

GUIDE TO APPLICATION FOR ADMISSION

MPhil and PhD Studies

at the University of Hong Kong

2007 - 2008



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The University's Mission

Since its foundation in 1911, the University of Hong Kong has given unparalleled service to Hong Kong and the region, drawing on the great cultural traditions of China and the West. We shall strive to continue to offer the highest standards of teaching, research, and scholarship as practised in the wider, international academic community, in an environment conducive to creativity, to learning, and to freedom of thought, enquiry and expression.

We shall continue to produce graduates who are equipped to contribute to the intellectual, social, political, moral and material development of the societies in which they are to live; and to recognize that the development of contemporary societies reflects diversity alongside consensus and acknowledgement of the past as well as concern for innovation.

We shall continue to undertake research, consultancy and other forms of service to local and regional communities which will enrich our teaching and advance our quest for wisdom and truth.

We shall make known our mission in Hong Kong and internationally.

The University's Goals

To fulfil our mission we have six major goals. Those goals guide our planning strategies, which we review and update annually. We do our utmost to achieve each goal by safeguarding our established freedom to create an environment of excellence in teaching and research and by maintaining our status as a leading institution of higher education in the region.

- To develop the best qualities of our students
- To facilitate and maintain excellence in teaching
- To advance knowledge through research and scholarly activity
- To attract the most intellectually able staff and students
- To secure and manage the resources to implement our goals
- To disseminate knowledge to benefit and serve the Hong Kong SAR, mainland China and the international community

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THE UNIVERSITY OF Hong Kong



General Information

The University of Hong Kong, founded in 1911 to build on the work of the Hong Kong College of Medicine (established in 1887), is the oldest tertiary institution in Hong Kong. The main estate is situated on the north-western slopes of Hong Kong Island and overlooks Victoria Harbour.

In 2005-2006 the University had a student population of over 21,590, including 11,584 undergraduate students and 10,008 postgraduates students (including 2,136 MPhil and PhD students). From modest beginnings with only three Faculties, the University has grown to embrace almost every major area of teaching and research, and can now confidently claim to be one of the best and most well-established universities in the region. It now has ten Faculties (Architecture, Arts, Business & Economics, Dentistry, Education, Engineering, Law, Medicine, Science and Social Sciences), which offer more than 45 first degree programmes and 85 Master's degree curricula. In addition, all Faculties and their departments provide teaching and supervision for research (MPhil and PhD) students.

The University is a self-governing corporation, which draws its income from endowments, grants from the Hong Kong SAR Government, and fees.

Research Postgraduate Studies and Research at the University of Hong Kong

Research postgraduate students are an important and valued part of the University. They currently make up 9.9% of the total student population of 21,590. The University also values the important role of non-Hong Kong graduate students (40% of the total research postgraduate student population). These presently come from 33 different countries, and provide intellectual stimulation and an important contribution to the social and cultural life of the University. International graduates are attracted to HKU mainly because of its high international reputation as a world class research university, and also because of its use of the English language as the medium of instruction.

The University recognizes that quality teaching, particularly from a strong research base, is often the stimulus for graduates to embark upon research studies. As the leading comprehensive research university in Hong Kong and the region, we aim to maintain high quality research and postgraduate activities across a broad spectrum of disciplines, and to encourage work of a multi-disciplinary nature. In this connection, the University has identified and provided support to various Areas of Excellence as well as proposals that will make leading-edge contributions to the academic community. Many of these areas have developed extensive international networks and strong inter-institutional collaboration work.

Graduates of the University are employed in high-level positions in universities, government, business and industry in Hong Kong and around the world. According to our alumni survey, many of our research graduates hold senior academic positions in local tertiary institutions, while others are senior academics or active researchers in overseas universities and institutions of learning. Some of our graduates work in prominent universities such as the University of Cambridge, the University of Oxford, Yale University, and the Massachusetts Institute of Technology.

The University offers MPhil, 3-year PhD (for those who already have a research Master's degree) and 4-year PhD (for those who have a Bachelor and/or a taught Master's degree) programmes. In addition to the long-established one-to-one mentorship system of supervision, a coursework component has been introduced that aims to provide research training to assist the MPhil and 4-year PhD students to complete their studies within their study period.

The University has excellent infrastructure, and provides a range of services and facilities to support postgraduate studies. Postgraduate studentships, scholarships, research grants and conference/travel grants are provided to high-calibre research students. All full-time local research students may be eligible to apply for financial assistance from the government. The University's world-class library and computer facilities ensure that students have access to an unrivalled learning and research environment.

The Graduate House and graduate student hostels provide accommodation and amenities for postgraduate students and serve as a focal point for postgraduate activities. Postgraduate students also have access to student and medical services and sporting and leisure facilities. They have the opportunity to take an active part in the social life of the University through various activities organized by the University and student associations.

There has been a strong commitment to the development of communication technologies and multi-media teaching within the University in recent years. The University has endeavoured to create a digital campus to encourage teachers and students to make wider use of information technology and to benefit from efficient electronic information exchange.

The University has currently about 1,300 teaching and research staff supported by a government block grant. They are recruited internationally, and are highly visible in cutting-edge research and international publications. They form a strong team in the provision of high quality postgraduate programmes. The University is committed to fulfilling its mission to offer the highest standards of teaching, research and scholarship by continuing to recruit high quality staff internationally.

Medium of Instruction and Examination

The medium of instruction of the University is English except in the School of Chinese, where it is either Cantonese or Putonghua (Mandarin). All applicants for admission are expected to be fluent in English. Applicants for admission to higher degree studies in Chinese must also be fluent in both written and spoken Chinese. Applicants for admission may be required to sit for English language tests or examinations conducted either by the University or by a public examination authority (please refer to the section "General Qualifications for Admissions").

Graduate School



The Graduate School's major roles are

- to provide supporting services for prospective research students, current research students and staff engaged in supervision;
- to monitor and review the admission process and the academic progress of research students;
- to determine the results of higher degree research candidatures on the recommendation of the Board of Examiners;
- to organize courses on thesis writing and research skills and methods as part of the core programme for MPhil and 4-year PhD studies;
- to disseminate good practice and ensure that it is applied in the faculties/departments;
- to participate in the formulation of policy on a wide range of issues affecting research students, including residential accommodation, postgraduate studentships, research support and other welfare;
- to maintain a regular review mechanism and provide feedback for policy considerations;
- to prepare and maintain guidelines for students, and their supervisors, to ensure the effective and efficient conduct and completion of their candidature;
- to advise on quality assurance and the academic audit of graduate training and supervision;
- to organize training workshops in research supervision for new supervisors of research students;
- to organize an induction programme for new research students to introduce them to the University and the wide range of support services provided for their benefit;
- to organize seminars and lectures of general interest to postgraduate students;
- to disseminate information to students in scholarships and further study opportunities;
- to prepare and maintain a database on research postgraduate students;
- to keep up-to-date with international developments, innovations and practices in graduate education, e.g. the University is an international associate member of the Council of Graduate Schools in North America.

The Dean of the Graduate School is Professor Anthony Yeh, who holds this position concurrently with his primary appointment as Chair of Urban Planning and Geographical Information Systems in the Centre of Urban Planning & Environmental Management. Professor John Burns (Chair of Politics and Public Administration) and Professor Fuchun Zhang (Chair of Physics) work with Professor Yeh as Associate Deans. The School is governed by the Policy Board of Postgraduate Education, a committee of the Senate and the School's main strategic and policy-making body. Under the Policy Board are the Board of Graduate Studies and the Board of Examination for Graduate Studies.

The School's office is located in Room P403 of the Graduate House (Tel: 2857 3470; Fax: 2857 3543; Email: gradsch@hku.hk; and homepage: <http://www.hku.hk/gradsch>)

Research Degree



Definitions

The University offers Master of Philosophy (MPhil), 3-year and 4-year Doctor of Philosophy (PhD) programmes. A successful MPhil thesis should represent the result of the candidate's research which displays some originality and which demonstrates a sound understanding of the field of study and the appropriate research methods, and a successful PhD thesis should represent the result of the candidate's research which should be an original contribution to knowledge and worthy of publication.

Candidates will conduct research work under the supervision of at least one member of the University's teaching staff. Candidates without a research Master's degree shall be considered for admission to a 4-year PhD programme, and those who hold research Master's degrees shall be considered for admission to a 3-year PhD programme. Candidates for the research degrees of MPhil and 4-year PhD will be required to follow an approved course of study and research including coursework. The objective of coursework component is to aid research work and preparation for writing the thesis. A candidate shall be required to take at least five but not more than ten courses as specified in the coursework syllabuses. The number of courses specified will include two compulsory courses offered or approved by the Graduate School. Please refer to the section "Coursework Requirement" for details.

A student may register as a full-time candidate when he or she holds

- (a) no employment; or
- (b) part-time employment (whether inside or outside the University), provided that the employment entails not more than 150 hours of work per annum; or
- (c) a University Research Assistantship, provided that the work undertaken in this capacity is focused on the topic of the holder's research degree study.

The status of the candidature must be affirmed in the form of a written declaration by the head of department, the supervisor(s) and the student.

A full-time candidate may hold a University postgraduate studentship or another postgraduate studentship or scholarship which is intended to enable him or her to study on a full-time basis.

Period of Study

Candidates pursuing MPhil or PhD studies are first required to register provisionally for the degree and their registration is subject to a probationary period specified below. At the end of this probationary period and after submission of a detailed scheme of research, the candidature shall be confirmed or terminated.

Degree	Full-time	
	Study period ⁺	Probationary period
MPhil	24 months	12 months
3-year PhD	36 months	12 months
4-year PhD	48 months	18 months

Degree	Part-time	
	Study period ⁺	Probationary period
MPhil	36 months	18 months
3-year PhD	54 months	18 months
4-year PhD	72 months	24 months

⁺ Students can submit thesis before the end of the study period.

MPhil students may apply for transfer to PhD after confirmation of candidature and after completion of coursework requirements, provided that such transfer is approved at least 3 months prior to the expiry of the MPhil candidature. PhD students may apply for transfer to MPhil within the first 12 months (3-year PhD) or 18 months (4-year PhD) of candidature, in the case of full-time students; or within the first 18 months (3-year PhD) or 27 months (4-year PhD), in the case of part-time students.

The results of the research must be presented in the form of a thesis, which will be examined by both internal and external examiners. In addition, candidates are required to take an oral examination. Other examinations may be prescribed if they are deemed necessary.

Fields of Study

Candidates may be accepted for research studies leading to the degree of MPhil or PhD by a teaching department of the University or by an academic centre/institute/school/unit. The principal areas of studies are listed in the chapters on the Faculties.

Schedule of Fees for 2007-2008 (in HK\$)

Application	\$150 (non-refundable)
Caution Money	\$350
Composition:	
full-time	\$42,100* p.a.
part-time	\$28,070* p.a.

*subject to revision

Fee Payment

The annual Composition Fee is normally payable in two instalments. Candidates are required to pay Composition Fee on first registration and thereafter during the period of study, and Continuation Fee quarterly thereafter if they are permitted or required to study beyond this period.

Coursework Requirement



The University of Hong Kong introduced compulsory coursework components in the MPhil and 4-Year PhD programmes in September 1999 and September 2001 respectively, with the aim of helping students' research work and preparation for writing their thesis. All MPhil and 4-Year PhD students are required to satisfactorily complete two Graduate School core courses, attend an induction seminar, and complete three to eight faculty/departmental courses before thesis submission. Students have to complete two Graduate School core courses, attend an induction seminar, and complete at least 50% of the faculty/departmental coursework requirements before the end of the probationary period.

