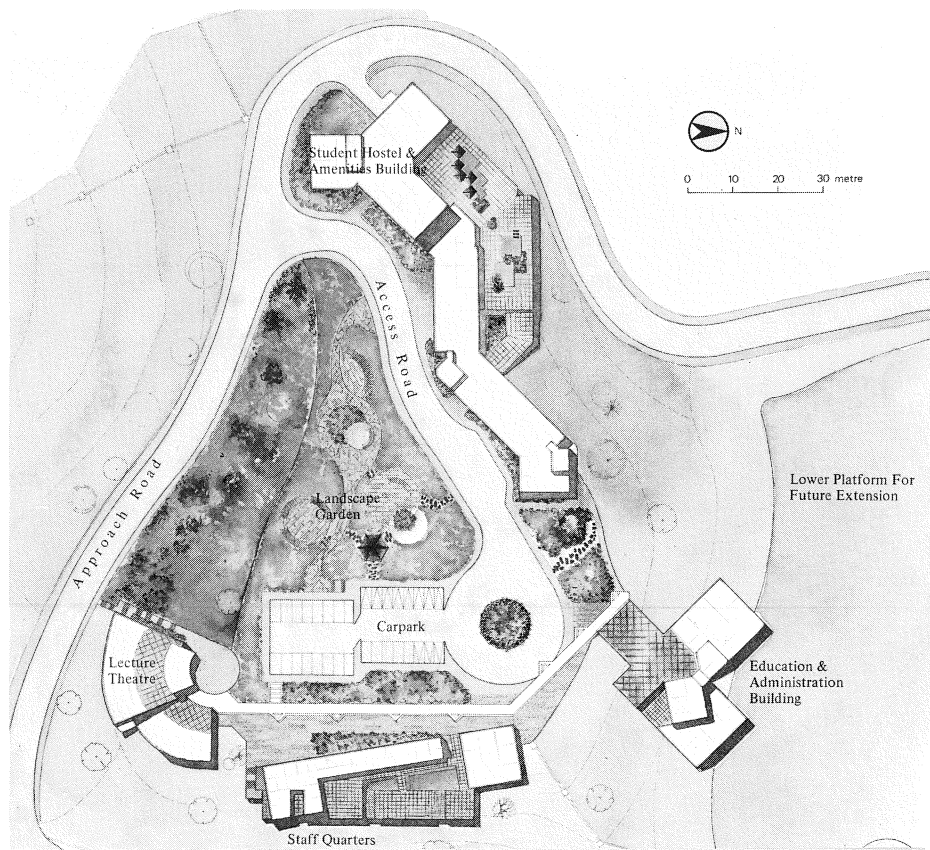
Situated at the north-western part of the University on a site with an available area of 4.5 hectares of land, the Shaw College campus overlooks the beautiful Tolo Harbour and the range of green hills beyond.

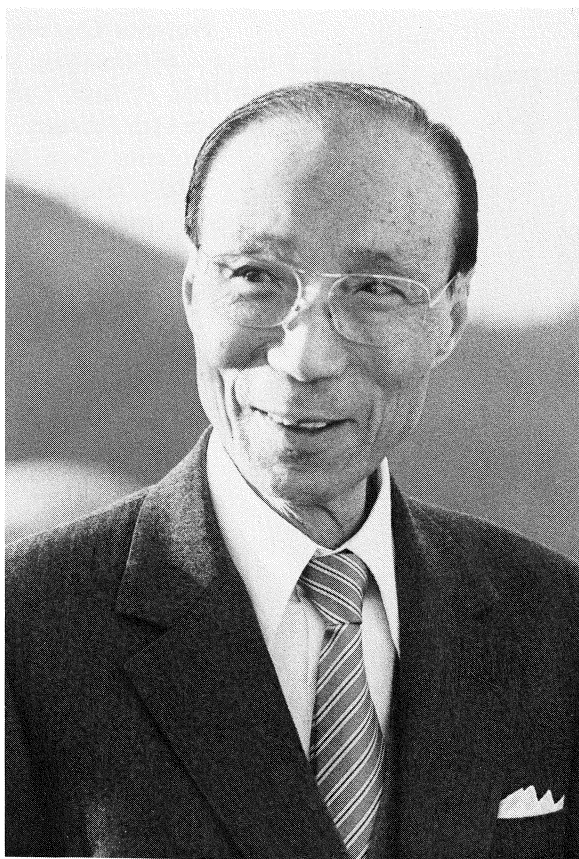
The building programme will be carried out in two phases. Phase one which includes such teaching and learning facilities as computer laboratories, reading rooms and seminar rooms is expected to be ready by mid-1988. The student hostel which is also part of the phase one programme will comprise a tall block of fourteen storeys and a low block of seven storeys. It will provide residential accommodation

for 600 students, mainly undergraduates though there will be rooms for postgraduate and foreign students. The blocks will also house various amenities and sports facilities including squash courts. Phase two of the building programme includes a large lecture theatre seating 500 people, some staff housing as well as the overall landscaping. These will be completed just before the College is due to open.

In its overall design, Shaw College takes the form of a reverse-V shaped development, with the high-rise wing of the student hostel situated at the south-western tip of the student amenities complex. The complex itself runs along the north-western edge of the upper platform and leads into the Education and Administration Building at the apex. This latter structure is built along the natural gradient of the upper platform as it descends into the platform below. It has five storeys and provides the link between the students on the one side and the low-rise staff residences on the other. These are lined along the edge of the upper platform in a south-easterly direction.

All the buildings in Shaw College have been designed with a number of basic considerations in mind. The planners want, for instance, the maximum amount of natural lighting and ventilation for the buildings. They also want a high degree of privacy for students and staff, and a general feeling of openness and spaciousness. All that, moreover, has to be achieved within the general guiding principles of optimum space utilization and basic economies.





The Patron of Shaw College

Sir Run Run Shaw, world renowned philanthropist and movie magnate, is the Patron of Shaw College. With his usual generosity and particular concern for the education of the young, he has now made possible the creation of a fourth college at the University.

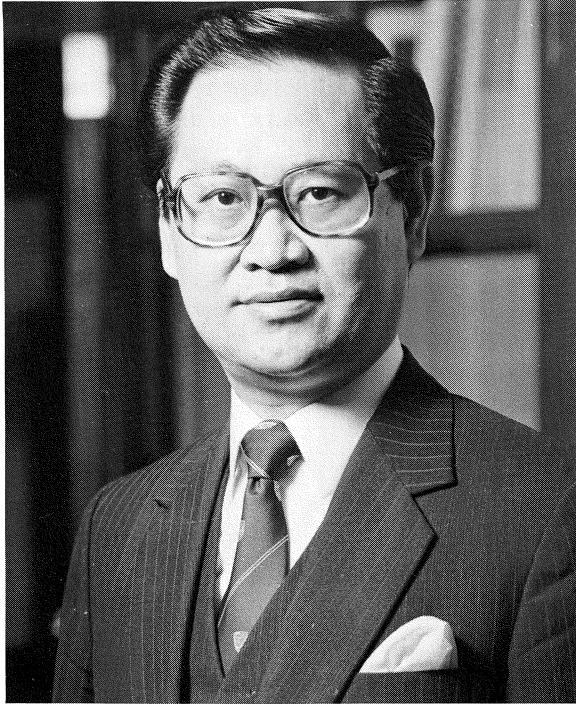
Sir Run Run is Chairman of two of Hong Kong's most successful public companies, Shaw Brothers (Hong Kong) Limited and HK-TVB Limited. His contribution to the entertainment industry is legendary, as is his generosity towards educational institutions and the arts in Hong Kong. Sir Run Run is the Chairman of the Hong Kong Arts Festival Society and Chairman of the Board of Governors of the Hong Kong Arts Centre. He is also the President of the Hong Kong Red Cross.

Sir Run Run's long association with the University began in 1967 when he became a member of the Board of Trustees of United College. In 1972 he was

elected Vice-Chairman and became Chairman four years ago. Since 1977, he has also been a member of the University Council. During this period, from 1967 to 1987, a span of some twenty years, he has made numerous donations to the University, notably the Sir Run Run Shaw Hall and an academic building to be erected at the side of the University Mall. In 1974, Sir Run Run was honoured by Her Majesty the Queen with the award of CBE and received a knighthood three years later. In 1980 and 1981, both universities in Hong Kong conferred upon him honorary degrees of Doctor of Law and Doctor of Social Science.

In endowing a new College in the University, Sir Run Run has made the largest single contribution to any educational institution in Hong Kong and will, by so doing, bring enormous benefits to many generations of students to come.

The University Council has named the new College after Sir Run Run and has invited him to be its Patron.



