The University's 42nd congregation for the conferment of honorary and higher degrees was held at the Sir Run Run Shaw Hall on 24th October. HE the Governor and Chancellor of the University, Sir David Wilson, officiated at the ceremony, which was attended by about 1,000 graduates, parents and guests.

This year, four distinguished persons were awarded honorary degrees: Dr. Edwin H. C. Tao and Dr. Li Kwoh-ting received the degree of Doctor of Laws, honoris causa; Prof. Zhou Guangzhao, the degree of Doctor of Science, honoris causa; and Dr. Chiang Chen, the degree of Doctor of Social Science, honoris causa. Their citations were written and delivered by Dr. Y. H. Chou of the Department of English.

In an address made on behalf of the honorary graduates, Prof. Zhou Guangzhao traced the development of science and technology in China through the centuries and concluded that 'Hong Kong, with its prosperous economy and sophisticated culture, has both unique endowments and an imperative moral responsibility to develop science and technology, and to promote the cause of the modernization of China.'

The congregation also saw the award of higher degrees to 231 graduates, including two Doctors of Medicine, 11 Doctors of Philosophy, 88 Masters of Philosophy, 29 Masters of Arts, one Master of Divinity, 84 Masters of Business Administration, 14 Masters of Arts (Education) and two Masters of Social Work. Outstanding graduates were separately introduced to the Chancellor and Lady Wilson at a tea reception held after the ceremony at the Benjamin Franklin Centre.
Department of Architecture Inaugurated

The University's new Department of Architecture was formally inaugurated on 8th October. Mr. Graham Barnes, Secretary for Planning, Environment and Lands, officiated at the inauguration ceremony, which was attended by government officials, academics and professionals from the architectural field, and the department's first batch of 52 students.

The department will provide both undergraduate and professional courses in architecture that will meet the requirements of professional institutes in Hong Kong, the UK and the USA. Prof. Charles K. Kao, the vice-chancellor, said at the ceremony that the programmes of the department are designed to prepare the students to face the complex problems that will beset the 21st century: problems such as energy efficiency and environmental protection.

Prof. Tunney Lee, head of the department, stated on the same occasion that the basic task of the professional architect is to design buildings and environments that can help people to enjoy more fulfilling lives and to work more productively, and that the research objective of the department is to benefit the people and environment of Hong Kong and the nearby regions.

The Department of Architecture is temporarily housed in the Chung Chi Library Building. A new home for it is scheduled for completion in 1993. It will include an architecture library, studios, offices, computer and multi-media laboratories, meeting rooms, workshops and environmental laboratories, with a total floor area of 2,800 square metres.

Orientation Day for Sixth Formers

An orientation day was held on the campus last month to familiarize sixth formers from local schools with the academic programmes of the University and student life in CUHK.

The faculties of arts, business administration, engineering, medicine, science and social science opened their facilities on 5th October to provide some 8,000 visitors with the latest information about their developments through seminars, video shows and counselling programmes. Prof. S. W. Tam, pro-vice-chancellor of the University, officiated at the opening ceremony held at the Sir Run Run Shaw Hall. Dr. Ng Lee-Ming, the registrar, and other faculty members were also present to discuss with the visiting students matters relating to University programmes.

Professor of Paediatrics Gives Inaugural Lecture

Prof. S. J. Oppenheimer, professor of paediatrics, gave his inaugural lecture on 11th October at Lecture Theatre 1 of the Lady Shaw Building. In his lecture entitled 'Myth, Migration, Mutation, and Malaria in Melanesia', Prof. Oppenheimer described how the...
movements of Australoids, negritoes and Austronesians in Melanesia since the ice ages were related to a blood disease – alpha thalassaemia – and the transmission of malaria in the region.

He pointed out that intermarriage between the Austronesians and the descendants of Australoids and negritoes caused genetic mutations (the deletion of specific alpha globin genes), resulting in a mild blood disease known as alpha thalassaemia. The frequency of such gene deletions is very high in Melanesia, affecting some 95 per cent of certain populations. This frequency is at the same time correlated geographically to the transmission of Malaria, suggesting that there may be a selective advantage to this genetic error in that it can offer protection against Malaria.