Graduate School Coursework Requirement

The Graduate School Core Courses are meant to equip students with generic knowledge on thesis writing and research methodologies. These courses are not meant to provide students with discipline-specific knowledge which the faculty/departmental courses will be able to provide.

The Graduate School coursework requirements are as follows:

- Core Course I: Introduction to Thesis Writing
- Core Course II: Basic Research Skills and Methods (select 2 elective modules from the list below)
 - Making Your Writing Clear
 - Reporting on Other Researchers' Work
 - Effective Academic Presentations (Students from non-English speaking universities normally need to take a screening test before they are allowed to enroll in the module.)
 - Data Analysis
 - Transferable Skills
 - Ethics & Research
 - Logic & Critical Thinking
 - How to Publish your Research (The Humanities & Related Disciplines)
 - How to Publish your Research (The Science & Related Disciplines)
 - Basic Quantitative Research Methods
 - Intermediate Quantitative Research Methods
 - Qualitative Research Methods
- An induction seminar given by the Dean or an Associate Dean of the Graduate School

Faculty/Departmental Coursework Requirement

Faculty/Department/Centre	Compulsory Course(s) Required	Elective Course(s) Required
Faculty of Architecture		
Architecture	1	2
Real Estate & Construction	1	2
Faculty of Arts		
School of Chinese	3	1 or 2 subject to School's approval
School of English	2	3
School of Humanities		
- Discipline: Comparative Literature	0	3
- Discipline: Fine Arts	2	1
- Discipline: History	4	0
- Discipline: Linguistics	2	1
- Discipline: Music	4	0
- Discipline: Philosophy	2	1
School of Modern Languages and Cultures		
- Discipline: Japanese Studies	3	1

Faculty/Department/Centre	Compulsory Course(s) Required	Elective Course(s) Required
Faculty of Business & Economics		
School of Business	1	3
School of Economics & Finance	2	2 (MPhil) 4 (PhD)
Faculty of Dentistry		
	3	0
Faculty of Education		
- Division of Speech & Hearing Sciences	3	0
- All other Divisions	0	3
Faculty of Engineering		
Civil Engineering (All MPhil and PhD students except those who have already completed the MPhil degree at the Dept of Civil Engineering, HKU)	0	4
Computer Science	0	3
Electrical & Electronic Engineering	1	3 (MPhil) 4 (PhD)
Industrial & Manufacturing Systems Engineering	0	3
Mechanical Engineering	1	2
Faculty of Law		
	1	2
Faculty of Medicine		
	0	3
Faculty of Science		
Botany	1	2
Chemistry	1	2
Earth Sciences	2	1
Ecology & Biodiversity	3	0
Mathematics	1	3
Physics	1	2
Statistics & Actuarial Science	2	2
Zoology	1	2
Faculty of Social Sciences		
Politics & Public Administration	3	0
Psychology	4	0
	(8 for PhD in Clinical Psychology Educational Psychology)	
Social Work & Social Administration	2	2
Sociology	3	0
School of Geography	3	0
Teaching Centres and Institutes		
Centre of Asian Studies	1	2
Centre of Buddhist Studies	1	2
English Centre	1	2
Institute of Human Performance	0	3
Journalism and Media Studies Centre	2	3-4 units
Social Sciences Research Centre	1	2
Centre of Urban Planning & Environmental Management	1	2

Note: The above table shows the conditions for the 2006-07 academic year. The coursework requirement is subject to change from time to time.

3-year PhD Students

3-year PhD students are not required by the degree regulations and procedures to complete a coursework component. However, some Faculties/Departments may require 3-year PhD students to complete a number of courses as part of the degree requirement. Please consult the Faculty/Departmental Office for details.

3-year PhD students may take the courses offered to MPhil and 4-year PhD students if they find that they are relevant to their studies. Once they are officially enrolled in a course, they will be assessed like all other students in class and their results including failures will be printed on their transcripts.

Note: The Faculty of Engineering also requires 3-year PhD students in the Department of Civil Engineering (except those who have previously completed an MPhil degree in HKU's Department of Civil Engineering) and the Department of Electrical and Electronic Engineering to take compulsory coursework before thesis submission. Please contact the Office of the Faculty of Engineering for details.

Assessment

All courses/modules taken by research postgraduate students are assessed on a pass/fail basis. Students who fail a course at the first attempt may be re-examined in the same course or an alternative course as determined by the Faculty Higher Degrees Committees. A student who has not satisfied the examiners in any course (which, for this purpose, includes the alternative course) in a second attempt may be required to discontinue his or her studies.

Application for Exemption

Students who have successfully completed the required course(s) or equivalent(s), either from the University of Hong Kong or a comparable institution, may apply for exemption of one or more course(s). Students will need to produce documentary evidence of having attended and passed the relevant course(s) with an equivalent standing in the University or other recognized academic institution. Exemption from courses is subject to the approval of the Board of Graduate Studies on a case-by-case basis, taking into account individual circumstances.

Admissions



General Qualifications for Admission

The basic qualification necessary for admission to research postgraduate studies is a good honours degree from this University or an equivalent qualification from a comparable institution. In addition, certain degree courses have more specific requirements. Qualifying examinations to test the applicants' abilities to follow the prescribed courses and/or interviews may be conducted. Applicants with qualifications other than an honours degree are considered on their individual merits.

Applicants who wish to be admitted to higher degrees on the basis of a qualification from a university or a comparable institution outside Hong Kong where the language of teaching and/or examination is not English are required to obtain:

a minimum scores in the Test of English as a Foreign Language (TOEFL) as specified below:

Paper-based test	An overall score of 550 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 4 or above in the Test of Written English (TWE)
Computer-based test	An overall score of 213 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 4 or above in the Essay section
Internet-based test	An overall score of 80 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 25 or above in the Writing section

Applicants who took the TOEFL should request the Educational Testing Service (ETS) to send an official score report to the University direct. Original or certified copy of the Examinee's score record will not be accepted. For this purpose, the TOEFL code of the University is 9671 and please use 99 as department code for sending official score report to the HKU Graduate School. [It is a policy of the TOEFL Policy Council to validate scores which are obtained within a two-year period. The University therefore accepts this two-year validity rule in the

admission exercise]; or a minimum overall band of 6 with no subtest lower than 5.5 in the International English Language Testing System (IELTS) (applicants of admission to read for an MPhil or a PhD degree in the Faculty of Arts are required to obtain an overall band of 7 with no subtest lower than 5.5 in the IELTS); or

grade C or above in the Overseas General Certificate of Education (GCE); or

grade C or above in the International General Certificate of Secondary Education (IGCSE); or

grade C or above in the Cambridge Test of Proficiency in English Language (CPE);

unless in exceptional circumstances they are exempted from this requirement.

Since places for postgraduate studies are limited, it may not be possible to offer admission to all qualified applicants.

Application Procedures

The main round of applications for research degrees will be invited in late 2006. The closing date for this round will be **31 January 2007**. Clearing round applications may be invited in May and September 2007 if there are study places left. The closing dates for these rounds will be 31 May 2007 and 30 September 2007 respectively. Applicants are therefore advised to apply early. MPhil candidates may commence their studies on 1 September 2007 or 1 January 2008. Applicants who are unable to commence their studies on 1 September 2007 will be allowed to commence on 1 January 2008. Successful PhD applicants, however, may commence their studies on the first day of any calendar month during the academic year. Applications should be made at least three months before the intended date of registration, allowing extra time as necessary for visa and other formalities.

There are two ways for submitting an application:

By paper form

Application forms are obtainable from the Graduate School office (P403, Graduate House, HKU main campus) and the Academic Services Enquiry Office (UG05, Knowles Building, HKU main campus), and can

be downloaded from the Graduate School's website at www.hku.hk/gradsch. The completed application form should reach the Graduate School by the appropriate closing date.

By electronic form

Applicants can also submit their application form and pay the application fee online by credit card at www.hku.hk/gradsch/online. However, supporting documents must be submitted by mail, and reach the Graduate School by the appropriate closing date.

Application Form and Supporting Documents

Applicants should submit one complete set of application documents to apply for admission to the MPhil or PhD programme. Applicants who wish to apply for admission to more than one department should submit one complete set of application documents for each proposed department of study. The application documents include:

- (a) Application form (unless an electronic form has been submitted via the Online Application System)
- (b) Certificates and complete transcripts of undergraduate and postgraduate studies

Please submit officially certified certificates and complete official transcripts of your undergraduate and postgraduate studies. Documents which are not in English should be accompanied by a formally certified translation in English. If the policy of your institution is that the transcript should remain confidential, please request your institution to send it directly to the HKU Graduate School.

For current undergraduate or postgraduate students: it is to your advantage to submit an interim transcript showing the results of courses you have so far completed.

For qualifications obtained from HKU (except HKU SPACE): Certified certificates and official transcripts are not required but if you are a graduate, you are requested to submit a photocopy of the transcript with your application; if you are a current student, you are requested to attach a printout of your examination results from the Student Connect or a photocopy of your examination result slips.

- (c) Statement of research interest or research proposal

Whether a statement of research interest or a research proposal is required depends on your proposed programme and department of study. Please refer to the table at the end of this section for the requirements of individual Faculties. In general, a statement of research interest should include your reasons for undertaking graduate work at HKU while a research proposal should include the background, the objectives and the methodology/approach you propose to take in studying the subject matter.

- (d) Two academic referee's reports

Please invite two people who are familiar with your academic achievements to complete the academic referee's report form and send it directly to the Graduate School. Alternatively, you may request the referees to return the referee's report to you in a signed and sealed envelope, and send the unopened envelopes to the HKU Graduate School together with your other supporting documents.

- (e) Proof of payment of application fee (HK\$150 or US\$20) (unless payment has been made via the Online Application System)

Local applicants: Please deposit the amount to any branch of HSBC or transfer the amount to the account using the ATM machine (account no.: 002-222834-014 (Ref: 4001)) and submit the original customer copy of the Account Deposit Form or the ATM customer advice with your application.

Overseas applicants: Please pay by bank draft of HK\$150 or US\$20 payable to "*The University of Hong Kong*"

Note: Please write your full name and proposed department of study on the back of the pay-in-slip or bank draft for identification purposes. Cash will NOT be accepted.

Applicants who wish to apply via the Online Application System are required to pay the fee by credit card online.

- (f) Official score report of one of the following English language proficiency tests (for applicants from institutions outside HK where the language of instruction and examination is not entirely in English).