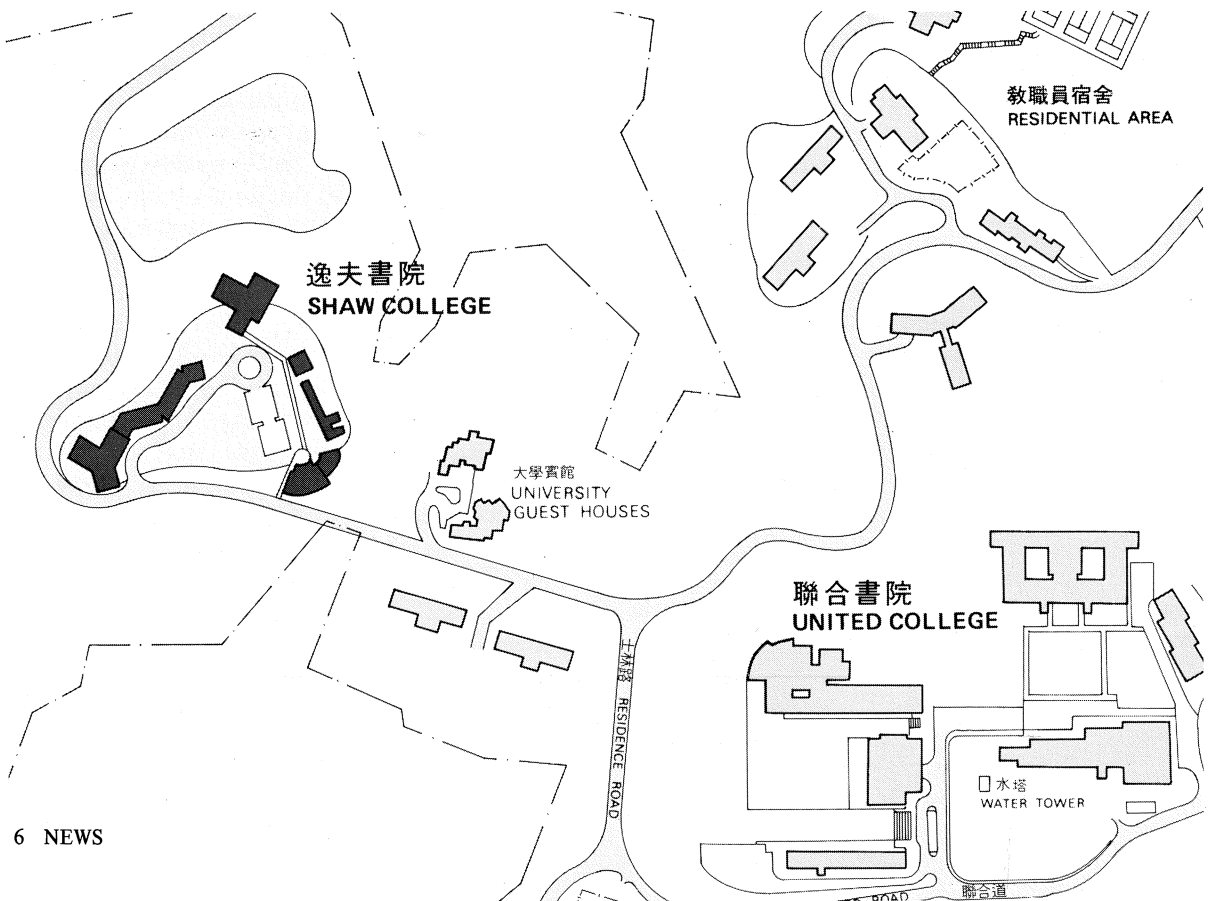
College Head

Professor Char-nie Chen, Professor of Psychiatry, was appointed by the University Council as the first Head of Shaw College for a term of four years effective 11th February, 1987.

Professor Chen, MB (National Taiwan University), MSc (London), FRCPsych, FRANZCP, DPM, had been a senior academic and Honorary Consultant Psychiatrist in St. George's Hospital, University of London for many years before he joined this University in 1981 as Professor and Chairman of the Department of Psychiatry. He is also Director of the Psychiatric Epidemiology Research Unit in the University.

Professor Chen has been active in University affairs and in promoting the welfare of students and staff. He is past Council Chairman of the University's Teachers' Association, Chairman of the Committee on Psychological Counselling Service and Member of the Senate Committee on Staff-Student Relations. He has served on the Board of Trustees of New Asia College since 1984 and chaired a number of the College's administrative committees. He has acted as Head of New Asia College many times.

Professor Chen is also past President of the Hong Kong Psychiatric Association and Hong Kong Society of Neurosciences, Executive Chairman of the Mental Health Association of Hong Kong, and Honorary Consultant Psychiatrist of the Hong Kong Association for the Mentally Handicapped.



Naming of the Sir Philip Haddon-Cave Sports Field



(From left) Dr. Ma Lin, Mr. & Mrs. Francis Haddon-Cave, Dr. Q.W. Lee, and a student representative

The University Sports Field, newly surfaced with an all-weather track, has been renamed the 'Sir Philip Haddon-Cave Sports Field' as a tribute to Hong Kong's former Chief Secretary, Sir Philip Haddon-Cave, for his more than two decades of distinguished public service since 1962.

At a brief ceremony held on 15th January, Mr. Francis Haddon-Cave, son of Sir Philip, unveiled the commemorative plaque for the sports field. Among the seventy guests attending the ceremony were donors of the Sir Philip Haddon-Cave Fund, which was set up at the University on Sir Philip's retirement in 1985. They were all well-wishing individuals and corporations who wished to show their respect and admiration for an outstanding man for his most dedicated service to Hong Kong.

The principal of the Fund, exceeding HK\$2.6 million, is being endowed and the income derived will be used for research purposes. Part of it will be for studies in geriatric medicine, in compliance with Sir Philip's wish.

Address by Dr. Ma Lin

Mr. Haddon-Cave, Dr. Lee, ladies and gentlemen,

In the seventies and early eighties, Hong Kong sailed through a period of economic turbulences, but has emerged as a centre of finance, industry and

commerce, to the wonder of the world. Sir Philip Haddon-Cave, as Financial Secretary from 1971-81, and Chief Secretary from 1981-85, played a decisive role in this important stage of development in Hong Kong. Himself a creative economist, he steered Hong Kong's economy with skill and foresight. It was with him at the wand, and combining the efforts of an efficient government and an industrious people that contributed to making Hong Kong a success story.

On Sir Philip's retirement in 1985, his friends felt that something should be done to commemorate his distinguished service to Hong Kong and to show their respect and admiration for an outstanding man. They decided that the Sir Philip Haddon-Cave Fund for research should be established at The Chinese University of Hong Kong and together they contributed a total of \$2.63 million. On behalf of the University, I offer to all donors to the fund our sincere gratitude for their generous support.

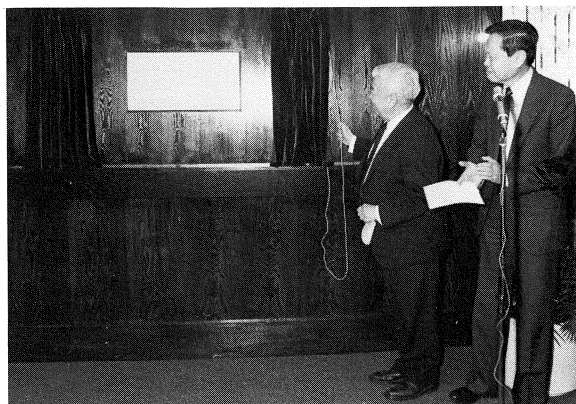
As a tribute to Sir Philip, and with his kind consent, we are naming the University Sports Field after him. This Sports Field has been completely renovated and with an all-weather track, is now one of the best of its kind in the territory. It is our honour and great pleasure that Mr. Francis Haddon-Cave, Sir Philip's son, has today come to unveil the commemorative plaque. I want also to thank our guests most warmly for your presence on this happy occasion.

Opening of the Chen Ning Yang Reading Room

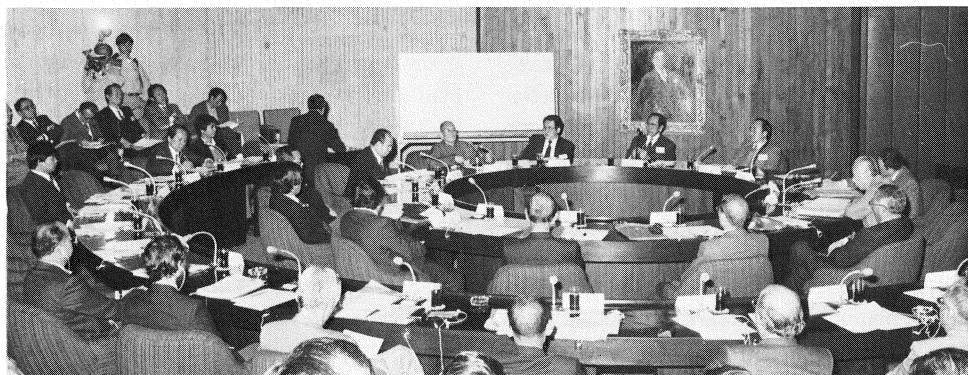
The Chen Ning Yang Reading Room at the University Science Centre was formally opened on 9th January by Professor Ta-you Wu, President of the Academia Sinica, who made a special trip here from Taiwan for the occasion.

In 1986, Messrs. Chi-Ming Cha and Yong-ling Liu generously donated HK\$1.2 million to the University as a tribute to Professor Chen Ning Yang, Nobel Laureate in Physics and presently Distinguished Professor-at-Large of the University, for his outstanding contribution to the natural sciences and to education. The donation was used to convert the 84-sq.m. staff common room in the Science Centre into a reading room to be named after Professor Chen Ning Yang, and to purchase books and journals in Physics.

President Ta-you Wu was Professor Yang's Physics teacher at National Southwest Associate University in China in the late thirties.



The Ninth International Conference on the T'oegye School of Neo-Confucianism



The Ninth International Conference on the T'oegye School of Neo-Confucianism, co-sponsored by the Departments of Philosophy and Chinese Language & Literature, and T'oegye Study Institute, Seoul, Korea, was held on 25th and 26th January, 1987 at the University. About one hundred and twenty scholars from mainland China, Taiwan, Korea, Japan, Germany, the United States and Hong Kong attended the conference, among them were Dr. Choong-Sik Chang, Chairman of International T'oegye Society and President of Dankook University, Mr. Dong-Choon Lee, Chairman of Board of Directors of International T'oegye Society.

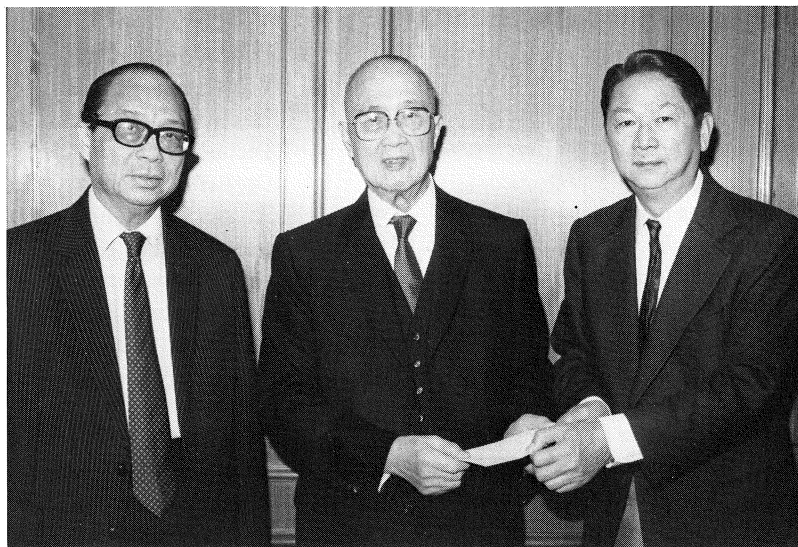
The Vice-Chancellor of the University, Dr. Ma Lin, officiated at the opening ceremony, at which Professor Mou Tsung-san of the National Taiwan Normal University and Dr. Choong-Sik Chang delivered

their addresses. The two-day conference was conducted in ten sessions and over forty papers were presented.

Yi T'oegye (1501-1570) is the best known Korean philosopher. His philosophy was greatly influenced by the Chinese thinker Chu Hsi (1120-1200) and in turn had a great impact on Japan. As a transmitter of Chinese philosophy to Japan, T'oegye's importance transcends his nationality.

The theme of this conference was 'Regional Development and Comparison of Neo-Confucianism in East Asia: Modern Significance of the Philosophy Established by T'oegye'. The Vice-Chancellor stated in his opening address that holding this conference at a time when the progress in material civilization overshadows men's spiritual development has special significance.