**Renal Biopsy Pathology Course**

About 65 pathologists and renal physicians from various hospitals in Hong Kong attended a renal biopsy pathology course held on 28th September at the Prince of Wales Hospital.

Organized by the University’s Department of Anatomical and Cellular Pathology and the Hong Kong Division of the International Academy of Pathology, the course aimed to update local pathologists and renal physicians on the biopsy features of different types of renal diseases common in Hong Kong such as lupus nephritis and IgA nephropathy, and other rarer renal diseases like vasculitis. The use of renal biopsies in monitoring renal transplant patients was also discussed.

**New Publications of the University Press**

The following books will be sold at a 20 per cent discount to staff members at the University Bookshop, John Fulton Centre:


**Services to the Community and International Organizations**

- Prof. T. B. Lin, head of New Asia College and professor of economics, has been invited by the International Association of Educators for World Peace to serve as a member of its advisory board from 1st July 1991.
- Prof. K. C. Mun, dean of business administration and professor of marketing, has been invited by the University of Malaya to serve as an external assessor for its Division of Business Administration from September 1991 to December 1992.
- Prof. Arthur K. C. Li, professor of surgery, has been appointed a member of the Medical Council of Hong Kong by HE the Governor for three years from 1st October 1991.
- Mr. Stephen C. M. Yam, lecturer in accountancy, has been appointed an honorary professor of East China University of Chemical Technology from 12th September 1991.
- Dr. Cheng Yin-cheong, lecturer in education, has been invited to serve as a member of the Advisory Committee on the School Management Initiative for one year from 1st September 1991.
- Dr. Fanny M.C. Cheung, senior lecturer in psychology, has been appointed to the Council of the Queen Elizabeth Foundation for the Mentally Handicapped by HE the Governor for three years from 15th August 1991.
- Mr. Andrew W. F. Wong, lecturer in government and public administration, has been elected to the Legislative Council for a term of four years from 1991. Mr. Wong has also been appointed by HE the Governor as a member of the District Board of Sha Tin for three years to 30th September 1994, and a member of the Executive Council for two years until 30th September 1993.
- Prof. Ho Kam-fai, professor of social work, has been appointed a member of the Advisory Committee on Social Work Training and Manpower Planning by HE the Governor for two years from 1st November 1991.

(All information in this section is provided by the Information Office)
The Marine Science Laboratory

Birth of a Laboratory
The Marine Science Laboratory was the brain child of Dr. L.B. Trott, who joined the University some 20 years ago as lecturer in biology. Today, although most people at The Chinese University know of the laboratory, few have ever actually visited it.

Dr. Trott was keen to take advantage of the fact that the campus of The Chinese University was situated right next to a harbour – Tolo Harbour. The University was also enthusiastic about having a laboratory on campus to encourage basic research in all facets of marine science, and readily consented to Dr. Trott’s idea. However, limited resources at the time meant that the laboratory was initially established under the Institute of Science and Technology, and it was not until 1973 that it became a permanent part of the Department of Biology.

The Early Years
Located on the western shore of Tolo Harbour, the Marine Science Laboratory was completed in 1971. Facilities included research laboratories equipped with a wide variety of oceanographic apparatus, quarters for live-in staff, a 300-square foot sea water room, and a storeroom for small ships. The sea water room was connected to two outdoor holding tanks, each 10 feet in diameter. The Pearl Fish, a 44-foot diesel research launch, well equipped with a winch and sonar, was anchored in a private pier next to the compound. Sadly, however, the maintenance costs for a launch of this size proved simply too much, and the Pearl Fish was later replaced by a smaller vessel, the 17-foot Clown Fish.

The staffing of the laboratory was as sparse as its equipment. Apart from Dr. Trott, who served as its first director, there was one janitor, one laboratory technician, and a crew of four for the launch. The director himself shouldered all of the daily responsibility for the laboratory.

Changes and Expansion
After 1973, when the laboratory
became part of the Department of Biology, its directorship resided directly with the chairman of the department. However, this arrangement proved to be not entirely satisfactory, as often the chairman was too busy in his original capacity, or not sufficiently specialized in marine science to do justice to the post. Dr. L. B. Thrower, who was chairman of the department at the time, therefore established an associate directorship for the laboratory to oversee its research activities.