Please note the basic standards required by different faculties as indicated:

Test of English as a Foreign Language (TOEFL) taken within a two-year period:

Paper-based test	An overall score of 550 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 4 or above in the Test of Written English (TWE)
Computer-based test	An overall score of 213 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 4 or above in the Essay section
Internet-based test	An overall score of 80 or above Additional requirement for applicants to the Faculty of Arts except the Department of Chinese: 25 or above in the Writing section

Applicants should request the Educational Testing Service (ETS) to send an official score report to the University direct. Original or certified copy of the Examinee's score record will not be accepted. For this purpose, the TOEFL code of the University is 9671 and please use 99 as department code for sending official score report to the HKU Graduate School. [It is a policy of the TOEFL Policy Council to validate scores which are obtained within a two-year period. The University therefore accepts this two-year validity rule in the admission exercise], or

International English Language Testing System (IELTS) taken within a two-year period
Arts Faculty: Band 7 with no subtest lower than 5.5
Other Faculties: Band 6 with no subtest lower than 5.5

Overseas General Certificate of Education (GCE), International General Certificate of Secondary Education (IGCSE) or Cambridge Test of Proficiency in English Language (CPE)
All Faculties: Grade C or above

- (g) Official score report of the GMAT or GRE (taken within a five-year period) (ONLY for applicants to the School of Business) (Institution codes: GMAT – FS2 WL-48; GRE - 2482)
- (h) Official score report of the GRE Subject Test in Psychology (taken within a five-year period) with a minimum score of 550 (ONLY for applicants to the Department of Psychology if they do not have a first degree in Psychology) (Institution code: 2482)
- (i) Other documents

Other documents which the applicants would like to bring to the attention of the University, e.g. list of publications, documentary evidence of academic awards and professional qualifications, and summary of relevant experience

Applicants who submit their applications in hard copy are requested to attach all supporting documents. If some of the supporting documents are not ready or available at the time of submission of applications, they should send the documents to the Graduate School as soon as they are available with their full name in English, the proposed curriculum and department of study and application number (if known) clearly written on the top right hand corner of each document. Applicants who submit their applications in electronic form should submit such documents to the Graduate School by mail. In either case, all supporting documents should reach the Graduate School on or before the closing date and due allowance should be made for postal delays.

All documents submitted in support of an application will be destroyed if the application is unsuccessful. Do not send original or irreplaceable documents.

Concurrent Registration

Concurrent registration by a student of this University for another post-secondary qualification either at this University or at another institution is not permitted, unless approval of the Senate has been obtained in advance.

Faculties' Requirement regarding Submission of Statement of Research Interest & Research Proposal from MPhil/PhD Applicants [please download the relevant Form from www.hku.hk/gradsch/rpform]

MPhil	PhD
<p>Faculty of Architecture (including Centre of Urban Planning & Environmental Management)</p> <p>Research Proposal Form Form 274/504 Length No limit (about 1,000 words for applications to Department of Architecture) Format No specific requirement</p> <p>Faculty of Arts</p> <p>Research Proposal Form No standardized form Length 3 to 4 pages Format Double-spaced</p> <p>Instructions It should include a brief account of the applicant's academic history (including what he/she studied and what in particular has interested him/her, also, where relevant, the reason why he/she wants to undertake research at HKU) The proposal should set out the area of study he/she proposes to work in, and the research he/she intends to do in it. The Faculty understands that the proposal at this stage will be provisional, but it should show that the applicant knows something about the field, has started on the relevant reading, and has a sense of the interesting research questions and problems likely to be faced, of the methodology proposed and, if relevant, the resources required. The applicant should append a preliminary bibliography.</p> <p>Applicants are advised to visit the individual websites for the respective schools' guidelines on the format of research proposal required.</p>	<p>Faculty of Architecture (including Centre of Urban Planning & Environmental Management)</p> <p>Research Proposal Form No standardized form Length 4 to 5 pages Format Double-spaced</p> <p>Instruction It should outline a clearly-considered and defined research topic, with an account of research questions and methodology proposed, an explanation of the value and originality of the research and a bibliography.</p> <p>Applicants are advised to visit the individual websites for the respective schools' guidelines on the format of research proposal required.</p>
<p>Faculty of Business & Economics</p> <p>Statement of Research Interest</p>	<p>Research Proposal Form Form 273/504 Length 6 to 8 pages Format Double-spaced, font size 12 point</p>
<p>Faculty of Dentistry</p> <p>Research Proposal Form Form D 82/903 Length 1 to 2 pages (500-1000 words), A4 papers Format Single-spaced, font size 11 or 12 point</p> <p>Faculty of Education (including English Centre and Institute of Human Performance)</p> <p>Research Proposal Summary Form Form 271/504 Length 4 pages Format No specific requirement</p> <p>Important notes All MPhil/PhD theses should be written in English. However, under exceptional circumstances, special approval to write a thesis in Chinese may be granted when all the following criteria are met:</p>	<p>Research Proposal Summary and a Detailed Research Proposal</p> <p>(a) Research Proposal Summary Form Form 271/504 Length 4 pages Format No specific requirement</p> <p>(b) Detailed Research Proposal No predetermined format (around 20 pages)</p>

MPhil	PhD
<p>i) The research topic focuses specifically on the Chinese language, Chinese literature, Chinese culture, and/or Chinese language teaching and learning; and</p> <p>ii) The central contribution of the research findings is to the body of literature in Chinese of Chinese language learning and teaching; and</p> <p>iii) Being obliged to write the thesis in English would adversely affect the conceptual and theoretical development of the study.</p> <p>Applications to write a thesis in Chinese should be submitted at the time of application for admission.</p>	<p>Important notes: All MPhil/PhD theses should be written in English. However, under exceptional circumstances, special approval to write a thesis in Chinese may be granted when all the following criteria are met:</p> <p>i) The research topic focuses specifically on the Chinese language, Chinese literature, Chinese culture, and/or Chinese language teaching and learning; and</p> <p>ii) The central contribution of the research findings is to the body of literature in Chinese of Chinese language learning and teaching; and</p> <p>iii) Being obliged to write the thesis in English would adversely affect the conceptual and theoretical development of the study.</p> <p>Applications to write a thesis in Chinese should be submitted at the time of application for admission.</p>
<p>Faculty of Engineering</p>	
<p>Research Proposal Form: Form 272/504 Length: No limit Format: No specific requirement</p>	
<p>Faculty of Law</p>	
<p>Research Proposal Form: Form 272/504 Length: 4 pages Format: No specific requirement</p>	<p>Research Proposal Form: Form 272/504 Length: No limit Format: No specific requirement</p>
<p>Faculty of Medicine</p>	
<p>Statement of Research Interest</p>	<p>Research Proposal Form: Form 272/504 Length: No limit Format: No specific requirement</p>
<p>Faculty of Science (including the Swire Institute of Marine Science)</p>	
<p>Statement of Research Interest</p>	<p>Research Proposal Form: No standardized form Length: No limit Format: No specific requirement</p>
<p>Faculty of Social Sciences (including Centre of Asian Studies, Centre of Buddhist Studies, Journalism & Media Studies Centre and Social Sciences Research Centre)</p>	
<p>Research Proposal Form: Form 272/504 Length: No limit Format: No specific requirement</p>	

Overseas Applicants



Cost of Living

Overseas applicants offered places may be required to show that they are able to support themselves financially throughout the course before they are allowed to commence their studies. It is very difficult to provide a precise estimate of the likely cost because it will vary from one person to another depending on the type of accommodation selected and other factors. Usually, the postgraduate studentship is sufficient to cover food, lodging, general living expenses and tuition fees.

Accommodation

Postgraduate residences are available on campus or nearby and applications from overseas students are welcome. Students should contact the postgraduate residences directly for enquiries on vacancies and booking. Competition for places, however, is keen. For those unable to secure a residential place on campus, rental accommodation in the open market is also available. Admission to the University does not provide any guarantee of accommodation, which remains the responsibility of each student. It is therefore in the interest of overseas students to make definite arrangements for accommodation before arrival. Overseas students are advised to consult the Office of Student Affairs on accommodation matters. Information on accommodation options for non-local students is available from the Office of Student Affairs website:
http://www.hku.hk/osa/nonlocal_students/accommodation/accpag.htm.

Visa

All non-local students must obtain a visa in order to study in Hong Kong.

Students from overseas

Applications should be made at least two months in advance at the local Chinese Embassy. All applicants for a student visa for the HKSAR are required to have a local sponsor. Students coming to HKU should request the Office of Student Affairs to be the visa sponsor by

completing the visa sponsorship application form obtainable from the Office of Student Affairs. A cost recovery handling charge is required. The visa sponsorship application form can also be downloaded from Office of Student Affairs' website. If students have difficulties in submitting their visa applications to the Chinese Embassy, they should contact the Office of Student Affairs for advice and assistance.

PRC Students

PRC students (with the exception of those with overseas permanent residency) must submit the student visa application and visa sponsorship application via the Office of Student Affairs.

Visa Application Procedures

For details on the visa application procedures, please visit the Office of Student Affairs' website:
http://www.hku.hk/osa/nonlocal_students/visa.htm.

Hong Kong Identity Card

All non-Hong Kong students who intend to stay for more than 6 months should obtain a Hong Kong Identity Card after their arrival.

Other Information

The following booklets are available for overseas students:

- (a) **Preparatory Guide for International Students** - for potential applicants; and
- (b) **Guide for Newcomers** - for collection by students on arrival.

Copies of these booklets can be viewed on-line: http://www.hku.hk/osa/non_local_students.html and are available from the Office of Student Affairs, 3/F, Meng Wah Complex. (Fax: 852-2546-0184; Email: supportu@hku.hk)



Awards and Financial Assistance

Postgraduate Studentships

The purpose of Postgraduate Studentships is to provide selected students with financial assistance in the form of a scholarship to study full-time for the degrees of MPhil or PhD during the prescribed periods of study.

Full-time MPhil and PhD students who hold a first degree at second class honours first division (or equivalent) or above are normally considered eligible for receiving Postgraduate Studentships during the normative study period. The University's Board of Graduate Studies, which has sole and absolute discretion in granting the award of the Postgraduate Studentship, may also take into consideration the candidates' results in Master's degrees. Studentships are tenable on an annual basis and are renewable upon satisfactory academic progress having been made and the availability of funding. A Postgraduate Studentship holder may be required to undertake, under supervision, duties which carry educational benefits for the holder, as prescribed by the Head of the Department, Unit, Centre, School or Institute in which the holder is registered. The amount of such work shall not exceed 100 hours in any full twelve-month period (or pro rata if the period is less than twelve months). The undertaking of this work forms a part of the Studentship contract covered by the value of the Studentship, and no other payment for these hours of work may be made to a Studentship holder.

The basic stipend amount is presently (for the 2006-2007 academic year) HK\$12,500 per month. A higher rate may be paid, at the discretion of the department in which the studentship holder is registered. In return, the studentship holder may be required to work additional hours, up to a maximum of a further 150 hours per annum. The annual value of the Studentships shall be determined by the University from time to time. There are at present 4 levels of stipend, ranging from HK\$12,500 to HK\$14,600 per month.

The work undertaken in this capacity shall be relevant to the holder's research training, beneficial to his/her studies and subject to the concurrence of the supervisor(s). The holder shall not otherwise undertake any employment either within or outside the University during tenure of the Studentship. The nature of the duties shall normally be:

- (a) assistance with research;
- (b) assistance with scheduled laboratory, studio and fieldwork classes and with tutorials;
- (c) assistance with the preparation of materials for scheduled classes;
- (d) assistance with marking practical notebooks and answers from exercise classes; and
- (e) assistance with invigilation of University degree examinations.

Further details of the Postgraduate Studentship regulations are available on the website: <http://www.hku.hk/gradsch/pdfs/PGS-regulations.pdf>.

University Postgraduate Fellowships

University Postgraduate Fellowships (UPF) are available for selected full-time PhD candidates with excellent academic record. The Fellowship is worth \$70,000. This is awarded on-top of the Postgraduate Studentship. Applicants in their final year of study may also apply for the Fellowship. The deadline for application is **31 January 2007**.

There is no separate application form for UPF. Applicants are required to indicate their wish for applying for the UPF by ticking a box in the application form for admission and to submit a short essay on why they think they should be awarded the Fellowship.