Donation for a New Academic Building



A donation of HK\$8 million from Mr. Leung Kau Kui, an eminent figure in local banking and business, has recently been received by the University for the construction of a new academic building.

Mr. Leung, Executive Vice-Chairman of Dah Chong Hong, Ltd., Director of Hang Seng Bank Ltd., and Director of the Miramar Hotel and Investment Co. Ltd., is widely known for his continuous support to meaningful projects in social welfare, education and medical services over the past decades. He has supported the setting up of numerous primary and secondary schools, health clinics and homes for the aged in Hong Kong. He has also made big donations to the University of Hong Kong for a new

building, to be named the K.K. Leung Building, and for its library fund. Mr. Leung's benefactions, however, are not confined to Hong Kong. He has donated to various educational institutions overseas and in the Chinese mainland, such as St. Hugh's College, Oxford University, and the Zhongshan University, Guangzhou. In his native district Shunde *Xian* he has made generous donations towards a county hall, a hospital, a secondary school, a primary school, a library and a number of silkworm nurseries.

The new academic building, with an area of 4,000 sq.m., will provide additional teaching facilities on the central campus to cope with further development of this University.

News in Brief

UPGC News

* The University and Polytechnic Grants Committee (UPGC) met in Hong Kong in January 1987 and conducted the triennial estimates visits to the five subvented institutions.

The Committee made a full-day visit to the University on 7th January and held discussion sessions with members of the various Faculties, School of Education and administrative and support units on proposed developments in the 1988-91 triennium.

* Professor Philip A. Kuhn, Professor of History at Harvard University, has been appointed a member

of the UPGC for a period of five years with effect from 1st November, 1986.

* Miss Jacqueline P. Leong, a barrister, has been appointed a member of the UPGC for a period of three years with effect from 1st January, 1987. Miss Leong is to replace Mr. Andrew Li who has retired from the Committee membership at the end of 1986.

* Mr. Simon Yau has become Assistant Secretary of the UPGC since 2nd February, 1987, taking over the duties of Mr. Colin Phipps which include the processing of all institutional capital programmes and equipment requests.

New MPhil Programme

The senate has approved a proposal to establish in the academic year 1987-88 a Master of Philosophy programme in Anthropology.

New Member of Distinctive Marks and Ceremonial Dress Committee

Professor G.H. Choa has been appointed by the Vice-Chancellor to be a member of the Distinctive Marks and Ceremonial Dress Committee with effect from 1st February, 1987. Professor Choa is to replace Dr. Ellen Li, who has retired from the Committee in July 1986 after over twenty-three years of service.

Honorary Adviser of the Institute of Chinese Studies

Professor Yu Ying-shih has been appointed Honorary Adviser of the Institute of Chinese Studies from 21st January, 1987 to 20th January, 1990.

University Members Serve on Outside Committees

(1) Professor Char-nie Chen, Professor of Psychiatry, has been reappointed by His Excellency the Acting Governor as a member of the Council of the Baptist College for a term of three years effective 1st January, 1987.

(2) The following members represent the University on the various Training Boards/General Committees of the Vocational Training Council for a term of two years effective 1st April, 1987:

- Mr. Elton K.K. Cheung, Lecturer in Accounting and Finance, on Accountancy Training Board.
- Dr. Lawrence S.T. Tai, Lecturer in Accounting and Finance, on Banking Training Board.
- Dr. Chan Chack-kuen, Lecturer in Electronics, on Electronics Industry Training Board.
- Dr. Leonard L. Chu, Senior Lecturer in Journalism and Communication, on Journalism Training Board.
- Professor Mun Kin-chok, Professor of Marketing and International Business, on Wholesale/Retail and Import/Export Trades Training Board.
- Dr. Hung Hing-sum, Reader in Computer Science, on Committee on Electronic Data Processing Training.
- Professor Leonard Minkes, Visiting Professor of General Business Management and Personnel Management, on Committee on Management and Supervisory Training.

- Dr. Kelvin Chan, Senior Lecturer in Pharmacology, on Committee on Technical Education.
- Dr. Chung Po-shuen, Senior Lecturer in Electronics, on Committee on Training of Technologists.
- Dr. Ho Hin-hung, Senior Lecturer in Physics, on Committee on Translation.

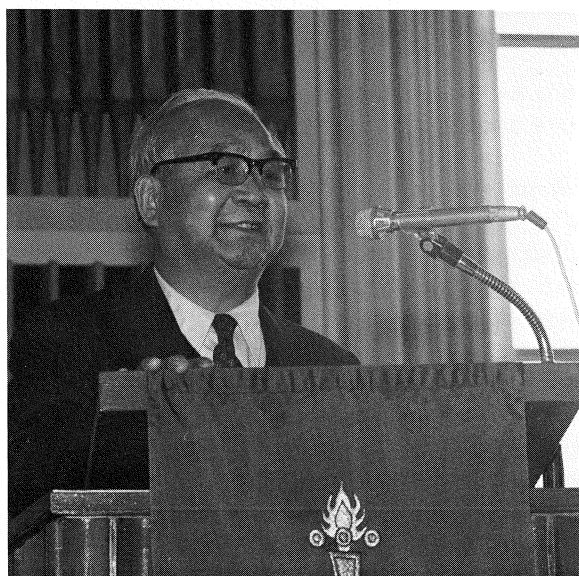
(3) Professor David M. Davies, Professor of Clinical Pharmacology, represents the University on the Pharmacy and Poisons Board of Hong Kong for a term of three years with effect from 1st December, 1986.

College Visiting Scholars

* Three New Asia College Ming Yu Visiting Scholars visited the College in January: Professor David Clarke, Professor of Philosophy, Southern Illinois University at Carbondale, USA, visited the College from 11th to 15th January; Professor Kailin Tuan, Professor of Insurance and International Business, School of Business Administration of Temple University in Philadelphia, USA, from 14th to 18th January; and Professor Fei Xiao-tong, Professor of Peking University and Central Institute for Minority Nationalities, from 20th to 21st January.

Professor Lu Yanshao, Zhejiang Academy of Fine Arts in China visited New Asia College as its S.Y. Chung Visiting Scholar from 4th January for a month.

* Mr. Xiao Qian, a famous Chinese writer, visited Chung Chi College from 2nd to 17th January as its 1986-87 Siu Lien Ling Wong Visiting Fellow.



Mr. Xiao Qian delivering a lecture at Chung Chi College

Department of Electronics

Introduction

The Department of Electronics was established in 1970 with its own major programme. The first Chairman of the Department was Professor Charles K. Kao, the world authority in optical fibre communication. From its modest beginning with a staff of two and a student intake of fifteen, the Department has grown to a staff of fourteen and a half and an annual student intake of over sixty. Since 1974, the BSc in Electronics of this University has been accepted by the Institution of Electrical Engineers (IEE) as having fully fulfilled the Institution's educational requirements. Postgraduate programmes leading to the degrees of MSc, MPhil and PhD were introduced in 1972, 1973 and 1980 respectively.

In 1975, this University became the first tertiary institution in Hong Kong to introduce a five-year Work-Study Programme in electronics. The course requirements of the Work-Study Programme are identical with those of the four-year programme, but the students on the Work-Study Programme spend about fifteen months in industry before graduation. The main feature of the programme is that the industrial training is part and parcel of the programme and is accepted by the IEE in partial fulfilment of the training requirement for Corporate Membership.

Objective and Philosophy of the Programme

The objective of the honours course in Electronics (the BSc course) is three-fold:

- (a) to give its students a broader understanding of the cultural, social and technological processes through a programme of general education offered by the University and the Colleges;
- (b) to provide students with fundamental, scientific and technical knowledge in electronics and electronics-related technologies, to develop their abilities for independent and creative thinking in applying scientific and engineering principles to solve practical problems of engineering systems and processes, and to help them

- develop sufficient professional skills and attitudes required of the professional engineer; and
- (c) to prepare students for postgraduate studies if they so desire after graduation.

To keep pace with the rapid development in electronics and to meet the demand of the local industry for knowledgeable and competent electronics graduates, the Department has been continually updating and revising its undergraduate syllabus. The revision covers both the theoretical and practical aspects of Electronic Engineering, with special emphasis on engineering and computer-related applications. The Department realizes that with the ever increasing innovation in electronics and electronics-related disciplines, more Electronic Engineering topics and related subjects of current interests must be incorporated into the core programme. After the general University curriculum review, a new curriculum was introduced in 1986. Under the old curriculum (present second to fourth year students are still under this curriculum), Electronics major students are required to minor in any one or two subjects. Under the new curriculum, the minor requirement becomes optional, but the major programme is further strengthened. There will be three streams in the new Electronics major programme, viz. (1) General Electronics, (2) Special Electronics, and (3) Special Electronics – Work-Study. Students electing the five-year Work-Study Programme have to undertake fifteen months of industrial training in the local industry under the guidance of a training tutor who must be a chartered engineer.

Teaching and Research Facilities

There are three undergraduate teaching laboratories (for first to third year students) for basic training in measurements and experimental techniques. Most of the experiments are of an open-ended type, and many have incorporated in them an element of computer-aided design or require the application of the personal computer. In the fourth year, students

working on their individual projects normally have their experimental set-ups in either the Project Laboratory or the appropriate research laboratories.

In the past few years, the Department has been relying heavily on personal computers and other micro-computers (20 IBM PCs or compatibles and a DEC MicroVax 1) for teaching and research. Recently, the new Computing Laboratory of the Department has become fully functional and comprises a super-minicomputer with sixteen graphics terminals and eighteen additional IBM PCs. The undergraduate courses which will be using these facilities include computer graphics, CAD, engineering drawing, PCB design, image processing, circuit simulation, system analysis and VLSI design.

Individual research laboratories in the Department are essential in supporting teaching and in providing research and development projects for fourth year and postgraduate students. They are the Semiconductor Laboratory, Biomedical Engineering Laboratory, Computer Vision Laboratory, Signal Processing Laboratory, and Optical and Microwave Laboratory. To offer teaching and to carry out active research at the forefront of technology, the Department has been and will be sparing no effort in attracting University and outside funds to equip these laboratories to the best possible standard.