The first associate director, Dr. Wear (then visiting senior lecturer in biology), was appointed on a concurrent basis in 1973. He was succeeded by Dr. W. Y. Tseng in 1976. The present associate director, Dr. N.Y.S. Woo, took up the post in 1983 and was later joined by Drs. K. H. Chu and C. K. Wong to form the backbone of the present research team in the laboratory.

The laboratory experienced two major expansion programmes, in 1979 and 1987. The year 1979 saw the construction of a culture room with six fish and shrimp ponds, a research laboratory, a speed boat maintenance room, four large outdoor culture ponds and 14 small fish ponds. The 1987 expansion programme added a new general office, a research laboratory and a teaching laboratory.

Three Researchers Talk About Their Experiences

The three senior researchers at the Marine Science Laboratory have managed not only to pursue their own specializations, but also to extend the scope and reach of the laboratory through joint projects with both local and overseas institutions. They have talked to the CUHK Newsletter about their work in this unique environment and their most interesting experience.

Dr. N. Y. S. Woo joined the Marine Science Laboratory in 1977 and has witnessed some of its most important developments. Each time he catches sight of the now levelled ground and the new road connecting the laboratory and the main campus, he is reminded of the difficult times a few years ago. In order to build the Tolo Harbour Highway, the government had to block the laboratory’s waterway, which prevented researchers from going out to the sea in search of specimens. Also, the only pavement connecting the laboratory with the campus was turned into a muddy path by all the construction activities, making it accessible only with waterproof footwear. Even cars found the going rough, and both teaching and research work were severely curtailed.

However, this was a relatively short period of inconvenience in Dr. Woo’s 14 years of service to the laboratory, and he recalls other more surprising occurrences, such as the particular sea trip which resulted in the discovery of whale bones. These whale bones have been displayed at the entrance to the laboratory ever since, to symbolize marine science research. He also recalls the alarm felt by the crew one day when they encountered a severe hailstorm which threatened to overturn their launch, and their bafflement when the entire fish stock in the laboratory perished overnight, an unexplained mystery even today.

A specialist in fish physiology, Dr. Woo studies the way in which fish grow and metabolize in relation to the conditions of their environment, such as water temperature, oxygen content, salinity, nutrients, and hormones, in the hope of establishing an optimum environment for their growth and health. Concentrating on sea water fish such as sea bream, garoupa, and sea bass, Dr. Woo recently discovered that rotifer, a kind of planktonic organism, is ideal for feeding newly hatched fish larvae. A new problem is worrying him at the moment though: the poor quality of the water in Tolo Harbour. The laboratory has always relied on the water in Tolo Harbour to sustain the fish and shrimps which they keep, but as the harbour becomes increasingly polluted, it is endangering the lives of the fish and therefore the research results of the laboratory.

Dr. Woo says with regret, "When Dr. Trott founded this laboratory, the place was chosen for its proximity to the sea, with a good supply of sea water. Now Tolo Harbour has been deprived of high quality sea water and hence marine life worth studying. The location of the laboratory has become a liability rather than an asset." The best solution, he suggests, will be to relocate the laboratory, but until then, he is doing his best to improve the situation, and research students are helping him to find ways to purify the water used by the laboratory. One such purification process which has recently been adopted is the introduction of microorganisms into the process, a procedure known as ‘factory-based’ marine fish culture.
Long before he returned from abroad, Dr. K. H. Chu had specialized in the study of lobsters and crabs. Since joining The Chinese University, he has added the study of the growth of shrimp larvae to his list of interests. Is he 'obsessed' with shrimps and crabs? 'Not really,' he replies with a smile. 'My present research project was initiated by the previous assistant director, Dr. W. Y. Tseng. But it is true that I like to study shrimps,' he adds.

In Asia there is a booming shrimp culture business at the moment, but it is often constrained, as Dr. Chu explains, by the lack of supply of shrimp larvae. It takes roughly 12 days for a fertilized egg to develop into a larva, during which time the shrimp undergoes tremendous physiological change, each stage requiring different kinds of nutrients. In order to ensure a constant supply of shrimp larvae, Dr. Chu analyses their body structure, function, physiology, food-taking habits and mortality rates. All of this is vital to minimize the mortality of the shrimps in the most complicated phase of their lives.