Academic Awards

The University administers a number of scholarships which are awarded to postgraduate students for outstanding academic achievements. Applications for postgraduate scholarships will be invited from eligible students at various times throughout the year, and invitations for applications will be posted around the campus to notify students when such opportunities arise.

Government Grants and Loans

Students admitted to a UGC funded full-time curriculum who need financial assistance for their studies at the University may apply to the means-tested loans and grants scheme administered by the Student Financial Assistance Agency. To qualify for assistance, a student must have the right of abode in Hong Kong or have resided in Hong Kong continuously for three years prior to admission to the University. (Please note that students staying in Hong Kong holding student visas do not count as continuous residents.) The value of their Postgraduate Studentships will be counted as their income. To apply for assistance, students should

- (a) obtain an application form from the Office of Student Affairs, or the Student Financial Assistance Agency, 11/F & 12/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon, and
- (b) submit the completed form within one month following the commencement of the course to the Office of Student Affairs

A non-means tested loan scheme is also available for application by both full-time and part-time students who meet the residency requirements. Application forms are also obtainable at the Office of Student Affairs.

University Financial Assistance

University funds are in general used to supplement government grants and loans. A limited number of means-tested bursaries and loans are available to local full-time students who are in financial need. However, these are of very limited value, and should not be seen as an alternative to Government support. The value of students' Postgraduate Studentships will also be counted in the assessment of their needs. Applications are invited in early September each year. Students facing urgent financial hardship may however apply for emergency assistance any time during the year. For enquiries, please contact the Office of Student Affairs.

FACULTY OF Architecture



The University of Hong Kong started to provide professional education in architecture in 1950. Since then, the teaching of architecture has grown steadily and diversified to include, in 1975, a building programme, which later developed into the current surveying programme. As part of this continuing development, the Faculty of Architecture was established in 1984 from the former School of Architecture.

The Faculty of Architecture is the unit of The University of Hong Kong that introduces students to the life-long process of learning through the lens of professional concerns specific to the education of architects and surveying professionals, while simultaneously extending those areas of knowledge represented within the Faculty into a range of other disciplines. The two Departments, Architecture and Real Estate and Construction, cover the traditional areas of knowledge necessary for designers to practice Architecture in the areas of building design, urban design and planning, conservation and landscape design, and Surveying in relation to the management of land, real estate and construction. The Departments also cover a broad range of topics that are necessary for the well-educated architect or surveyor, such as building technology, the history and theory of architecture, and environmental concerns, real estate valuation project management, construction strategies, cost control and property maintenance, etc. In addition, several areas emerging as integral to current architectural practice are becoming increasingly important within the curriculum: computer-aided design, imaging, and manufacture; international aspects of practice; and new building methods and materials.

The Faculty offers professional programmes that place a premium on the development of analytic and design skills and, at the same time, provide students with a solid foundation in areas of technology and the history and theory of the environment. Moreover, central to the Faculty philosophy is the view that no area of knowledge necessary for the work of a professional should be seen as supplementary to any other; therefore, the two Departments and subsidiary Programmes, with their emphasis on design instruction and its related technical and professional concerns, provide a structure in which design is understood as a mode of knowledge in itself, a synthetic center that joins social, environmental, technical, and cultural questions into an understanding of buildings, cities, and landscapes.

In summary, it is the aim of the Faculty to provide a collegial environment which equips students with intellectual and professional skills for identifying, defining, and solving problems in an innovative and creative manner by creating a dynamic teaching and learning environment to enable students to examine critically land conversion issues from more systematic and varied perspectives. The goal is to produce well-rounded graduates with depth of knowledge, critical and creative minds, and professional skills.

Research in Architecture

The Department proposes to focus a major share of its research efforts in the medium term on the fields of research listed below, with a view to gradually developing international level expertise.

- (a) Architectural theory & history, with particular attention to traditional Chinese vernacular architecture.
- (b) Environmental controls & sustainable building, with particular attention to sustainable construction, daylight & energy efficient design in a high density urban environment.
- (c) The living environment, with particular reference to issues of housing in a high-density of urban environment.
- (d) Landscape architecture.
- (e) Urban design & urban studies.

There are currently over 40 students registered for higher research degrees in architecture.

In 1999, the Department Research Postgraduate Committee (DRPC) was set up in accordance with university-wide procedures. From 2000-01, the Department has been offering a compulsory course on research methodology: Seminars for research students (2 units). The Department's Homepage contains details of research topics of current students, as well as research interests and publications of potential supervisors and other relevant information.

Research in Real Estate and Construction

Hong Kong is the hub of Southern China, as well as a major contributor to the economies of the wider East Asian region. With a rich cultural background, a well-established socio-economic institutional framework,

and a new identity as a Special Administrative Region in a growing Chinese economy, Hong Kong benefits from being both at the centre and the head of the rapidly developing Asian economies.

The real estate and construction industries have been major components of Hong Kong's economy since the 1970s. With continuing commitment from the government, as well as investment from international consortia, demand for more sophisticated real estate and construction services is rapidly increasing as urban development in the city advances. As the economy develops, the real estate and construction industries are also becoming increasingly intertwined with other sectors of the economy. Graduates with backgrounds in these other sectors are finding it increasingly important to equip themselves with value-added knowledge in the real estate and construction fields. The Department of Real Estate & Construction at the University of Hong Kong offers research postgraduate programmes that aim to contribute broadly to the advancement and sustainability of urban society through all aspects of the land conversion process.

Department of Architecture

<http://arch.hku.hk/>

Major Research Areas

Architectural theory & history, with particular attention to traditional Chinese vernacular architecture; environmental controls & sustainable building, with particular attention to sustainable construction, daylight & energy efficient design in a high density urban environment; the living environment, with particular reference to issues of housing in a high-density of urban environment; landscape architecture; urban design & urban studies.

Postgraduate Admissions Advisor

Mr S.S.Y. Lau

Tel: 2859 2133

Fax: 2559 6484

Email: ssylau@hku.hk

Department of Real Estate & Construction

<http://hkusury2.hku.hk>

Major Research Areas

Real estate, land and construction economics; regional economics; real estate investment and finance; law and the real estate industry; resource and facilities management, land administration, project and general management in construction; safety management in construction; information management in construction; transaction cost economic analysis of the land; planning, development, and construction economics and management; institutional and cultural analysis of planning, development, and construction; building performance; health, safety, and environmental

assessment of buildings, districts, and regions; externalities and innovations in planning and development; planning by contract; planning and development policies, procedures and law in terms of neo-institutional economics; feminism in planning, development and construction; professional ethics of planning, development, and construction; banking law and the real estate market; structural analysis of real estate and construction industries in the People's Republic of China and Southeast Asia; cultural studies in real estate and construction; positive and normative inquiries into development issues of globalization and sustainable development.

Departmental Requirement

Presentation of a paper to faculty staff and research students.

Postgraduate Admissions Advisor

Professor Lawrence W.C. Lai

Tel: 2859 2146

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Email: reco@hku.hk



FACULTY OF Arts

The Faculty of Arts was founded in 1912 and is one of the oldest and largest faculties in the University. It presently consists of the following Schools:

School of Chinese (Chinese Studies, Chinese Language Division, and Chinese Language Enhancement Programme)

School of English (English Studies, and Language & Communication Programme)

School of Humanities (Comparative Literature, Fine Arts, History, Linguistics, Music, and Philosophy disciplines)

School of Modern Languages and Cultures (Japanese Studies, Language Centre, American Studies, and European Studies Programmes)

Postgraduate Studies by Research (MPhil/PhD)

Schools are able to offer supervision in a wide range of areas of study, and details of the main areas are given later in this section. In 2006 the Faculty had approximately 250 registered research postgraduate students.

School of Chinese

<http://www.hku.hk/chinese>

Major Research Areas

Chinese language:

We welcome applications in research areas concerning the Chinese language, including but not limited to, synchronic and diachronic studies on the phonology, syntax, semantics and etymology of classical Chinese, modern Chinese and the Chinese dialects.

Chinese literature:

We welcome research applications in the areas of classical, modern and contemporary Chinese literature, including prose, poetry, fiction, *xiqu* and literary criticism.

Chinese history:

The School of Chinese is renowned for its historical research in imperial China, especially the Ming and Qing periods. Areas of specialization include political history, intellectual history, history of science and technology, legal systems, political institutions, examination and education systems and historiography.

Chinese culture:

The School of Chinese has a distinguished track record of excellence in the teaching of Chinese culture. Topics include traditional and twentieth-century Chinese culture, Christianity and Chinese culture and Chinese civilization.

Chinese thought:

Applications in any area of Chinese thought will be considered. Our teachers in the field specialize in Confucianism and Buddhism.

Translation:

We will consider research applications in any area of translation and interpreting. Our teaching staff have however active specializations in the following: translation criticism, translation theories, the linguistic and cultural dimensions of the translation practice, translators' strategies and translations of the Ming-Qing period.

School Requirement

Each student will normally be required to make a presentation in a research seminar during his or her course of study.

Postgraduate Admissions Advisor

Dr Y.F. Yeung

Tel: 2859 7925

Fax: 2858 1334

Email: yfyeung@hkucc.hku.hk

School of English

<http://www.hku.hk/english>

Major Research Areas

English language and linguistics:

English linguistics; semantics and pragmatics; discourse analysis; sociolinguistics; world Englishes; English in Hong Kong and Asia; critical linguistics; language and politics; language and the law; history of linguistics; orientalism and linguistics; literary linguistics.

Literary studies in English:

Renaissance literature and Shakespeare; romanticism; the English novel; modernism; postmodernism; postcolonial literatures; literary history; colonial discourse analysis; western images and ideas of China; feminist approaches to literature; American literature; Asian-American studies; contemporary British fiction; critical theory; cross-cultural studies; literature and film; travel writing; creative writing, drama.

School Requirement

Students are required to present a research seminar.

Postgraduate Admissions Advisor

Dr O. Heim

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Email: oheim@hkucc.hku.hk

School of Humanities**Comparative Literature discipline**

<http://www.hku.hk/complit>

Major Research Areas

Topics in comparative literature and cultural studies: Anthropology of culture; architectural theory and criticism; avant-gardes in literature, film, architecture and the visual arts; Chinese Modernism; colonialism and postcolonialism; comparative poetics; comparative studies in Chinese/English poetry; critiques of space; cultural identity and representation; dance theory; East-West comparative literary/cultural relations; world cinemas; feminism and psychoanalytic approaches to literature; feminist cultural studies; feminist film theory; feminist and postcolonial theories; film studies and film language; French philosophy and theory; gender and sexuality; German philosophy and theory; Hong Kong cinema, culture and literature; interactive technology; literary and cultural theory/philosophy; Chinese, British, European and American literature of all periods; literature and film/myth/sociology; modernism; multimedia studies; narrative theory; new media technologies and aesthetics; nineteenth-century studies; opera and cultural studies; performance studies; popular culture; postmodernism; problems of aesthetics; psychoanalytic theory; reception studies; semiotics; surrealism; East-West culture from the early modern period to the present; technology and the body; theatre; theories of representation; theories of romanticism and postmodernism; contemporary visual art; third world cinemas; violence and space; virtual reality and cyberspace; Walter Benjamin; women's writing and women's studies.

Discipline Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Dr. G. Marchetti

Tel: 2859 8900

Fax: 2857 7955

Email: marchett@hkucc.hku.hk

Fine Arts discipline

<http://www.fa.hku.hk/>

Major Research Areas

History and theory of modern Chinese art; European art and architecture from the Renaissance to the present day; American art; Indian art; cross-cultural studies in art and architecture; art theory; Hong Kong art; women's studies and the visual arts; art and colonial/postcolonial culture.