Research Activities

Members of the teaching staff are actively carrying out research in the following five major areas of electronics:

- Solid-state Electronics: ion beam mixing and recoil implantation; buried nitride; ion-implanted silicon devices; VLSI design and fabrication; computer modelling of impurity profiles; solar cells.
- Computer Vision and Digital Hardware: micro-processor applications; 3D pattern recognition; automatic inspection techniques; video and data compression methods.
- Computer Architecture: pipelining and multi-processing; signed-digit number system; hypercube connectivity.
- Communications: Computer communication networking; satellite communication protocols; multihop packet radio networks; optical fibre technology; integrated optical devices; fibre sensors; speech recognition; signal processing; adaptive recursive filters; cellular radio; system and control theory; fast Hartley Transform.
- Biomedical Engineering: Impedance pneumography; hypertrophic scar; ECG encoding;

Pedobarography; measurement in physical activities; electric bio-impedance.

The Electronics Society

The Electronics Society is a student body organizing for Electronics students social, academic and intellectual functions. Since 1974, the Society has been publishing annually its technical magazine *Resonance*. It often attracts contributions from authors of high calibre as well as overseas former Electronics graduates working on advanced topics of current interest. In addition, the Society conducts computer courses during the summer vacation for the general public to promote computer literacy. These courses usually last for four to six weeks and are given by senior students with the advice of the staff.

Career of Graduates

Employment opportunities for graduates of the Department have been good. Many of the graduates were able to re-join the companies in which they have undergone their Work-Study or summer vacation training. Tables 1 and 2 provide information on the employment pattern of first-degree graduates of the Department from 1982-1985.

Cooperation with the Local Industry

For many years, the Department has maintained a close relationship with the local industry through its Work-Study Programme, students summer vacation training, and in particular, the Advisory Committee on Electronics and the Electronics Consultancy Unit.

The Advisory Committee on Electronics, which is made up of prominent industrialists from local electronics and electrical engineering companies, and representatives from organizations such as the Hong Kong Institution of Engineers and the Government Vocational Training Council, regularly reviews the Undergraduate Programme to ensure that it meets the need of the local industry.

The Electronics Consultancy Unit was formed in the academic year 1984-85. It aims at providing research and development services to local industries and the academic community. Extensive contacts have been made with local industries for the promotion of the Unit. A number of projects have been completed or are in progress, and a few are at an advanced stage of negotiation.

Future Development

One of the major growth areas closely associated with electronics is information technology (IT). The local community will soon be experiencing a tremendous increase in the applications of information tech-

Table 1: Destinations of First-degree Graduates in Electronics, 1982-1985

Destination	No. of Graduates (%)			
	1982	1983	1984	1985
Government	—	1(2.1)	—	1(2.9)
Education	1(2.9)	3(6.3)	—	1(2.9)
Commerce & Industry	22(62.8)	34(70.8)	37(80.4)	29(82.8)
Public Utilities	11(31.4)	10(20.8)	9(19.6)	4(11.4)
Social Service Organizations	1(2.9)	—	—	—
Sub-total (In Employment)	35(100)	48(100)	46(100)	35(100)
Further Studies	5	4	3	4
Others	1	—	—	1
Information not available	8	—	3	5
Total	49	52	52	45

Table 2: Distribution of First-degree Graduates in Electronics by Career Field, 1982-1985

Career Field	No. of Graduates (%)			
	1982	1983	1984	1985
Computer/Data Processing	9(25.7)	5(10.4)	5(10.9)	4(11.4)
Electronic Engineering	24(68.5)	41(85.4)	38(82.6)	27(77.2)
Marketing	1(2.9)	—	3(6.5)	4(11.4)
Teaching: Secondary	1(2.9)	1(2.1)	—	—
Teaching: Others	—	1(2.1)	—	—
Total	35(100)	48(100)	46(100)	35(100)

nology such as new imaging techniques, high capacity information storage systems, video phones, etc. It is therefore timely that the Department is meeting the challenge by incorporating additional new courses of IT-related topics. The objectives in the future will be to strengthen teaching and research in this area to give all possible support to the new Electronics Major Programme of Studies.

Another important area being emphasized is in computer-aided design, manufacturing and education.

The facilities offered by the new Computing Laboratory of the Department will enable students to do more CAD-related exercises through experiments and projects and will greatly enhance research in general.

The University is now at an advanced stage of planning for the establishment of an Engineering Faculty. The present philosophy is to follow an integrative approach, such that all students will follow a core programme consisting of electronics, computing, basic science, business administration, general educa-



Professor Yat-wah Lam

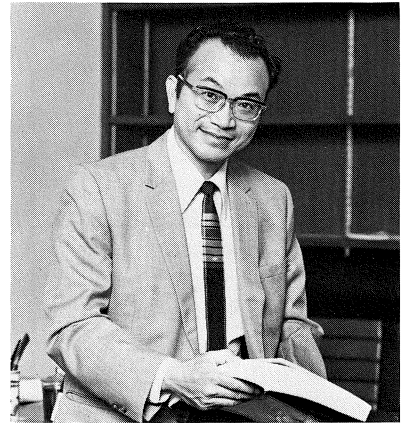
tion and languages. In the upper years students will branch off to various specialized areas. The Department is looking forward to participating in this new establishment and will offer its full cooperation and support for the good of the whole University and the benefits of the local industry at large.

Professor Yat-wah Lam

Chairman, Department of Electronics

Professor Yat-wah Lam graduated from the Hong Kong Technical College in 1950. After spending a few years in the local service industry, he left for England for further experience, becoming a Chartered Engineer in 1961. While in full-time employment in England, Professor Lam engaged in part-time studies and gained his BSc in Physics from London University in 1962, MSc in Electrical Engineering from Birmingham University in 1965, and PhD in Electronics from Manchester University in 1971. From 1965 to 1969 Professor Lam was Lecturer in Electrical Engineering at Birmingham University, and from 1969 to 1971 he was the Mullard Research Fellow at the University of Manchester Institute of Science and Technology. In 1971 Professor Lam returned to Hong Kong to join this University as Lecturer in Electronics, and from 1974 to 1977 he was Head of the Electronics Department. He was the Dean of the Faculty of Science from 1982 to 1985, was appointed to the Chair of Electronics and reappointed Head of the Electronics Department in 1984. Professor Lam has been a member of the University Council since 1977 and is currently Chairman of the Science Centre Management Committee.

Professor Lam is a Fellow of the Institution of Electrical Engineers and of the Institute of Physics of the United Kingdom. His research interest and publications are in the areas of VLSI technology, Schottky, MIS and shallow-junction devices, insulator-semiconductor interface properties and MINP solar cells.



Professor Chen Tien-chi

Professor Chen Tien-chi

Professor of Electronics and Computer Science

Professor Chen Tien-chi was born in Hong Kong and studied Chemical Engineering at the National Sun Yat-sen University in Canton from 1945 to 1947. He then went to the United States where he obtained the degrees of ScB in Chemistry from Brown University, and MA (Chemistry) and PhD (Physics) from Duke University.

In 1956, Professor Chen joined the IBM Corporation in the United States and served as Manager and Research Scientist, specializing in computer research, development and application. He also engaged in part-time teaching in Applied Mathematics, Electrical Engineering and Computer Science at various American universities, including Stanford University and the University of California, Berkeley. Professor Chen joined The Chinese University as Visiting Professor in 1979, and was appointed Professor of Electronics and Computer Science and Acting Head of United College in 1980. He was elected Head of United College in 1981.

Professor Chen has published over fifty articles, which cover his research interests in computer architecture, hardware-firmware algorithms, optimal programming, magnetic bubble logic, numerical analysis, Chinese Language Processing and computational quantum chemistry. He is also the owner of thirteen patents, with three more pending.

In academic circles, Professor Chen plays an active part. He is Fellow of the Institute of Electrical and Electronics Engineers (IEEE) of America, and has served as IEEE Computer Society Distinguished Visitor (National Lecturer) and Associate Editor of the IEEE *Transactions on Computers*. At present, he is Honorary Adviser, IEEE, Hong Kong and Chairman of its Computer Chapter. He is also President of the Chinese Language Computer Society. In 1984 he received the IEEE Centennial Medal.

Department of Computer Science

Before the establishment of the Department of Computer Science at United College in 1973-74, the University had been offering computer courses on electronic data processing, systems analysis, and programming since 1968. The Department, set up to meet the society's increasing need for trained computer personnel, was the first of its kind in the local tertiary educational institutions.

In the first five years, only a minor programme was offered. Students were required to take the core courses in the first two years and select in the third and fourth years, courses in one of the three specializations — Pure Computer Science, Information Systems and Numerical Methods. The major programme was introduced in 1978 and the curriculum was carefully planned after consulting other Commonwealth universities, the Curriculum Recommendations of the Association for Computer Machinery, and the external examiners. In 1984, the curriculum was revised in the light of the curricular recommendations of several computer professional bodies, such as the British Computer Society, the Association for Computing Machinery and the Institute of Electrical and Electronics Engineers (IEEE). Apart from the major and minor programmes, the Department also offers service courses at the first- and second-year level. At the postgraduate level, an MPhil programme in Computer Science was introduced in 1982.

In the academic year 1985-86, the student enrolment of the Department was as follows:

MPhil programme: 7

Undergraduate programme:

Major: 198

Minor: 413

Elective: 1200

Professional Recognition

In November 1983, the British Computer Society granted exemption from both Part I and II of the Society Examination to Computer Science majors who have graduated with a BSc degree with honours and at least grade C in the final-year project. Graduates with pass degrees are given exemption only from Part I. This accreditation enables eligible gradu-

ates who have been exempted from the Society Examination to become Associate Members of the Society (AMBCS) after having at least one-year practical experience in the use and application of computers. This university is the first institution outside the United Kingdom ever to be accredited by the Society.

In March 1985, the British Computer Society further decided to give exemption from Part I of the Society Examination to graduates who have minored in Computer Science and passed a number of selected Computer Science courses and have successfully completed at least fifty hours of relevant programming projects.

Equipment Installation

Three laboratories have been established since 1978 in the Department of Computer Science for teaching and research purposes:

(1) The Computing Laboratory

A VAX-11/780 system with 4.0 MB main storage, 640 MB disk storage was installed in 1982. The operating system in use is VMS with PASCAL, FORTRAN, COBOL, PL/I, BLISS, BASIC, SPITBOL, LISP, Micro-concurrent PASCAL, ADA compilers, DBMS package and Decnet.

A VAX-11/730 system with 2.0 MB main storage, 130 MB disk storage was installed in 1985. The operating system is VMS with Decnet.

(2) The Microprocessor and Micro-computer Laboratory

A Zilog Z-8000 system with 512 KB main storage, forty-four MB disk storage was installed in 1982. The operating system in use is ZEUS (UNIX). In addition, there are micro-computer systems: nine INTEL 86/310 systems, Seiko 9500, Exormac 68000, Mostek Z-80, Exorset 6809, and Exorcisor 6800. These systems are used for graphics, microprocessor, computer architecture courses and research work.

(3) The Digital and Logic System Laboratory

It is equipped with the basic measuring instrument patch boards and various integrated circuit boards.