The laboratory has successfully cultured five to six species of shrimp larvae. Both local and overseas businesses have placed orders for such species from the laboratory. However, trade with local people has declined with an overall decline of the shrimp culture business in Hong Kong, while the export of shrimp larvae is usually handicapped by severe import regulations.

When Dr. Chu first joined the laboratory, shrimp larva culture was still in its infancy. To have contributed so much to the development of the technique to its present advanced stage has given him much satisfaction. His research continues with the study of moulting and ovarian maturation in the female, in the hope of achieving total control over the culture process.

Furthermore, Dr. Chu and his colleague Dr. C. K. Wong are currently engaged in a three year joint project with the Institute of Oceanography of the South China Sea, Academia Sinica, to analyse the species, location, and output of shrimps in the water where the Zhujiang (Pearl River) meets the sea.

Dr. C. K. Wong specializes in the ecology of marine plankton, and its use in monitoring the degree of pollution of Tolo Harbour. As he explains, the quality of water in the harbour has been deteriorating since sewage from nearby poultry farms is being dumped into the water, causing algae to multiply. As the algae decompose, they use up the available oxygen in the water, and this has encouraged the growth of the 'red tide' organisms at the expense of all other living organisms in the harbour.

Although Tolo Harbour is now full of stagnant water, and it has become very difficult to find specimens, Dr. Wong still routinely makes a specimen collecting trip every month. As the laboratory's research launch is small, it is not possible for Dr. Wong to sail far out to the sea, and although night time is the best time to collect marine plankton, Dr. Wong is usually hesitant about making night trips because of the presence of many smuggling boats in Tolo Harbour after dark.

Despite these problems, Dr. Wong decided to venture out on a longer trip last July, and he hired a larger junk for the purpose. At about seven o'clock that July evening, even though the summer sky was still bright, the smugglers were already at work. Having spotted Dr. Wong's junk, the smugglers sent a small scouting boat to check it out. The crew even boarded the junk, but left after a cursory search had revealed nothing of any interest to them. Dr. Wong recalls that a police patrol boat was only a few hundred yards from the scene, but he and his crew kept silent and no one was hurt. This was undoubtedly the most dangerous experience in his four years with the laboratory.

Dr. Wong hopes that it was a once-in-a-life-time experience, and refuses to allow it to prevent him from carrying out the work which he loves, in an environment which he finds much more peaceful than the main campus. His only complaint? The awful smell of the red tide!
To celebrate its 20th anniversary, the Art Gallery will organize a series of exhibitions and a book sale in December.

* The Exhibition of Jades from the Tomb of the King of Nanyue, jointly presented by the Museum of the Western Han Tomb of the Nanyue King, the Kau Chi Society of Chinese Art, and the Art Gallery, will be held from 6th December 1991 to 16th February 1992 at the west wing of the Art Gallery. Exhibits will include about 100 pieces of jades excavated from the tomb of the Nanyue King, including the famous jade shroud, seals, sword fittings, discs, ornaments and vessels. The exquisite workmanship of these jades reveals the excellent quality and the regional style of jade carving in the Nanyue Kingdom in the early Western Han period.

The opening ceremony of the exhibition with Lady Wilson as the officiating guest will be held at 4.30 p.m. on 5th December. All are welcome.

* The Exhibition of Art Gallery Publications will be held from 5th to 18th December at the foyer of the University Library. Around 40 publications of the Art Gallery will be on display. About half of the titles are exhibition catalogues covering various aspects of Chinese art: painting, calligraphy, ceramics, lacquerware, ivories and archaeological finds. Others are monographs of the Art Gallery collection and research papers on Chinese art.

* The Art Gallery Book Sale will be held from 5th to 30th December at the University Bookstore and the east wing of the Art Gallery. About 20 titles among the Art Gallery publications will be on sale at special discounts, some as much as 50 per cent. One poster will also be given free for every purchase of HK$100.

**New Multi-media Communication Centre at EMSD**

The Department of Extramural Studies (EMSD) has recently set up a Citibank Communication Centre, a million-dollar project supported by the Corporate Contribution Fund Committee of Citibank.