Discipline Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Miss Y.W. Koon

Tel: 2859 2899

Fax : 2548 0987

Email: finearts@hkusua.hku.hk

History discipline

<http://hkuhist2.hku.hk/history>

Major Research Areas

Modern Chinese history (politics, society, economics, culture and foreign relations of China); Hong Kong; urban history; diplomatic history; early modern and modern European history; United States history; early modern English history; modern British history; history of youth; history of sports.

Discipline Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Dr P.A. Cunich

Tel: 2859 2861

Fax: 2858 9755

Email: history@hkucc.hku.hk

Linguistics discipline

<http://www.hku.hk/linguist>

Major Research Areas

Phonetics; phonology; morphology; syntax; lexical functional grammar; semantics; lexicology and lexicography; pragmatics; sociolinguistics; conversation analysis; language and literacy; computational linguistics; corpus linguistics; language typology; dialectology; comparative grammar; Chinese and English contrastive grammar; psycholinguistics; neurolinguistics; and linguistic analysis of Chinese, Cantonese, African, European and South East Asian languages.

Discipline Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Dr L.H. Tan

Tel: 22415890/2857 8606

Fax: 2546 4943

Email: tanlh@hku.hk

Music discipline

<http://www.hku.hk/music/>

Major Research Areas**Musicology:**

Historical, theoretical, and anthropological approaches to music research; classical, traditional, and popular idioms of various regions in East Asia, particularly China and

Hong Kong, other Asian regions, particularly the Philippines, as well as Western cultures (France, Germany, Italy, the Low Countries, and North America); music in film and other media; manuscript and source studies, aesthetics, ethnography, the psychology of music, and the sociology of music.

Composition:

Guidance in musical composition using a great variety of media, including voice, musical instruments of Western and Asian cultures, other acoustic and electro-acoustic instruments; specialisation in computer-assisted musical creativity; exploration of various musical styles and idioms, including popular and commercial musics.

Discipline Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Dr G. Biancorosso

Tel: 2241 5209

Fax: 2858 4933

Email: rogopag@hku.hk

Philosophy discipline

<http://www.hku.hk/philodep/>

Major Research Areas

Mind, knowledge and reality:

The School can offer supervision in selected topics in the philosophy of mind and cognitive science, especially on consciousness, the philosophy of language, and also Chinese and comparative perspectives on mind and language. Other possible research topics include epistemology and metaphysics, the philosophy of logic and critical thinking.

Contact Persons

Dr J. Lau

Tel: 2859 2796

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Email: jyflau@hku.hk

Dr P. Hawley

Tel: 2859 2796

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Email: patrick@hkucc.hku.hk

Moral and political philosophy:

The School has strong and broad expertise in the fields of moral and political philosophy. We can supervise work in the areas of meta-ethics; applied ethics; environmental ethics; Chinese ethics; and ancient and modern Western ethics. Past students have worked on topics ranging from Mencius and Aristotle to Scanlon and Deleuze. In the area of political philosophy, we can supervise students in topics including the 'rule of law' in ancient China, Rousseau and the social contract, social justice, and liberal theory, and on philosophers such as Aristotle, Marx, Nietzsche and Foucault.

Contact Persons

Dr T. O'Leary

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Professor J. Ci

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Email: jiweici@hkucc.hku.hk

History of philosophy:

The School can offer supervision to students working in a wide range of topics in the history of philosophy. We have particular expertise in classical Chinese philosophy (Daoism and Confucianism) and we encourage comparative approaches to the study of this period. In Western philosophy we have special strengths in ancient philosophy (especially Aristotle) and in modern and contemporary European philosophy, including early modern and Enlightenment thinkers (e.g. Rousseau) and also post-Nietzschean French and German philosophy.

Contact Person

Dr A. Cook

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Email: cookga@hkucc.hku.hk

Chinese philosophy:

The School has a strong tradition in research and supervision of postgraduate work in Chinese philosophy, including schools of thought such as Confucianism, Neo-Confucianism, and Daoism; fields of study such as metaphysics, ethics, and political philosophy; and major issues such as the place of Confucianism in the modern world. We also have strengths in the comparative study of Chinese and Western philosophy.

Contact Persons

Professor C. Hansen

Tel: 2859 2796

Fax: 2559 8452

Email: chansen@hku.hk

Dr M. Martin

Tel: 2859 2796

Fax: 2559 8452

Email: martinmr@hkucc.hku.hk

Discipline Requirement

MPhil - The research proposal for the MPhil should be 3-4 pages double-spaced. It should set out the field you want to work in (e.g. political philosophy), the specific topic you intend to pursue in it (e.g. global justice), and why you consider the topic interesting and significant. A good proposal will show that the applicant has some acquaintance with the essential literature on the topic (e.g. John Rawls, Charles Beitz, and Thomas Pogge on global justice) and has some sense of what the interesting questions are and where research on them might lead. You should attach a brief bibliography (1 page double-spaced).

PhD - The research proposal for the PhD should be 4-5 pages double spaced. It should set out the field you want to work in, the specific topic you intend to pursue in it, and why the topic is significant and promises original research. A good proposal will show that the applicant has extensive up-to-date knowledge of research on the topic, is well acquainted with the essential literature in the field, and has a clear sense of what the interesting questions are and where research on them might lead. You should attach a brief bibliography (2 pages double-spaced).

Postgraduate Admissions Advisor
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School of Modern Languages and Cultures

Japanese Studies discipline

<http://www.hku.hk/japanese>

Major Research Areas

Gender in Japan:

Women's status and roles in various walks of life; gender socialization; housewives; female workers.

Languages of Japan:

Japanese syntax and morphology; comparative studies of Japanese phonology.

Education in Japan:

Most areas of contemporary education in Japan, including contemporary educational reform, primary and secondary education (especially history, literature and maths teaching), and education and gender.

Suggestions for thesis topics can be found elsewhere on the School's website.

Literature:

Most areas of modern and contemporary Japanese literature and *monogatari* in classical Japanese literature.

Japanese management:

Japanese business, especially Japanese companies in Taiwan, Hong Kong and Mainland China.

Japanese popular culture and products in Asia:

Japanese popular culture and products, and their spread in Asia.

The media and Japan:

Consumption of Japanese TV entertainment programs in Asia; coverage of international media events.

Postgraduate Admissions Advisor
 Dr P. Cave
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 Email: petercav@hkucc.hku.hk

FACULTY OF Business & Economics



The Faculty of Business and Economics was established in January 2001 as the University's tenth faculty, embracing the School of Business and the School of Economics and Finance. The establishment of the Faculty symbolizes the University's commitment to education in these areas. Both Schools in the Faculty offer research programmes leading to the degrees of MPhil and PhD. In addition, the Faculty offers a variety of taught master programmes, including Master of Business Administration, Master of Business Administration (International), Master of Finance and Master of Economics. All these programmes are designed to provide students with a deep understanding of the key aspects of the fields of business and economics. Students are introduced to basic research tools in their fields and are expected to be able to conduct independent research relevant to their specialties. Through regular interactions with faculty members, students also acquire a broader perspective on management and economic issues of the region and beyond. The Faculty has eight research centres, which provide a platform for students to apply theories into practice.

The Faculty places great emphasis on network building and extends linkages with key business communities in Asia through its consulting and executive teaching projects and through its alumni.

School of Business

<http://www.business.hku.hk>

Major Research Areas

Management:

Asian/Chinese business organization and management practice; organizational learning; human resource strategies; organizational behavior of employees; entrepreneurship; leading change and growth in Chinese firms; network organizations; cross-cultural management.

Contact Person

Prof. Simon Lam

Tel: 2859 1008

Fax: 2858 5614

Email: simonlam@business.hku.hk

Accounting (only PhD students will be admitted):

Production and use of accounting information; relationship between financial information and stock prices; voluntary disclosure and earnings management behaviour of corporate managers; enterprise governance; performance measurement; inventory and supply chain management; international accounting and auditing related issues.

Contact Person

Professor Amy Lau

Tel: 2857 8369

Fax: 2858 5614

Email: ahlau@business.hku.hk

Finance:

Corporate finance; asset pricing theories; portfolio analysis; financial institutions; fixed-income securities; derivative securities; exotic options; international finance; risk management; capital market microstructure; Asian financial markets; econometric applications in finance.

Contact Person

Professor Eric Chang

Tel: 2241 5138

Fax: 2858 5614

Email: ecchang@business.hku.hk

Corporate strategy and business environment:

Management and strategy; international business; economics of organization and strategy; organization and strategy in Chinese economy; business economics; competitiveness of Chinese economy; regional clustering and development; international competitiveness; international competition and strategy; strategy and its execution; multinational enterprises.

Contact Person

Professor Zhigang Tao

Tel: 2857 8223

Fax: 2858 5614

Email: ztao@business.hku.hk

China marketing and services marketing:

China Marketing

High-performance firms in China: marketing orientation, product innovation and channel capabilities; changing institutional environment and firm dynamic capabilities; organizational learning and development of core competencies.

Global firm operations and globalization of Chinese firms; FDI flows and their impacts on home country factors; diversification and strategies of global brands in China; globalization of Chinese firms; branding strategies. Sociology of consumption: materialism; impacts of globalization on consumption values; consumer aspirations; consumption strategies and consumers in transition.

Contact Person

Professor David Tse

Tel: 2859 1010

Fax: 2858 5614

Email: davidtse@business.hku.hk

Services Marketing

High Performance Service System: Design, quality and key processes; firm orientations; innovations in services and channel capabilities.

Branding and Growth: service as brands; operational competence; growth and globalization Hong Kong firms.

Consumer Satisfaction and Service Delivery Systems: customer satisfaction; consumer participation; staff-customer relationship; consumer captivity; loyalty and switching; involvement/emotional attachment to service firms.

Contact Person

Dr Bennett Yim

Tel: 2857 8343

Fax: 2858 5614

Email: yim@business.hku.hk

MIS:

Electronic commerce and its impact on procurement; electronic catalogs; enterprise resource planning; global electronic commerce; groupware and workflow management; hypermedia and web design; information system evaluation; information systems/technology adoption and implementation; information presentation and model visualization; IT-based supply chain management; internet navigation and information retrieval; management of technology and innovation; system development methodologies.

Contact Person

Professor Ali Farhoomand

Tel: 2859 7069

Fax: 2858 5614

Email: ali@business.hku.hk

Postgraduate Admissions Advisor

Dr Derek Chan

Tel: 2857 8357

Fax: 2858 5614

Email: derekchan@business.hku.hk

School of Economics and Finance

<http://www.econ.hku.hk>

Major Research Areas

Asian financial institutions; China's economy; China's financial markets and institutions; econometrics; economic development; economic policy; economics of transition; economy of Hong Kong; financial economics; game theory; industrial organisation; international trade and finance; labour economics; macroeconomics; mathematical economics; monetary theory and banking; new institutional economics; political economy; price theory; public finance; transportation economics; urban economics.