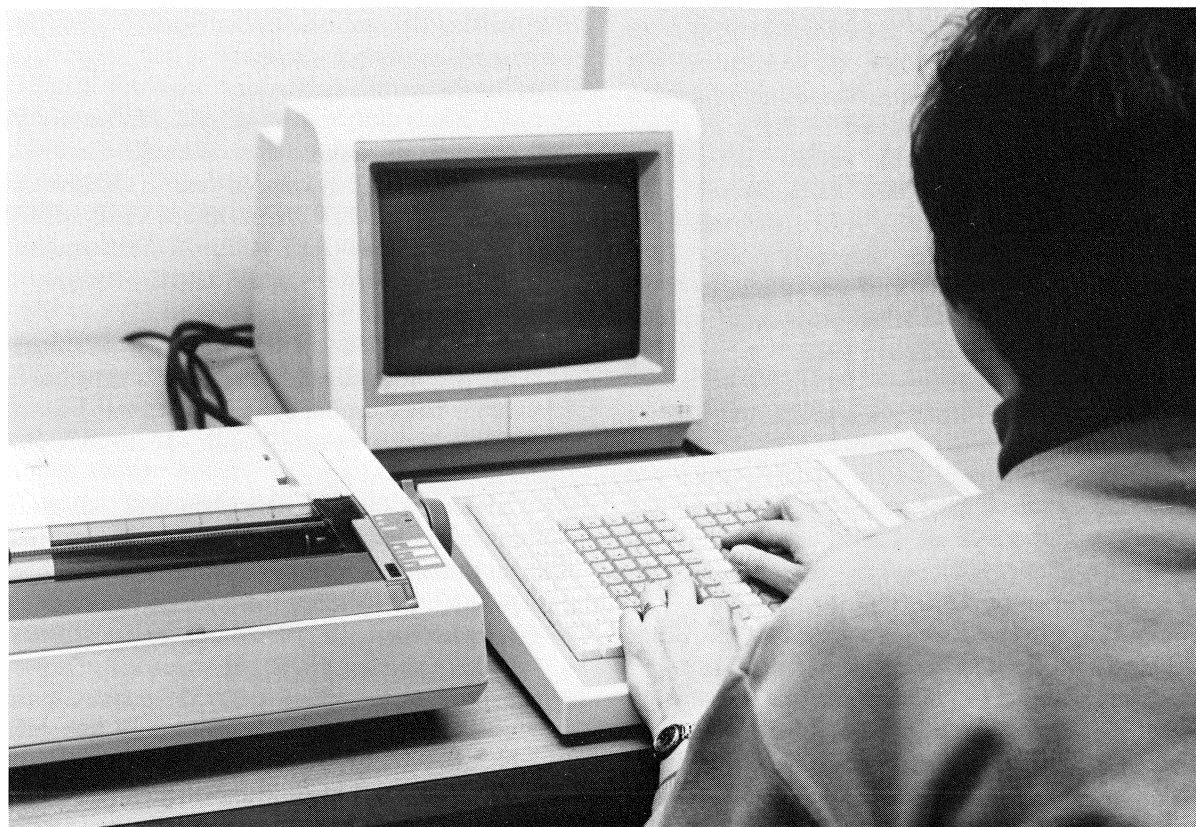
Research Activities

Machine Translation (MT) research at this University was initiated by Professor Loh Shiu-Chang in late 1969 to study the possibility of automatic translation from Chinese into English by computer techniques. The preliminary survey, after studying the sentence structures and linguistic complexity of the Chinese scientific texts, particularly mathematics, both syntactically and semantically, indicated clearly that mathematics being an exact science, was relatively easy to tackle, and Fully Automatic High-Quality Translation (FAHQT) was extremely difficult, if not impossible, to achieve, but some practical machine translation system involving the collaboration between man and machine would be feasible.

In September 1971, the Machine Translation Project was formally established with a grant from The Asia Foundation. The aim of the project was the collection and study of the linguistic data of both the Chinese source and the English target languages, particularly in the field of mathematics. Mathematical texts from the *Acta Mathematica Sinica* were translated into readable and grammatically correct English.

The first machine translation system, CULT (Chinese University Language Translator) was designed and tested in October 1972. In subsequent years, many improvement and modifications were made to the system. As a result, CULT has become more refined in structure and efficient in operation.

On 1st April, 1978, the Hung On-To Memorial Fund denoted a sum of HK\$500,000 in support of the Machine Translation research, and the Hung On-To Research Centre for Machine Translation was established. A PDP 11/34 computer system was installed for research purposes. On 8th December, 1978, the Loh's Keyboard for inputting ideographic characters was invented. With this keyboard, it was possible to use the latest computer and laser beam techniques to typeset Chinese characters. This technological breakthrough to put Chinese typesetting on an equal footing with the west was a success. It could handle Japanese characters also. The ingenious use of Loh's Keyboard, the computer and the laser technology heralded a new era for ideographical type of publishing.



Chinese Information Processing System

In 1980-81, Professor Loh initiated and conducted a Chinese Information Processing Project. The objectives were to design the hardware and software for storing, retrieving and processing information in Chinese. Since 1982, research work has focused on the design of Chinese Data Base System.

Members of the Department also conducted other research projects: Computer Architecture, Magnetic Bubble Logic, Optimum Programming, Numerical Methods, Chinese Input/Output, Algorithm Design and Analysis, Database Management System, Database Security and Reliability, Computer Aided Design and Computer Aided Manufacturing, Digital Modelling, Viewdata System, Chinese Language Processing, Network, Scheduling, Computer System Management, Operating Systems, Artificial intelligence, Programming Languages, Microcomputer System, Computerized Business Applications, Cybernetic Modelling, Computer Simulation, Computer Aided Instruction, Applications Programming, Programme Design and Data Management. Recently, the Department has developed keen interests in CAD/CAM research to be applied to local industries.

Textbooks on the programming languages FORTRAN and COBOL, and on Computer Science were published. Numerous papers on the topics mentioned above have also been published.

Careers of Computer Graduates

Graduates of the Department have either taken up employment with reputable data processing institutions or gone abroad to pursue further studies in overseas universities. Many of the graduates, majors and minors alike, are holding responsible positions in industry and commerce.

Community Service

In 1980, the Education Department of the Hong Kong Government announced that Computer Studies would be introduced as a subject in some local secondary schools at the Forms 4/5 level in 1982. The Department, in conjunction with the Department of Extramural Studies of the University and the Education Department of the Hong Kong Government offered Certificate Course on Computer Studies for Secondary School Teachers from October 1980 to May 1981. This course proved to be very successful and was repeated six times. A book on Computer Studies for Secondary Schools, with two accompanying workbooks, was published. In 1983, a further course at the intermediate level was offered and the curriculum was based on G.C.E. A-Level syllabus with slight modifications for local needs. This course has been repeated thrice.

Future Development

The University has made pioneering efforts in the promotion of Computer Science education at the tertiary and secondary school levels. Should resources (budget and manpower) be available, a PhD programme in Computer Science will be launched in the foreseeable future. Meanwhile, the Department has contributed much to the development of Engineering Studies in this University.

To conclude, we should like to quote the motto for the Department:

'Ask not what the computer can do for you.
Ask what you, with the aid of the computer,
can do for the betterment of mankind.'



Professor Loh Shiu-chang

Chairman of the Department of Computer Science

Professor Loh Shiu-chang received the BSc and PhD degrees in Electrical Engineering from Leeds University, England in 1955 and 1957, respectively. He worked at the National Research Council of Canada as a Postdoctorate Fellow on microwave-antenna and wave propagation from 1957 to 59 and taught at the University of Hong Kong from 1959 to 65. In 1965, he was a Guest Professor at the Technical University of Denmark. Since August 1966, he has been with this University and was appointed to the chair professorship in Computer Science in 1970.

Professor Loh has published over sixty papers and two books and owns several patents principally on electromagnetic theory, antenna, machine translation, computer science, ideographic keyboard design etc. He was the leader of an international computer scientists delegation to the first computer conference hosted by the Chinese Computer Society in Beijing in September 1979. In 1984, Professor Loh was nominated as the British Computer Society/Sperry Univac Annual Lecturer and presented his lecture entitled 'A Chinese Puzzle' at the Royal Society.

Profile of 1986 Freshmen

The University admitted 1,379 undergraduates in September 1986. Surveys on the freshmen, including students of the Part-time Degree Programmes, were conducted by the Office of Student Affairs, and the response rate was 96.2%, 2.7% lower than that of the previous year.

Freshmen of the Full-time Programmes

The overall male to female ratio among freshmen is 1:1.2; however, male students still form the majority in the Faculty of Medicine (85.7%) and the Faculty of Science (74.6%). The average age of the students is 18.5 years, which is similar to that of the previous year (18.4). The male and female averages are 18.8 and 18.2 respectively. Some 73% of the students profess no religious belief. The others are mainly Protestants (19.2%) and Catholics (6.7%).

Freshmen in general have had an active non-academic life before entering the University: 98.8% of them have participated in extracurricular activities at school, and 76.2% travelled outside Hong Kong. 6.4% of the freshmen have had the experience of full-time paid employment and about 58.1% the experience of summer work prior to entering university.

The majority of the freshmen indicated that they had confidence in adapting to university life. The areas in which they anticipated the greatest difficulties included: adaptation to the University's teaching method (33%), coping with the tutorials (25.7%), and understanding reading materials in English (25.4%). Some of the freshmen indicated that they were troubled, to various extents, by emotional problems during the three months prior to entering the University. When faced with emotional problems, some 57% of the students would choose to talk and share their thoughts with their fellow-students or friends, 12.4% their siblings and 15% their parents. Those who choose to consult their teachers account for less than 1%, while 12% say they would keep the problems to themselves.

The majority of the students indicated an interest in a variety of psychological counselling services, such as training in social skills (83.1%), in time organization (72.5%), in self-awareness (72.2%), and individual counselling (58.4%).

The level of the educational attainment of the parents is considerably higher than that of the previous year. Some 19% of the fathers and 11.7% of the mothers have received education at tertiary level. There were 29.9% of the fathers and 21.7% of the

mothers educated to secondary standard. Less than half of the parents have had only primary school education. As for parents' occupation, 17.2% of the fathers are semi-skilled workers, 15% of them are store-owners, 9.9% are professionals or in a managerial position and 8.4% are skilled workers or technicians. A large majority of the mothers (58.7%) are housewives, while 17.5% of them are employed as semi-skilled workers.