The centre aims at enhancing the learning interest of adult learners through the development of interesting and interactive teaching coursewares. Individuals can create their own teaching materials that integrate video, sound, still images, and graphics under computer control. The centre houses a control room, which is used as a production corner, and a seminar/teaching room which can accommodate about 30 participants. The control room is equipped with two multi-media systems, an audio open-reel recorder, a double cassette deck, a digital effect processor, a stereo-power amplifier, an integrated stereo amplifier, a feedback reduction unit, a mixing console, a monitor loudspeaker and a graphic video/data projector.

**Hui Yeung Shing Building – Use Revised**

Further to the brief report on the progress of the Hui Yeung Shing Building in the October issue of the CUHK Newsletter, the Buildings Office has informed the Newsletter that after careful deliberation on the use of the new building, the Ad Hoc Working Group on Space Allocation has decided that upon completion of the project, three teaching departments (Music, Religion and Japanese Studies) and The Chinese University Press will move into the 10-storey building, which will accommodate both offices and classrooms.
Information in this section can only be accessed with CWEM password.
ANNOUNCEMENTS

New Dean of Science
Prof. Kenneth Young has recently been elected dean of the Faculty of Science for a term up to 31st July 1994.

Professorial Appointments

Professor of Nursing
Prof. Kenneth John Sellick has been appointed professor of nursing from 7th October 1991.

Prof. Sellick started his medical training as a psychiatric nurse in Australia. He became a registered psychiatric nurse in 1966 and three years later a registered general nurse. After acquiring extensive experience in nursing and management in various hospitals, he furthered his studies at La Trobe University and obtained the degrees of Bachelor of Behavioural Sciences, Master of Psychology and Doctor of Philosophy (Psychology) in 1978, 1980 and 1989 respectively.

Prof. Sellick was lecturer at the School of Nursing, Lincoln Institute of Health Sciences for six years from 1978. Before joining this university, he was senior lecturer of the Department of Nursing, Lincoln School of Health Sciences, La Trobe University.

Prof. Sellick is a Fellow of the Royal College of Nursing in Australia, and a member of various professional bodies such as the Australian Psychological Society, the Victorian Community Health Association and the Victorian Arthritis Foundation.

Prof. Sellick is married, with two children.

Professor of Medicine
Prof. David C. Anderson has been appointed professor of medicine from 21st October 1991.

Prof. Anderson was educated in the UK. He studied medicine at St. Andrews University and qualified as M.B. Ch.B. in 1963. He had his house appointments as physician and surgeon at Dundee and Perth Royal Infirmary, and obtained his MRCP (London and Edinburgh) in 1966. Having developed an interest in endocrinology after qualifying, he furthered his studies in biochemistry at Chelsea College of Science and Technology, and obtained the degree of M.Sc. in 1971. Three years later in 1974 he was awarded an MD degree by Dundee University with a thesis entitled ‘Studies on Plasma Androgens and Sex Hormone-Binding Globulin’. Prof. Anderson was elected FRCP in 1979 and qualified as M.R.C.Path. in 1980.

Prof. Anderson has acquired comprehensive medical experience in different hospitals and medical schools. He was appointed senior lecturer in medicine at the University of Manchester in 1975 and was promoted to reader in 1984. In 1986, He was appointed professor of endocrinology.

Prof. Anderson is married, with three children.

The 43rd Congregation and Special Arrangements on the Congregation Day

The 43rd congregation for the conferment of first degrees will be held at the University Mall on Thursday, 12th December 1991 at 3.00 p.m. This year a total of 1,484 graduates will be awarded bachelor’s degrees.

HE the Governor and Chancellor of the University, Sir David Wilson, will officiate at the ceremony, which will be followed by a reception at the University Square.

Robing Room for Procession Members
Staff members joining the official procession should assemble by 2.30 p.m. at the conference hall on the ground floor of the University Administration Building, which will serve as the robing room.

Marshalling of the procession will begin at 2.40 p.m. The procession will leave the Administration Building at 2.56 p.m.

Traffic Arrangements
Traffic on the Central Avenue will be made one-way only (west-bound) from 1.30 p.m., leaving one lane of the avenue for parking. The section between the Leung Kau Kui Building and the Y. C. Liang Hall will remain two-way. The carpark near the Li Dak Sum Building and the parking area outside the University Administration Building will be reserved for members of the procession.

Appropriate road signs will be put up and campus guards will be on hand to assist motorists.