Postgraduate Admissions Advisors

Dr F.M. Song

Tel: 2241 5750

Fax: 2548 1152

Email: fmsong@econ.hku.hk

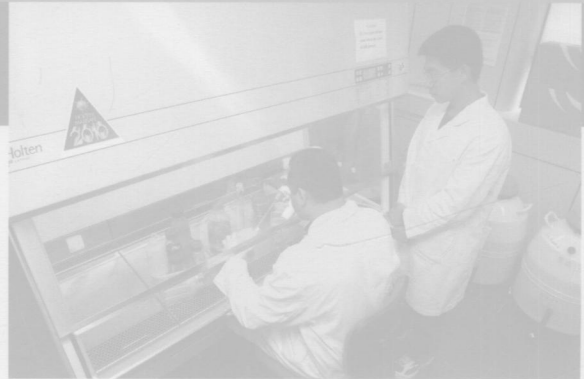
Miss Amy Chiang

Tel: 2241 5750

Fax: 2548 1152

Email: amy@econ.hku.hk

FACULTY OF Dentistry



The Faculty is the sole institution in Hong Kong dedicated to training dental undergraduates and postgraduates. It aspires to become Asia's leading dentistry faculty, through innovative and cutting edge research, and world class postgraduate training. (<http://www.facdenthk.org/index.asp>)

The Faculty of Dentistry offers both MPhil and PhD programmes in both full-time and part-time mode. The MPhil is a two-year programme and PhD is a four-year programme for the full-time students, while the part-time students need to lengthen the course correspondingly. MPhil students graded as excellent in the first year may elect to switch to a PhD programme on the recommendation of the supervisor.

The University of Hong Kong requires the applicants for its research postgraduate programmes to be both proficient in English (TOEFL with a paper-based score of not less than 550 or a computer-based score of not less than 213 or an Internet-based score of not less than 80) and to have an excellent academic standard from their previous undergraduate and postgraduate (master degree for PhD application) courses. An applicant should study the postgraduate prospectus of the Faculty of Dentistry carefully (<http://www.hku.hk/rss/pp2007/dentistry.htm>) and identify any research areas or faculty research groups that he/she is interested in and then contact the respective research postgraduate (RPG) advisor or research group convenor in order to design a research proposal jointly with the recommended research supervisor. The completed application form should be submitted together with the research proposal to the Graduate School for consideration by the Faculty Higher Degrees Committee. (<http://www.hku.hk/gradsch/admis>)

The Faculty Higher Degrees Committee will consider each application carefully and place the endorsed applicants in the waiting list for admission. The University will allocate a research student quota to the Faculty around March each year. The applicants in the waiting list will be prioritized and the offer for admission will be sent to the selected applicants. Full time research students will be eligible to apply for postgraduate studentships as a form of scholarship to help their living expenses in Hong Kong during their study. Postgraduate studentships will be awarded based on academic merit and to students in need of financial support. The enrollment date of the research postgraduate will be from July onwards every year.

Any university graduates, not only dental graduates, may contact any of the advisors below and formulate a research proposal in support of their applications.

Faculty Research Groups:

Biomedical and Tissue Engineering Research Group

The principal research focuses are:

- Micro-array of growth factors regulating jaw growth
- Soft and hard tissue reconstruction of upper and lower jaws
- Dentinogenesis, phosphoproteins and CIF
- Identifying growth factors controlling asymmetrical growth of the mandible
- Bonding agents to both dentine and enamel
- Distraction osteogenesis
- The role of tissue inhibitor of metalloproteinases and the role of angiogenic mediator in regulating the healing of bone grafts
- Dental biomaterials
- 3-dimensional imaging
- Immediate loading implants
- Nerve regeneration following injury

Group convenor

Professor A.B.M. Rabie

Email: rabie@hkusua.hku.hk

Infection & Immunity Research Group

The principal research focuses are:

- Oral microbiology of compromised individuals including the HIV-infected, diabetics, the irradiated and renal transplant cohorts
- Molecular pathogenesis and epidemiology of oral candida infections
- Basic and applied research on microbiological profiles, and the molecular mechanisms of bacteria-host interactions in subjects with periodontal diseases
- Bio- and genetic markers for periodontal diseases
- *In vitro* studies on microbiological biofilm
- Development of appropriate therapeutic modalities in controlling periodontal diseases
- The application of traditional Chinese medicine in oral health care.

Group convenor

Dr L.J. Jin

E-mail: ljjin@hkusua.hku.hk

Public Health and Healthy Ageing Research Group

The principal research focuses are:

- Epidemiology of oral diseases
- Clinical trials on innovative preventive methods and treatments of oral diseases
- Assessment of oral therapy outcomes using clinical and patient-centred measures
- Prevention and treatment of oral diseases in medically compromised individuals
- Oral health care services, manpower issues and utilization of services
- Functional and psychosocial impact of oral diseases
- Traditional Chinese medicine in the treatment of oral diseases

Group convenor

Professor Anne S. McMillan

E-mail: annemcmillan@hku.hk

Specialty Research Areas**Endodontics:**

Efficacy of root canal preparation techniques; mechanical and fatigue properties of root canal instruments; treatment outcomes of various form of endodontic therapy; clinical and laboratory studies of endodontic restorative materials.

RPG Advisor

Dr G.S.P. Cheung

Tel: 2859 9013

Fax: 2559 9013

Email: spcheung@hkusua.hku.hk

Dental Materials Science:

Design and interpretation of test methods in materials science; saliva chemistry; chemical equilibrium and solution speciation computation; mechanical properties of materials; dental procedures, equipment and materials: chemistry, physics, mechanics.

RPG Advisor

Professor B.W. Darvell

Tel: 2859 0303

Fax: 2548 9464

Email: b.w.darvell@hku.hk

Dental Public Health:

Epidemiological, health services and behavioural research of oral health status and its determinants; clinical intervention studies on prevention and treatment of common oral health problems and diseases; studies on oral health-related quality of life.

RPG Advisor

Professor E.C.M. Lo

Tel: 2859 0292

Fax: 2858 7874

Email: edward-lo@hku.hk

Oral and Maxillofacial Surgery:

Cleft lip and palate, navigational surgery and implantology; biology of distraction osteogenesis and its application; 3-D modeling in reconstructive surgery; minimal invasive surgery and 3-D facial soft tissue imaging.

RPG Advisor

Professor L.K. Cheung

Tel: 2859 0262

Fax: 2559 9014

E-mail: lkcheung@hku.hk

Oral Bio-sciences:

Oral microbiology; oral immunity; oral pathology; cariology; oral candidal infections; HIV disease; *in vitro* studies on microbiological biofilm; various studies by an artificial mouth model; studies on molecular mechanisms of microbe-host interactions and bio- and genetic markers for major oral diseases, e.g. periodontal disease.

RPG Advisor

Dr L.J. Jin

Tel.: 2859 0302

Fax: 2547 6133

E-mail: ljjin@hkusua.hku.hk

Oral Rehabilitation:

Implantology; dental handpiece performance; maxillofacial reconstruction; denture retention; dental magnets; motor control of the human jaw muscles; pathogenesis and management of temporomandibular disorders; quality of life measures in gerodontology; resin-bonded bridges; patient-centred assessment of fixed and removable prosthodontic treatment; glass ionomer cements.

RPG Advisor

Professor A.S. McMillan

Tel: 2859 0305

Fax: 2858 6114

Email: annemcmillan@hku.hk

Orthodontics:

Experimental studies of bone generation; growth modifications and understanding growth factors regulating jaw growth; epidemiological studies of orofacial form; clinical and experimental evaluation of orthodontic treatment approaches; long-term follow up of correction of class II malocclusion in young people as well as adults; correction of pseudo-class III malocclusion.

RPG Advisor

Professor A.B.M. Rabie

Tel: 2859 0260

Fax: 2559 3803

Email: rabie@hkusua.hku.hk

Paediatric Dentistry:

Epidemiological studies of early childhood caries; dental anomalies and developmental defects; cleft lip and palate; clinical studies of dental materials; laboratory and clinical studies on remineralization of enamel and bonding agents.

RPG Advisor

Professor N.M. King

Tel: 2859 0253

Fax: 2559 3803

Email: profnigelking@mac.com

Periodontology:

Epidemiological; behavioural and clinical research on periodontal diseases and their prevention and management; basic research of periodontal microflora and host response in the local population.

RPG Advisor

Dr E.F. Corbet

Tel: 2859 0301

Fax: 2858 7874

Email: efcorbet@hkusua.hku.hk

Postgraduate Admissions Advisors

Professor E.C.M. Lo

(Chairman of the Faculty Higher Degrees Committee)

Tel: 2859 0292

Fax: 2858 7874

Email: edward-lo@hku.hk

Professor L.K. Cheung

(Assoc. Dean in Research & Discovery)

Tel: 2859 0262

Fax: 2559 9014

Email: lkcheung@hku.hk

FACULTY OF Education

The Faculty of Education was established in 1984 and has adopted a unitary structure by merging its two former departments (Curriculum and Educational Studies and Speech and Hearing Sciences). The Physical Education and Sports Science Unit has left the Faculty to join the newly-formed Institute of Human Performance, but its degree courses will still be offered through the Faculty. The Faculty has assumed an important role in educational research and professional training in the region and internationally, and has contributed significantly to education policy and development in Hong Kong. It is a major teacher education institution, has strong expertise in policy analysis and curriculum development, and is the only institution in Hong Kong training speech therapists and audiologists for the local community.

The Faculty has nearly 100 full-time academic members of staff drawn from various parts of the world. In addition to performing teaching duties, academic staff are engaged in an extensive range of research which provides a focus for supervision of research degrees. Major areas of focus include comparative education, curriculum development and evaluation, education in China, language education, education psychology and special education, policy studies and leadership, speech and hearing sciences, educational technology and instructional media, and mathematics and science education. Members of the Faculty lead both international and local projects and play roles on Editorial Boards for local and international journals. Many of them also sit on different advisory committees contributing to the formulation of policies related to education in Hong Kong.

In addition to undergraduate programmes and taught postgraduate programmes, the Faculty offers supervision of research leading to the award of MPhil and PhD degrees. The Faculty places considerable emphasis on the quality of research postgraduate education, and applies quality-assurance systems and policies operating in the admission process and during the period of candidature. For each successful applicant, an Advisory Panel is in place for the length of candidature, advising on confirmation, academic performance, transfers, and issues of progress, including the evaluation of study plans where these are required. To promote collegiality among research students and encourage exchange of ideas among students and staff in enhancing research activities in the Faculty, a postgraduate research conference is organized annually. This conference attracts over 100 participants each year. In addition, to enhance communication with students, a Research Students

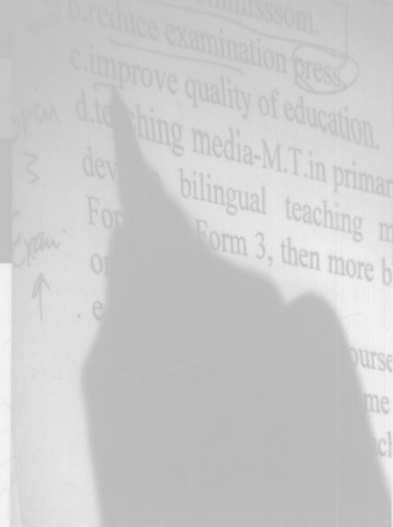
Consultation Meeting has been set up since May 2002 and holds meetings on a monthly basis.