The survey revealed that nearly 27% of the freshmen came from families with a monthly household income of \$9,001 or above, and 27.1% in the range of \$3,001 to \$5,000. The average monthly household income per capita is \$1,377. Close to 90% of the freshmen have to rely in varying degrees on their families for financial support. Some 51% of them also indicated that they have a need for Government grants and loans. 36% of them plan to take up summer or part-time work to help provide for their education expenses.

The majority of the freshmen (54.6%) live in Kowloon. About 23.6% of them live in the New Territories and 21.3% on Hong Kong Island. Less than half (43.5%) of the freshmen have their homes in public housing estates, representing a decrease of 3.1% when compared with the previous year's figure (46.6%). The average household size is 5.4 persons. The overall average living area per person is 7.3 square metres, which is slightly higher than that of the previous year. However, nearly half of the freshmen (47.6%) have neither a private room nor a private desk of their own, which suggests that the study environment of the freshmen is quite disadvantageous. About 70% of the respondents express a strong need for campus accommodation. The reasons given by most of them include unfavourable living conditions at home and remoteness of home from campus.

Some 97% of the students surveyed have chosen their major programmes out of an interest in the subjects. Over three quarters of them believe that their chosen fields of study will lead to promising careers. Some 19.4% of the students suggested that family expectation had played a part in their choice of major subjects. About 95% of the respondents hope to study a subject of interest in university. Some 88% also expect a university education to provide them with assistance in perfecting their characters. About 76% of the students place the emphasis on being able to acquire an all-round education. Most of the freshmen express a keen interest in extracurricular activities. Close to 90% suggest that they will participate in

academic activities outside the formal curriculum. Some 77% of them are interested in sports and games, while 80.5% take an interest in activities related to arts and crafts, and some 47% in Student Union activities.

As regards the employment sectors the freshmen preferred to join upon graduation, 32.2% indicated that commerce and industry would be their top priority, 30.8% indicated civil service, 18.3% education and 12.2% social service. When asked to assess their own abilities and skills, the students surveyed suggested that they were adaptable, analytical, self-confident and good at Chinese. On the other hand, they indicated deficiency in English, in leadership abilities, in social skills and in creativity.

Freshmen of the Part-time Degree Programmes

Freshmen of the Part-time Degree Programmes are different from their full-time counterparts in a variety of ways. They are older, with an age range of twenty-three to forty-three years, while the average is 27.7 years. Women and men are about equally represented. Some 51% of the students surveyed are male, and 49% are female. The male to female ratios among the new students of the Business Administration Programme and the Chinese-English Programme are 1:0.24 and 1:2.5 respectively. Unlike their full-time counterparts, a much larger proportion of these part-time students are married (30.4%). Of these 61.1% have one or more children.

After graduation from secondary school, some 39% of the new students report that they have, at one time or another, attended post-secondary institutions, while 26.1% indicated that they have already graduated from Colleges of Education. About 16% showed that they have taken courses organized by various institutions, such as the extramural courses

offered by the two universities. It appears that a group of highly active and self-motivated learners has been enrolled.

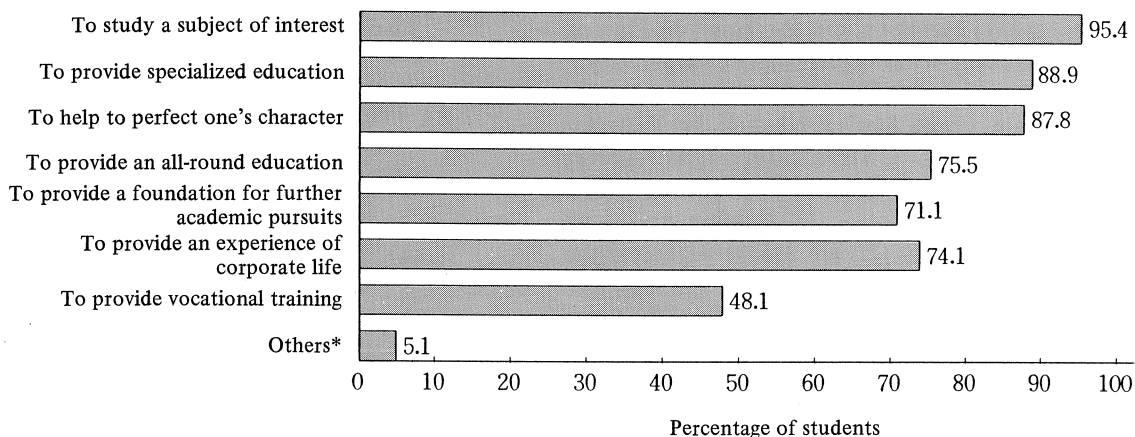
The new part-time students come from four major occupational sectors. 33% of them work in various government units, 27.8% come from the educational sector, 21.8% from commerce and industry, and 10.4% served in various social service organizations. Most of these students have chosen to enrol in a subject that relates closely to their work. 34.3% of those enrolled in the Chinese-English Programme, and 80% of those in the Music Programme are from the teaching profession. In the Social Work Programme, half of the students are in-service social workers. Finally, 74.9% of the students in the Business Administration Programme come from various fields in commerce and industry.

Over half of the students surveyed (52.1%) have had fewer than five years of working experience, while 21.7% of them have worked over ten years. Some 28% of the new students have monthly salaries below \$6,000 while 22.6% earn over \$9,000 per month. The average monthly salary is \$7,115. As for the financing of university education, over 88% of the respondents reported that the major source is their own personal income, followed by savings (7%).

When the students were asked the reasons for pursuing a university education, the most popular one given was the wish to acquire a university qualification (53%). Two other popular reasons were the desire to study a subject of interest (50.4%), and to acquire professional knowledge during spare time (40%).

Most of the new part-time students assess themselves favourably, believing that they are adaptable, self-confident, analytical, good at Chinese and able to organize. According to the students themselves, their chief shortcomings are lack of creativity and inadequacy in social skills.

What students expected a university education to provide



*To help to develop one's sense of social responsibility and to find a life goal; to help to improve one's analytical thinking and to develop independence.

Seminars · Concerts · Exhibition

* Chung Chi College organized:

– A series of lectures by Mr. Xiao Qian, a famous Chinese writer and the 1986-87 Siu Lien Ling Wong Visiting Fellow of the College:

- (1) 'The Friends I Made in Great Britain' (7th January);
- (2) 'The Insight I gained on Human Nature during and since the War' (8th January);
- (3) 'Chinese Literature in the '80s' (9th January);
- (4) 'Writer, Man, Love and Feelings' (9th January); and
- (5) 'Looking at the Present State of Creative Writers in China Through the Treatment of Love in Recent Fictions' (10th January).

– The annual Education Conference, on 'Academic Freedom and Society', was held on 16th January. The three speakers were: Mr. Xiao Qian, the Hon. Mr. Justice T.L. Yang, and Professor Ambrose Y.C. King of the Department of Sociology.

* The Department of Physics organized:

– A public lecture on 'The Development of Science in Taiwan during the Past Two Decades' by Professor Ta-You Wu, President of the Academia Sinica, Taiwan, on 8th January.

– A seminar on 'Optical Information Processing' conducted by Professor Mu Guoguang, President and Professor of Physics, Nankai University, China, on 19th January.

– A seminar on 'Generation of Neutron Star from Guest Star' conducted by Professor Wang Zhenru, Department of Astronomy, Nanjing University, China, on 20th January.

* The Institute of Chinese Studies organized the following seminars:

– 'Criticism and Evidential Studies: *The Story of Ying Ying*' conducted by Professor Joseph Lau, Professor and Chairman of the Department of East Asian Languages and Literature, University of Wisconsin, on 7th January.

The seminar was jointly organized with the Department of Chinese Language and Literature.

– '*The Dream of the Red Chamber* and the Background of Its Author' conducted by Mr. Hsu Yet-ping (Kao Yang), a famous novelist from Taiwan, on 10th January.

– 'An Introduction to Guangdong Dialects' conducted by Professor Zhan Bo-hui, Dean of College of Liberal Arts, Jinan University, China, on 13th January.

– 'Changes in Chinese Society in Modern Times' conducted by Professor Chang Yu-fa, Director of Institute of Modern History, Academia Sinica, Taiwan, on 12th February.

– 'The Literary Heritage of "Manchukuo"' conducted by Professor Howard Goldblatt, Professor of Chinese Literature, San Francisco State University, USA, on 16th February. This seminar was jointly organized with the Department of Chinese Language and Literature.

– 'The Management of Resources and Cataloging in Library Collections in Taiwan' conducted by Dr. Wang Chen-ku, Director of National Central Library, Taiwan, on 19th February.

* New Asia College organized the following seminars and lectures:

– Seminars conducted by the Ming Yu Visiting Scholars of the College:

(1) 'Philosophy's Second Revolution' conducted by Professor David Clarke, Professor of Philosophy, Southern Illinois University at Carbondale, USA, on 12th January. The seminar was jointly organized with the Department of Philosophy.

(2) 'Risk Management and Insurance' conducted by Professor Kailin Tuan, Professor of Insurance and International Business, School of Business Administration of Temple University in Philadelphia, USA, on 17th January. This seminar was jointly organized with

the Department of Marketing and International Business.

- A public lecture entitled ‘On the Characteristics of Chinese Painting’ by Professor Lu Yan Shao, Zhejiang Academy of Fine Arts, China and S.Y. Chung Visiting Scholar of the College, on 24th January.
- * The Japanese Studies Section organized a lecture on ‘Japanese Literature and War’ by Mrs. Xiao Qian on 13th January.
- * The Department of Chemistry organized the following seminars:
 - ‘Teaching Structural Chemistry’ conducted by Professor Zhou Gongdu, Department of Chemistry, Peking University, on 16th January.
 - ‘Total Synthesis of Macrolide’ conducted by Dr. Hak Fun Chow, Department of Chemistry, Oxford University, on 23rd January.
 - ‘Unstable Tautomers of Heterocyclic Compounds’ conducted by Professor B. Capon, Department of Chemistry, University of Hong Kong, on 20th February.
- * The China’s SEZs Data and Research Unit of the Centre for Contemporary Asian Studies organized the following lectures:
 - Professor Chang Yuanyuan, a well-known Chinese economist, gave two public lectures:
 - (1) ‘Financial Reform in China’s Special Economic Zones’ (19th January); and
 - (2) ‘The Development Strategy of Zhuhai in the Zhujiang River Delta’ (20th January).
 - Professor Zeng Muye, Vice-President and Director of the Institute of Economics, Guangdong Provincial Academy of Social Sciences, and Deputy Chairman, Guangdong Society of Special Economic Zones, gave two lectures:
 - (1) ‘New Pace of the Shenzhen Special Economic Zone’ (23rd February); and
 - (2) ‘Experience of the Shantou Special Economic Zone’ (24th February).
- * The Department of Government and Public Administration organized the following lectures:
 - ‘The Development of Chinese Legal Education’ by Professor Duanmu Zheng, Chairman of the Department of Law, Zhongshan University, and member of the Basic Law Drafting Committee, on 20th January. The lecture was jointly organized with the

Chinese Law Programme of the Centre for Contemporary Asian Studies.