Suspension of Classes
Classes for Medical Studies (Year 1 & 2), the Intercalated Degree Programme in Medical Sciences, and Nursing Studies will be suspended from 1.30 to 5.30 p.m. Other full-time undergraduate classes will be suspended for the whole day.

BFC Staff Canteen to be Closed
The Benjamin Franklin Centre Staff Canteen will be closed on 12th December to be used as the robing room for graduates.
Art Gallery to Extend Opening Hours

For the convenience of guests attending the congregation who may also be interested in visiting the Art Gallery, the gallery will extend its opening hours until 5.00 p.m. on 12th December.

Wet Weather Arrangement

In case of wet weather, the congregation will be held at the Sir Run Run Shaw Hall.

Professorial Inaugural Lecture

Prof. Andrew Parkin, professor of English, will deliver his inaugural lecture entitled 'English and the Place of Poetry' on 29th November at 5.00 p.m. in Lecture Theatre 6, Lady Shaw Building. All are welcome.

Wei Lun Lecture

Prof. Immanuel Wallerstein, distinguished professor of sociology, State University of New York, has been invited to visit this university as Wei Lun Visiting Professor and give two public lectures on the theme of capitalist civilization.

The two lectures entitled 'A Balance-Sheet' and 'Future Prospects' will take place on 19th and 21st November respectively at 4.30 p.m. at the Sir Run Run Shaw Hall. All are welcome.

Access to Local Information Sources

A Minilink online service is now available in the Reference Department of the University Library. Through Minilink, faculty and administrative staff can access a number of local information sources, such as the TDC-Link which gives details about trade statistics, market information, trade regulations, and textile quotas, and the Medilink which provides information on medical services offered by local hospitals and clinics.

Other information that can be accessed includes telephone and fax directories for Hong Kong, Macau and Guangdong, and flight timetables. The connection cost is ten dollars per minute. For more information, please contact the Library’s Reference Department at Ext. 7305 or 7328.

Cardio-Pulmonary Resuscitation Course

The University Health Service will offer a four-session first aid course in cardio-pulmonary resuscitation for interested students and staff. The course intends to explain the basic theory and practice of cardio-pulmonary resuscitation as a life-saving measure in emergency and will run on four consecutive Wednesday afternoons (2.00 – 5.00 p.m.) from 8th January 1992. Certificates of attendance will be issued on request upon completion of the course.

Application forms are available at the Health Centre. Please enrol before 31st December 1991.

What to Do in Case of Accidents and Emergency

The University Health Service wishes to remind all staff members of the following actions they should take in case of emergency:

- For urgent medical attention, go straight to the accident and emergency department of any major hospital in the territory. The nearest one to The Chinese University is the Prince of Wales Hospital in Sha Tin.

- All regional hospitals offer 24-hour free emergency service for acute illnesses or injuries.

- For ambulance service, dial 735-3355 or 999. Identify yourself and give your exact location. For those calling from the campus, it is advisable to also notify the Security Unit at 609-7999 so that the ambulance may be directed to the exact location more readily.

For further information regarding emergency care services, call the University Health Centre at 609-6423 on weekdays.

Swimming Pool to Be Closed

The Benjamin Franklin Centre Swimming Pool will be closed from 1st December 1991 to April 1992 for annual maintenance.

The date of reopening will be announced in due course.

We welcome your contributions

1. Items for the next issue (mid-December 1991) should reach the Editor by 27th November 1991.

2. All contributions and suggestions should be sent to the Editor, CUHK Newsletter, c/o the Publication Office, University Secretariat, The Chinese University of Hong Kong (ext. 7297).

3. Contributions should bear the writer’s name and contact telephone number, and may be published under pseudonyms. Articles without Chinese translations will appear in the English version of the Newsletter only. No anonymous letters will be published.

4. The Editor reserves the right to reject contributions and to edit all articles for reasons of clarity, length or grammar. Those who do not wish to have their articles amended should indicate clearly in writing.

5. No part of this Newsletter may be reproduced without the written consent of the Editor.

6. This publication has a circulation of 1,100 and is primarily intended for staff members of CUHK. Copies are also sent to local educational institutions and individuals associated with the University. Those who wish to be included on the mailing list please contact the Newsletter direct.

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