In order to provide a focus for research, the Faculty has established an Office of Research to deal with all matters relating to research postgraduate studies and research projects. In addition, a number of research centres have been established in the Faculty. The Comparative Education Research Centre, formed in 1994, promotes research in the field of comparative education. The Centre for Educational Leadership provides a focal point for academics engaging in research in educational leadership. The Centre for Information Technology in Education was established in 1998 to promote research on and development of IT in education and information management and to offer continuing professional development opportunities in these areas, including the support of a Master of Science in Information and Technology Education programme and a Master of Science in Library and Information Management programme. The Wah Ching Centre of Research on Education in China was established in 1998 and its team members apply their international expertise to the study of education in China and abroad. The Centre for Advancement in Special Education, and the Centre for Advancement of Chinese Language Education and Research, were established in 2004 to co-ordinate research and provides consultancy in the fields of special education, and Chinese language education respectively. Centre for Communication Disorders, newly established in 2005, engages in research in the area of human communication and its disorders.

Division of Learning, Development and Diversity

Major Research Areas

Educational psychology:
Child and adolescent development; educational psychology; developmental psychology; pre-school, primary, secondary, and higher education; school psychology; educational assessment and measurement; test theories; single case study; statistical modeling of educational data; quantitative and qualitative research design; psychology of teaching and learning; cognition and instruction; knowledge building; higher-order thinking; giftedness; intellectual styles, personality and student learning; experiential learning; computer-supported collaborative learning; conceptual



change; reading processes; student development; teacher-pupil interaction; applied behavior analysis; classroom management; social psychology of education; cross-cultural psychology; self-concept/self-esteem; stress management; gender identity development and transgender; educational psychology program design and evaluation.

Special education:

Special education needs; children with learning difficulties; sensory, physical, mental, and social-emotional disabilities; learning and behavioral difficulties; developmental and multiple disabilities; early childhood, primary, secondary, and post-secondary special education; curriculum modification and adaptation; remedial teaching; literacy and numeracy; personnel preparation; comparative special education; cultural and linguistic diversity; immigrant learners; inclusive education; assistive technology; parent involvement; home-school partnership; transdisciplinary teamwork; special education program design and evaluation; gifted children with learning disabilities; gifted and disadvantaged children; role of orthographic awareness in language acquisition among dyslexic children.

Guidance and counseling:

General guidance and counseling; school guidance and counseling; counseling and personal-social education; affective education; teacher stress; gender and transgender studies; special needs; inclusive education; students' and teachers' perception; human helping relationship; group guidance; career counseling; life skills development; counseling and education of gifted children; leadership and affective development for the gifted; adventure based counseling; peer counseling; teacher self-development; teacher self-efficacy; counseling efficacy; guidance personnel supervision and education; school consultation; parent education; cross-cultural studies in guidance and counseling; counseling program design and evaluation; forgiveness intervention and education; student stress and adjustment; suicide prevention and intervention; bereavement and death education.

Division of Information and Technology Studies

Major Research Areas

Information technology implementation in education; socio-cultural issues regarding technological practice and change; design and use of information technology across curriculum; e-learning and learning objects; planning and managing information technology in education; information technology and educational leadership; computer supported collaborative learning; information technology support for school administration; library and information services; information literacy and information behaviour; knowledge management; information management; social responsibility and librarianship; collection management issues; management of libraries; bibliometrics; information policy.

Key members of the Centre for Information Technology in Education (CITE) are located within the Division.

Division of Language and Literature

Major Research Areas

Chinese language education:

Chinese language and literature education; language curriculum development and evaluation; general Chinese linguistics; psycholinguistics-Chinese; Chinese sociolinguistics; language testing, measurement and evaluation of Chinese; cognitive aspects of Chinese language learning; linguistic aspects of Chinese language education; computers in Chinese language teaching and learning; application of functional linguistics to teaching Chinese.

English language education:

English language education (TESL, TEFL); English curriculum; classroom interaction and classroom language; second language acquisition; grammar and pedagogy; spoken and written discourse; classroom discourse analysis; sound and meaning system; text linguistics and composition theories; language assessment; language policy; medium of instruction; genre analysis; teacher language awareness.

Division of Policy, Administration and Social Sciences Education

Major Research Areas

Curriculum and assessment; curriculum implementation and evaluation studies; business studies; curriculum innovation and development; economics education; economics of education; education and national development; educational administration and school organisation; educational change and leadership; educational philosophy; educational planning and policy analysis; environmental education; ethnic minority education; geographical education; history education; social sciences education; sociology of education; teacher thinking, beliefs and knowledge; education and professional development of teachers from initial through inservice stages; values education; women and education.

Key members of the Comparative Education Research Centre (CERC), the Wah Ching Centre of Research on Education in China (CREC) and the Centre for Educational Leadership (CEL) are located within the Division.

Division of Science, Mathematics and Computing

Major Research Areas

Science education; environmental education; physics education; chemistry education; biology education; mathematics education; statistics education; computer education; health education; substance abuse preventive

education; studies of student thinking, learning and achievement in different school subjects; classroom processes (strategies of teaching and learning); use of information technology in teaching and learning; curriculum innovation and development; curriculum implementation and evaluation studies; evaluation of health education interventions; use of ICT for resources development in teaching and learning; evaluation of mentoring provision in schools; integrated curriculum development in science, health and humanities; comparative studies; teacher education; teacher thinking, beliefs and knowledge.

Division of Speech and Hearing Sciences

Major Research Areas

Speech and language studies:

Children's speech and language development in Cantonese and Putonghua; communication impairment in an ageing population; comprehension in Cantonese aphasics; cross-linguistic comparisons of normal and non-normal language development; efficacy of voice therapy; instrumental voice evaluation; normal speech, language in Chinese speaking populations; acquired reading disorders in Chinese bilingual language development; speech and language disorders of Cantonese-speaking hearing-impaired children; speech and language impairment in Cantonese-speaking children and adults; speech disorders associated with cleft palate and dysarthria.

Hearing science:

Acoustic analysis of speech and speech perception; perceptual segregation of simultaneous sounds.

Clinical audiology:

Application and performance of hearing aids in the Hong Kong environment; development of hearing assessment tools; neonatal and infant hearing screening; childhood hearing loss in developing countries.

Faculty Requirements

- (i) PhD applicants are required to submit a 4-page Research Proposal Summary in addition to a detailed Research Proposal; while MPhil applicants are required to submit a 4-page Research Proposal Summary. (The pro-forma is obtainable from <http://www.hku.hk/education/research/degrees.htm#procedure> or Room 125, Hui Oi Chow Science Building, Office of Research, Faculty of Education.)

Important notes:

All MPhil/PhD theses should be written in English. However, under exceptional circumstances, special approval to write a thesis in Chinese may be granted when all the following criteria are met:

- The research topic focuses specifically on the Chinese language, Chinese literature, Chinese culture, and/or Chinese language teaching and learning; and

The central contribution of the research findings is to the body of literature in Chinese of Chinese language learning and teaching; and Being obliged to write the thesis in English would adversely affect the conceptual and theoretical development of the study.

Applications to write a thesis in Chinese should be submitted at the time of application for admission.

- (ii) Presentation of a seminar for confirmation of candidature.

Postgraduate Admissions Advisors

For all Divisions (except Division of Speech and Hearing Sciences)

Dr C. Davison, Associate Dean (Research)

Tel: 2241 5728

Fax: 2547 1924

Email: edfacor@hkucc.hku.hk

For Division of Speech and Hearing Sciences

Dr V. Ciocca

Tel: 2859 0599

Fax: 2559 0060

Email: vciocca@hkusua.hku.hk



FACULTY OF Engineering

The Faculty of Engineering is as old as the University of Hong Kong. It was one of the three founding faculties set up when the University was first established in 1912. The Faculty presently contains five core departments: Civil Engineering, Computer Science, Electrical and Electronic Engineering, Industrial and Manufacturing Systems Engineering, and Mechanical Engineering.

The Department of Civil Engineering is one of the oldest departments in the University. Its postgraduate studies are offered either as predominantly research degrees, leading to the degrees of Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) or primarily by coursework, leading to the degree of Master of Science (MSc) in Engineering. The Department also offers professional training courses for civil engineering graduates suitable for Continuing Professional Development for the purpose of obtaining corporate membership of the Hong Kong Institution of Engineers.

The Department of Computer Science was established in the Faculty of Engineering in 1988. The Department is active in both basic research in computer science and the development of computer technology. The Department offers programmes leading to MPhil and PhD degrees in Computer Science, a degree of MSc in Computer Science, and an MSc in Electronic Commerce and Internet Computing offered in conjunction with the Department of Electrical and Electronic Engineering.

The Department of Electrical and Electronic Engineering was established within the Faculty of Engineering in 1961. The Department offers postgraduate research programmes leading to the degrees of Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) in areas of leading-edge technologies including wireless communications, computer systems and networking, energy systems and electric vehicle, microelectronics and VLSI, optoelectronics, signal and image processing, biomedical engineering, multimedia systems, control systems, and robotics and automation. The Department also offers an MSc(Eng) degree programme in Electrical and Electronic Engineering with three different streams, namely, General stream, Communications Engineering stream, and Computer and Information Engineering stream. In addition, the Department jointly offers an MSc(Eng) degree programme in Building Services Engineering with other departments in the Faculty.

The Department of Industrial and Manufacturing Systems Engineering offers research degrees programmes leading to Master of Philosophy (MPhil) and Doctor of Philosophy

(PhD). Active areas of research in the Department include: logistics engineering, supply chain management, operations planning and management, facilities design, process planning and optimization, CIM, feature-based design, flexible manufacturing systems, robotic systems, inventory control, quality management, simulation, design of experiments, statistical process control, operations research, and plastics technology. The Department also offers an MSc(Eng) programme in Industrial Engineering and Logistics Management to provide training for practising engineers and managers.

The Department of Mechanical Engineering was established in 1958 and official recognition of the Mechanical Engineering Degree was granted by the Institution of Mechanical Engineers in the U.K. in 1963. At the postgraduate level, the Department offers research programmes leading to MPhil and PhD degrees as well as coursework postgraduate programme leading to the MSc(Eng) degrees in Mechanical Engineering (with optional theme in "Energy and Environment") and Building Services Engineering.

Department of Civil Engineering

<http://www.hku.hk/civil/mphd.html>

Major Research Areas

Construction engineering and management:
Construction procurement system selection; contractor selection; design-construct; BOT and other public-private partnerships; claims and dispute management; construction durations and productivity; time extensions; supply chain and logistics management; risk management; quality management; benchmarking; industry development; advanced construction technologies; technology transfers; ICT tools for construction project management; durability designs; sustainable construction; whole life cycle management of infrastructure.

Geotechnical engineering:

Soil and rock mechanics; in-situ and laboratory testing; soft soil engineering; pile foundations; slope engineering; landslip prevention; landslide investigation; GIS applications to natural terrain hazards; soil dynamics; pavements; tunnelling; undergrounds excavation; foundation.

Structural engineering:

Computational mechanics; finite element and finite strip analysis; earthquake engineering; tall buildings; bridge engineering; reinforced concrete structures; concrete technology; soil-structure interaction; computer-aided design/analysis.

Traffic and transportation engineering:

Transport demand modelling; continuum modelling in transport; theory of traffic flow; traffic management and control; traffic signals; network equilibrium problems; dynamic network modelling; transportation systems engineering; road safety.

Water and environmental engineering:

Hydrology; environmental hydraulics/fluid mechanics; wind engineering; water quality modelling; advanced water and wastewater treatment; environmental biotechnology; resource recovery; solid and hazardous waste management; coagulation and sedimentation dynamics.

Departmental Requirements:

At least one seminar presentation before confirmation of candidature; publication of papers is strongly encouraged.