- ‘American Students in the 1980s’ by Mr. Paul Harold, Senator of Massachusetts State, USA, on 23rd February. This lecture was jointly organized with the Society of Government and Public Administration.
- * New Asia College, the Department of Anthropology and the Department of Sociology jointly organized a public lecture on ‘Recent Development of Rural China’ on 21st January. The speaker was Professor Fei Xiao-tong, a renowned sociologist and Professor of Peking University and Central Institute for Minority Nationalities.
- * United College held its 1987 Annual Workshop, on ‘The Pursuit of Ideal – from Campus to Community’, on 24th January. The Panelists included Dr. Chen Te, Senior Lecturer in Philosophy, Dr. Paul S.N. Lee, Lecturer in Journalism and Communication, Mr. Andrew W.F. Wong, Lecturer in Government and Public Administration, and Miss K.F. Cheung, News Editor, *Pai Shing Semi-monthly*.
- * The Department of Accounting and Finance organized the following lectures:
 - ‘Lease Financing’ by Mr. F. Dubost, Managing Director of Locasuez (Asia) Ltd., on 12th February.
 - ‘International Lending’ by Mr. Luc Debievre, Assistant Director of Indosuez Asia Ltd., on 26th February.
- * The Department of Music organized:
 - A lecture on ‘Church Music Tomorrow’ by Dr. Ingeline Nielsen, organist and music director at the Ecumenical Centre, headquarters of the World Council of Churches in Geneva, Switzerland, on 23rd February.
 - A Louis Chen *Zheng* Music Appreciation on 27th February.
- * An Oriental Ink Painting Exhibition, organized by the Department of Extramural Studies and presented by The Hong Kong Institute for Promotion of Chinese Culture, was mounted from 5th January to 3rd February at the Institute. The Exhibition was formally opened by Dr. T.K. Ann, Dr. Ho Kam-fai, Director of the EMSD, Mr. Koichiro Matsuura, Consul General of Japan, and Mr. Jae-Choon Kim, Consul General of Korea. A total of seventy-eight exhibits, including works by painters of mainland China, Hong Kong, Japan, Korea and Taiwan, were on display.

Personalia

(From 1st January to 28th February, 1987)

I. Concurrent Appointments

Professor Char-nie Chen
Head of Shaw College
Dr. Hung Wai-ye, Eva
Acting Director, Research Centre for Translation and Executive Editor of *Renditions*

II. Appointments

Academic Staff

Faculty of Arts

Professor John Hoffman
Visiting Professor of Religion
Dr. Fung Ping-kuen
Lecturer in Philosophy
Dr. Hung Wai-ye, Eva
Lecturer in Translation
Dr. Lee Hun-tak, Thomas
Lecturer in English
Dr. Richard R. Deutsch
Visiting Lecturer in Religion
Mr. Peter C. Clarke
Instructor, English Language Teaching Unit

Faculty of Business Administration

Dr. C. Aaron Kelley
Visiting Senior Lecturer in General Business Management & Personnel Management
*Mr. Chau Sui-keung, Danny
Lecturer in Accounting & Finance

Faculty of Medicine

Professor Ronald J. Linden
Visiting Professor of Physiology
Dr. Chiu Fung-kam, Helen
Lecturer in Psychiatry
Mr. Andrew P. Brightwell
Visiting Lecturer in Surgery
Dr. Julian F. Harrison
Visiting Lecturer in Anaesthesia
Dr. Alex Ford Kan
Visiting Lecturer in Anaesthesia
Mr. Andrew W.G. Kinninmonth
Visiting Lecturer in Orthopaedic & Traumatic Surgery

Mr. Kong Han-boon, James
Visiting Lecturer in Surgery
Dr. Rhian V. Lynch
Visiting Lecturer in Anatomy
Dr. Robert J. Peck
Visiting Lecturer in Diagnostic Radiology & Organ Imaging
Dr. John L. Crammer
Visiting Scholar in Psychiatry
Dr. Dai Lok-kwan, David
Honorary Clinical Lecturer in Community Medicine
Dr. Feng Chi-shun
Honorary Clinical Lecturer in Morbid Anatomy
Dr. Donald W. Galloway
Honorary Clinical Lecturer in Anaesthesia
Dr. Ho Ho-cheong
Honorary Clinical Lecturer in Morbid Anatomy
Dr. Lai Jak-yiu
Honorary Clinical Lecturer in Medicine
Dr. Leung Chi-tat, Antony
Honorary Clinical Lecturer in Medicine
Dr. Mak Ki-yan
Honorary Clinical Lecturer in Psychiatry
Dr. M.T.P. Simon
Honorary Clinical Lecturer in Morbid Anatomy
Dr. V. Sriskandavarman
Honorary Clinical Lecturer in Morbid Anatomy

Faculty of Social Science

Dr. Lee Jik-joen
Lecturer in Social Work
*Mr. Tsoi Kcon-wah
Lecturer in Social Work
Mr. Au Chak-kwong
Field Instructor in Social Work
Mr. Chan cheung-ming, Alfred
Field Instructor in Social Work

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Secretary of the University
Dr. John Minford
Editor-At-Large of *Renditions*, Research Centre for Translation
Mrs. Ng Ho Yuen-yi, Vivian
Administrative Assistant, Personnel Section, Secretariat
Mrs. Angela Yang
Executive Officer I, Academic & Examination Section, Registry

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Research Associate, Chinese Medicinal Materials
Research Centre

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Reader in Religion
Rev. Chow Tin-wo, Daniel
Senior Lecturer in Theology
Dr. Leonard Chu
Senior Lecturer in Journalism and Communi-
cation
Dr. Hsieh Jiann
Senior Lecturer in Anthropology
Dr. Wong Yue-chim, Richard
Senior Lecturer in Economics

IV. Promotions

Academic Staff

Dr. Lee Kam-hon
Reader in Marketing & International Business

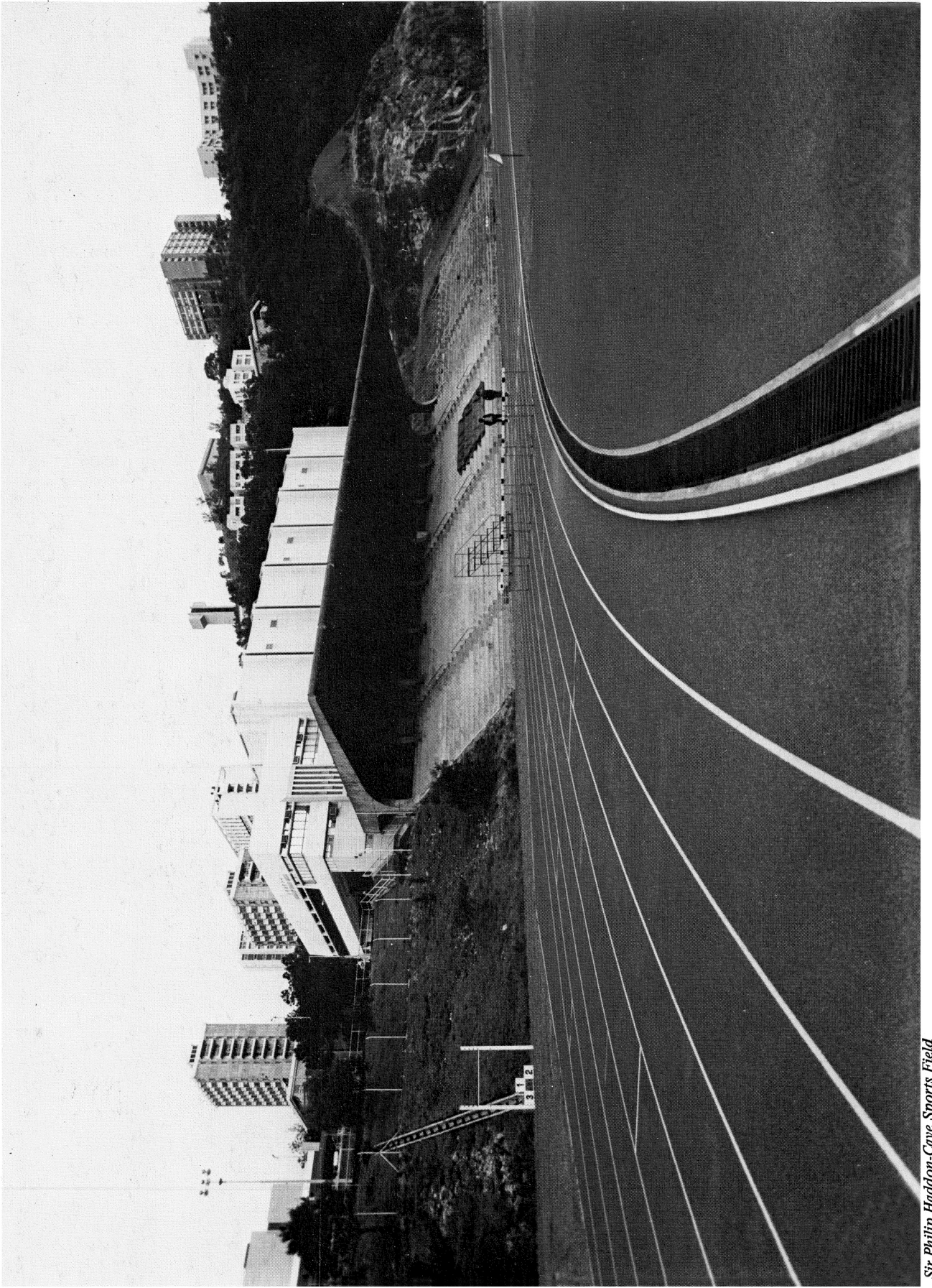
Gifts and Donations

As a manifestation of their confidence in this University's development, local and overseas individuals and foundations have donated generously to support the University's physical development programme, research projects, publication projects, fellowship and scholarship schemes, and have presented the University with equipment and books. The University has recently received the following gifts and donations:

- (1) From Mr. K.K. Leung a donation of HK\$8,000,000 towards the construction cost of an academic building.
- (2) From an anonymous donor a donation of HK\$1,000,000 for the establishment of an endowment fund, the accrued interest from which will be used for:
 - (a) awards under the Dr. R.C. Lee Memorial Gold Medal in Surgery Award Scheme;
 - (b) a cash prize associated with the award in (a); and
 - (c) educational, research and training programmes of the Department of Surgery.
- (3) From the Chung Brothers a donation of HK\$1,000,000 for the establishment of the Chung Chan Wai Lim Endowment Fund, the accrued interest from which will be used to provide scholarships for students of the Faculty of Business Administration.
- (4) From Mr. Michael J. Costin a donation of HK\$2,500 towards the Dr. Kan Lai-bing Fund for employing student helpers in the Library.
- (5) From Mr. Wilson T.S. Wang a further donation of HK\$1,000,000 towards the endowment fund for the Wilson T.S. Wang Visiting Professorship Scheme in the Department of Surgery.
- (6) From Chou's Foundation a donation of HK\$20,000 for the establishment of a Student Campus Work Scheme for 1986-87.
- (7) From Dow Chemical Pacific Ltd. a donation of HK\$6,000 for the Dow Chemical Scholarship 1986-87, to be awarded to an MBA student.
- (8) From Duty Free Shoppers Charitable Trust a donation of HK\$6,000 for the Duty Free Shoppers Scholarship 1986-87, to be awarded to an MBA student.
- (9) From Dr. S.S. Lee a donation of HK\$3,000 as the Lee Sheung Sun Academic Awards for the students resident in the Postgraduate Hall Complex.
- (10) From Li Po Chun Charitable Trust Fund annual donations of:
 - (a) HK\$88,000 for four Li Po Chun Charitable Trust Fund Postgraduate Scholarships of HK\$22,000 each, to be awarded, as from 1986-87, to outstanding graduate students; and
 - (b) HK\$108,000 for eighteen Li Po Chun Charitable Trust Fund Scholarships of HK\$6,000 each, to be awarded, as from 1986-87, to undergraduate students.
- (11) From an American doctor a donation of US\$150 to the Chinese Medicinal Material Research Centre.
- (12) From Cheng Yu Tung Foundation Ltd. a donation of HK\$300,000 in support of research activities of the Institute of Chinese Studies.
- (13) From Consumer Council a donation of HK\$8,250 in support of a research project by Dr. Albert W.N. Leung of the Department of Biochemistry.
- (14) From The Croucher Foundation a further donation of HK\$11,250 for a research project undertaken by the Department of Morbid Anatomy.

- (15) From the following contributors donations in support of the teaching and research work of the Department of Surgery:
- (a) HK\$3,000 from Mr. Ho Tak Wah;
 - (b) HK\$3,000 from Ms. Ho Yim Lan;
 - (c) HK\$5,000 from Ms. Kwan Wai King;
 - (d) HK\$5,000 from Dr. P.C. Tong and Dr. C.P. Woo;
 - (e) HK\$2,500 from Mr. Tsang Chi Bon; and
 - (f) HK\$5,000 from Ms. Tsang Lai Kuen.
- (16) From Gell Medical Ltd. a donation of HK\$10,000 for the Gynaecological Laser Unit of the Department of Obstetrics and Gynaecology.
- (17) From Glaxo Orient (Pte) Ltd. a donation of HK\$20,000 in support of research work of the Department of Chemical Pathology.
- (18) From Dr. Ho Tim:
- (a) HK\$20,000 in support of a research project by Dr. Joseph Y.S. Cheng of the Department of Government and Public Administration, under the auspices of the Centre for Hong Kong Studies; and
 - (b) HK\$150,000 for the symbolic relief on the external wall of the Ho Tim Building.
- (19) From Mrs. Lo Mak Hau-chong a donation of HK\$500 in memory of her late father for student research of the Department of Philosophy.
- (20) From Searle Research & Development Division of G.D. Searle & Co. a further donation of US\$5,400 in support of a clinical research project by the Department of Medicine.
- (21) From Squibb (Far East) Ltd.:
- (a) US\$2,000 to sponsor a Senior Lecturer in Medicine of Beijing Medical University to conduct collaborative research in the Department of Medicine with Dr. Lai Kar Neng; and
 - (b) US\$2,000 to sponsor a staff of the Department of Medicine to attend the 9th Asian-Pacific Congress of Cardiology held in New Zealand in February 1987.
- (22) From the University of Alberta a donation of Can\$3,000 in support of a research project jointly undertaken by the Department of Biochemistry and the Multi-discipline Laboratories.
- (23) From World Health Foundation (HK):
- (a) HK\$9,950 in support of a research project undertaken by Dr. Lai Kar Neng, Dr. Fernand Mac-Moune Lai, Dr. Paul Cheng and Dr. Antony C.T. Leung of the Faculty of Medicine; and
- (b) HK\$5,000 in support of a research project undertaken by the Department of Medicine.
- (24) From Astra Pharmaceuticals Hong Kong a donation of HK\$24,500 to sponsor a staff of the Department of Medicine to attend a congress in New Zealand in February 1987.
- (25) From the following contributors donations to sponsor a staff of the Department of Anaesthesia to give lectures in Kunming in November 1986:
- (a) HK\$2,000 from Hong Kong Oxygen & Acetylene Co. Ltd.; and
 - (b) HK\$1,000 from Johnson & Johnson (HK) Ltd.
- (26) From Hang Seng Bank Ltd. a donation of HK\$100,000 to be used at the Vice-Chancellor's discretion for 1986-87.
- (27) From the Hong Kong Association of the Pharmaceutical Industry a donation of HK\$500 to the Department of Medicine.
- (28) From Lee Foundation, Hong Kong a donation of £ 250 to sponsor a postgraduate student of the Department of Anatomy to attend the First Molecular Biology Workshop held at the University in December 1986.
- (29) From Lee Hysan Foundation Limited a donation of HK\$10,000 in support of the 3rd International Summer School on Optical Methods in Biophysics held in July 1987.
- (30) From Li & Fung (Trading) Ltd. a further donation of HK\$40,905 towards the endowment fund for the Li & Fung Public Lectures on Commerce and Industry Programme under the auspices of the MBA Division.
- (31) From Milupa a donation of HK\$9,000 to sponsor three staff of the Department of Paediatrics to attend a conference in Singapore in November 1986.
- (32) From Ming Pao Daily News Ltd. a donation of HK\$11,377 towards the expenses for the Weiqi Tournament organized by the Institute of Chinese Studies in association with the Hong Kong GO Club and Hong Kong GO Association.
- (33) From MIT Club of Hong Kong a donation of HK\$1,000 in support of the University's sports programme.
- (34) From Mr. Wang-chi Ng a donation of HK\$2,000 to the Department of Orthopaedic and Traumatic Surgery.
- (35) From Organon (Hong Kong) Ltd. a donation of HK\$5,000 to sponsor a staff of the Department

- of Obstetrics and Gynaecology to attend an international congress held in April 1987.
- (36) From Swire Loxley Ltd. on behalf of Smith, Kline & French Laboratories a donation of HK\$8,000 to sponsor a staff of the Department of Surgery to attend a meeting in Bangkok in February 1987.
- (37) From Television Broadcasts Limited a donation of HK\$1,000 to the Department of Journalism and Communication.
- (38) From Trustees of Lingnan University a donation of US\$30,000 in support of the programme of academic visitors (management teachers) from mainland China in 1987-88.
- (39) From various contributors donations and gifts totalling HK\$151,900 to United College from 1st July, 1985 to 30th June, 1986.
- (40) From the Xinhua News Agency, Hong Kong Branch, a donation of HK\$10,000 to sponsor the Exhibition of the Life and Activities of Dr. Sun Yat-sen held in Hong Kong in October 1986.
- (41) From the Alumni Association of United College a set of hi-fi equipment for Hang Seng Hall, United College.
- (42) From an anonymous donor a Song/Jin Cizhou type dish.
- (43) From Edward Keller Ltd. on behalf of their principal, Messrs. C.C. Friesland, a Detecto Electronic Neonatal Scale to the Department of Paediatrics.
- (44) From Gilman & Co. Ltd. a set of JAZZ software package to the Department of Electronics.
- (45) From the Government Supplies Department five sets of used anaesthetic machines: three to the Department of Anaesthesia, one each to the Department of Physiology and the University Animal House.
- (46) From Hong Kong Telephone Co. Ltd. a set of fibre optic jointing equipment to the Department of Electronics.
- (47) From Dr. and Mrs. K.S. Lo thirteen pieces in eight sets of porcelain recovered from 'Geldermalsen', the Nanking Cargo, to the Art Gallery.
- (48) From Smith, Kline & French Laboratories a set of computer accessories to the Combined Endoscopy Unit of the Departments of Medicine and Surgery for research purposes.
- (49) From United College Staff Association a birthday cake for United College Anniversary.
- (50) From Varitronix Limited two units of main computer processor with 10M hard-disk, including two terminal stations (made by COMX).
- (51) From various donors gifts of antiques and works of arts to the Art Gallery from 1st August to 31st December, 1986:
- (a) From Kwong Fat Hong gold foil with decoration;
 - (b) From Mr. Wang Zong Yan four leaves of *Biography of Kang Youwei* with vermilion comments by Zhang Yuanji;
 - (c) From Mr. Y.W. Fong old wooden figure of an official with painted decoration;
 - (d) From Bei Shan Tang: rubbing of the Kong Zhou Stele of the Han Dynasty, late Ming to early Qing; seven bronze seals, Qin to Jin; old Jade seal; ewer with dated inscription corresponding to 864 A.D., Changsha ware, Tang; large vase with cover painted with dragons and clouds design, W. Han; painted pottery bowl, Banshan type, Neolithic; calligraphy by Lu Jian, fan, Qing; calligraphy by Lu Jian, hanging scroll, Qing; five bronze seals, Han; one gilt bronze seal and one silver seal, Jin; silver seal, Qin; nine bronze seals, from Han to Yuan; painted pottery jar with two loops, Qijia culture, Neolithic; and four stone tools, Neolithic.
 - (e) From Dr. Kwan Ka Kon: octagonal mortar in green glaze with incised floral design, Yue ware, Five Dynasties/N. Song; large covered box in green glaze with combed design, Guangdong ware, N. Song; and jarlet in green glaze with three loops and moulded dragon design, Longquan ware, Yuan.
 - (f) From Mr. Xu Hengbin two relief carvings of the portrait of the Sixth Patriarch of Song and Yuan Dynasties, modern.
 - (g) Bequest from Mr. He Kingchou: jar in yellowish green glaze with four loops, Song; and dish in yellowish green glaze, Sui to early Tang.
 - (h) From Friends of the Art Gallery pillow with marbled pattern under yellow glaze, Henan Gongxian ware, Tang.
 - (i) From Mr. Xie Wenying his own painting of fish.
 - (j) From Mr. Lai Loy bowl in green glaze with duck and waves pattern, Yaozhou ware, Song.



Sir Philip Haddon-Cave Sports Field