Postgraduate Admissions Advisor:

Professor L.G. Tham
Tel: 2859 1965;
Fax: 2559 5337;
Email: hrectlg@hkucc.hku.hk

Department of Computer Science

<http://www.cs.hku.hk/>

Major Research Areas**Computer systems:**

Distributed and parallel computing; networks; cluster and grid computing; pervasive computing; operating systems; computer architecture; WWW and internet.

Contact Person

Dr F.C.M. Lau
Tel: 2859 2170
Fax: 2559 8447
Email: fcmlau@cs.hku.hk

Data engineering:

Data mining; data warehousing; spatial database; real-time database; Internet resource discovery; semi-structured data and XML technology.

Contact Person

Professor D.W.L. Cheung
Tel: 2859 7072
Fax: 2559 8447
Email: dcheung@cs.hku.hk

Human-computer interface:

Computer graphics; computer vision; multimedia; speech recognition; pattern recognition; image processing; scientific computing; geometric computing.

Contact Person

Dr W. Wang
Tel: 2859 7074
Fax: 2559 8447
Email: wenping@cs.hku.hk

Information systems:

Information security; cryptographic systems; legal aspects of computing; e-commerce.

Contact Person

Dr L.C.K. Hui
Tel: 2859 2190
Fax: 2559 8447
Email: hui@cs.hku.hk

Software engineering:

Software engineering; software testing and verification.

Contact Person

Professor T.H. Tse
Tel: 2859 2183
Fax: 2559 8447
Email: tse@cs.hku.hk

Theory of computation:

Design and analysis of algorithms; computational geometry; computational biology.

Contact Person

Professor T.W. Lam
Tel: 2859 2172
Fax: 2559 8447
Email: twlam@cs.hku.hk

Departmental Requirements

A PhD candidate is required to submit a progress report and to give at least one oral presentation during each year of study after the probationary period. At least one seminar presentation should be given before submission of thesis. Research publication is strongly encouraged.

Postgraduate Admissions Advisor

Dr C.L. Wang
Tel: 2857 8458
Fax: 2559 8447
Email: clwang@cs.hku.hk

Department of Electrical and Electronic Engineering

<http://www.eee.hku.hk/>

Research Areas**Computer systems and networking:**

Internet technologies and applications; protocols for Quality of Service support; multicasting; network security; resources management for wireless networks; scheduling in broadband wireless networks; wireless network security; ad hoc networks; routing in all-optical networks; queueing theory with applications to performance modeling of networks and computer systems; distributed computing; peer-to-peer computing and networking;

mobile computing; operating systems; compilations systems; parallel computing; Grid computing.

Information systems:

Computer vision for control and automation; defect detection; optical communications, stability study of dynamical systems; 3D reconstruction of object from a sequence of 2D images; the design of robust control systems and controllers in robotics; imaging processing, network performance study; and intelligent transportation systems.

Biomedical engineering:

Application of computing, electronics and other technology in biomedical field, especially in medical signal processing related to health care. One active area is to extract and detect changes of very weak evoked potential signal from high noise background by adaptive filtering, artificial neural network filters and wavelet methods. Other projects include fast and sensitive non-invasive detection of venous air embolism; analysis and modeling of the multi-catheter multi-channel electrode signal in heart chambers; and blind signal method for signal estimation. In the medical image processing area, projects include detection of tumours in MRI images, processing of pathological images, thermogram images analysis, and matching of x-ray images.

Energy systems and electric vehicles:

Advanced electric vehicle technology; advanced high frequency switch mode power supply technology; power systems planning and design methodologies; integrated CAD environment for power systems analysis; optimization and simulation; applications of information technologies in power systems; harmonic pollution monitoring; power quality; building services.

Microelectronics, optoelectronics and VLSI:

Use of semiconductors for making electronic devices and circuits, which can be applied in high-speed computer and communication systems, high-resolution display systems and high-sensitivity detection systems. Moreover, fast and robust algorithms are being developed to speed up the design of these circuits and systems. The scope includes high-quality gate dielectrics for MOS transistors based on various semiconductors, micro-sensors, optical micro-arrays, LED's, organic semiconductor devices, nano-structures, ultra-wideband fibre-based source and widely-tunable parametric laser source for bio-photonics applications, EDA and CAD algorithms for the design of filters and signal converters, and efficient circuit simulators based on model order reduction and large-scale matrix equation solvers.

Telecommunications:

MIMO communications systems, ultra-wide band technologies; spread spectrum techniques; multi-carrier technologies; wideband spread spectrum transceiver design; multi-media source coding and protocol design; advanced modulation techniques; mobile channel modeling and frequency planning; multi-access techniques and tele-traffic optimization; mobile/wireless networks; high-speed networks; subband coding of digital audio signal; perceptual subband coding of image and

video; modulated filter banks; multiplier-less perfect reconstruction filter banks; 3D multimedia; digital imaging technology; robust adaptive filtering; subspace tracking for blind channel identification in impulse noise environment; constrained optimization; transform algorithms.

Departmental Requirements

Candidates are required to make an oral presentation of their research proposal as part of the procedure for the confirmation of candidature. Each candidate is also required to give at least one research seminar before submission of thesis.

Postgraduate Admissions Advisor

Professor P.T. Lai

Tel: 2859 2691

Fax: 2559 8738

Email: eeerpg@eee.hku.hk

Department of Industrial and Manufacturing Systems Engineering

<http://www.hku.hk/imse/imsehome.html>

Major Research Areas

Quantitative methods and engineering management: Operational research; operation planning and control; statistical process control; design of experiments; reliability and maintenance; quality management systems; total quality management; quality performance measures.

Intelligent automation:

Genetic optimization of manufacturing systems; fuzzy-logic control of manufacturing systems; virtual reality; intelligent warehousing; robotics.

Logistics and supply chain management:

Designs for supply chain management, supply chain inventory coordination and control; demand management and order fulfillment; procurement risk management; order distribution; simulation; container/air cargo terminal operations planning and control; automated warehouse design; global SCM scorecard; strategic alliance; supply quality management; web applications; RFID and applications.

Manufacturing systems design:

Computer integrated manufacturing; advanced manufacturing systems; robotics; flexible assembly and knowledge-based systems; system modeling and simulation.

Manufacturing technology:

CAD/CAM; rapid prototyping, rapid manufacturing; mould and die design; metal cutting; mechatronics.

Postgraduate Admissions Advisor

Dr P.L.Y. Chan

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Department of Mechanical Engineering

<http://www.hku.hk/mech>

Major Research Areas

Design and manufacture:

Geometric modeling applications; feature-based systems; haptics-based modelling; intelligent design systems; geometric feature recognition; rapid prototyping; layered manufacturing of multiple material objects; product development technologies; design theory and methodology; green product development; axiomatic design; concurrent engineering; evolutionary design; inventive problem solving methods; heterogeneous components design; design for product life-cycle cost; simulation modeling.

Contact Person

Professor S.T. Tan

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Dynamics, control and robotics:

Automatic detection of joint leakage; inertial sensor for parts inspection; mechatronics; model reduction; robust control system design; generalized systems; delay systems; fault detection; reliable control; artificial intelligent control; compensation for actuator nonlinearities; neurofuzzy networks for modeling and control; robotics applications; vibration.

Contact Person

Professor J. Lam

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Materials and solids:

Nanocrystalline materials, mechanical properties and mechanisms of nanometer and sub-micron sized materials; transmission electron microscopy of defects; atomistic modeling of materials; structure and properties of plastics and fibre-reinforced composites; micro/nano mechanics of deformation and fracture; electromagnetic solid mechanics; multi-scale modeling; advanced finite element methods; modeling of smart structures; fabric drape simulation; fracture / damage mechanics; biomechanics.

Contact Person

Professor A.K. Soh

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Natural and built environment:

Indoor and outdoor air/noise pollution; environmental impact assessment; pollutant and dispersion modeling; bio-aerosols; renewable energy and fossil fuel; building energy efficiency; natural ventilation; healthy buildings; dynamic computer modeling of HVAC and BIPV systems; building automation systems; intelligent control strategies and fault detection; CFD; heat transfer; smoke spread and

fire safety modeling; vehicle noise; noise source modeling; aeroacoustics; vibroacoustics; flow induced vibration and noise control.

Contact Person

Dr Y.G. Li

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Thermofluids:

Turbulent boundary layer and shear layer flow interaction problems; flow past porous media; two-body interaction hydrodynamics; free-surface far wake of a self-propelled body; nonlinear water waves; innovative harbour design and research; hydrodynamic stability; vortex dynamics; thermodynamics; environmental fluid mechanics; multi-scale transport phenomena; micro-scale transport phenomena; interfacial transport phenomena, multiplicity and stability in transport phenomena; solar energy applications.

Contact Person

Dr K.W. Chow

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Medical engineering:

Processing, structure and properties of new biomaterials; surface modification of metallic biomaterials; bioceramics; biocomposites; *in vitro* and *in vivo* evaluation of biomaterials; tissue engineering scaffolds; bone tissue engineering; biomechanics of hard and soft tissues; structure and properties of biological materials; photochemical crosslinking; tissue engineering and regeneration; biosurgery; drug delivery.

Contact Person

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Postgraduate Admissions Advisor

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FACULTY OF Law



History

The Faculty of Law of The University of Hong Kong is the first law school in Hong Kong and one of the most prestigious law schools internationally. Established in 1969 as the Department of Law and achieved full Faculty status in 1984, the Faculty currently has over 60 scholars from more than 10 jurisdictions from around the world.

Mission

Throughout its 37 years, the Faculty has been training graduates who are today distinguished legal professionals and leaders of our community. Building upon our unique position as the only common law jurisdiction in China, capitalizing on the 'one country, two systems' principle, the Faculty has an irreplaceable role to play in scholarship, research and education on common law and comparative law as well as the development of the Rule of Law in China.

Structure

The Faculty houses two Departments, the Department of Law and the Department of Professional Legal Education, and four research centres: the Centre for Comparative and Public Law (CCPL), the Asian Institute of International Financial Law (AIIFL), the China Centre of Information Technology and Law (China IT & Law Centre), and the Peking U-HKU Research Centre.

Research centres

Of its four centres, the CCPL has a strong profile in research activities in public law and human rights, while the AIIFL has rapidly developed into a respected centre for research into financial law and securities regulation. The China IT & Law Centre, jointly housed with the Faculty of Engineering, has been very active in issues of intellectual property, and has recently established a Community Legal Information Centre, a bilingual website containing useful legal information for the general public.

Resources

The Faculty's teaching and research covers a wide variety of fields of law, and it is served by one of the best research libraries, the Lui Che Woo Law Library, in the Asian region. The resourceful environment offers excellent support for students of research postgraduate programmes including Master of Philosophy (MPhil), Doctor of Philosophy (PhD) and Doctor of Legal Science (SJD).

Postgraduate programmes by research

Research postgraduate students enrolling into the MPhil and 4-year PhD programmes in the Faculty of Law are required, before the expiry of the probation, to complete one compulsory LL.M. course, "Advanced Research Methodology for Law", and at least two other elective courses from LL.M. programmes relevant to their studies.

SJD is a degree at doctorate level intended for candidates who are not familiar with the common law system and have a limited background in research. The 3-year Programme is modeled on new developments in Australian universities (which emulate US law schools), and combines coursework with a thesis. With its stronger emphasis on coursework component, the SJD programme requires admitted students to fulfill the compulsory course, "Advanced Research Methodology for Law", and at least seven other elective courses from LL.M. programmes relevant to their studies.

Department of Law and Department of Professional Legal Education

<http://www.hku.hk/law/>

Major Research Areas

The Faculty has established, through careful planning in curriculum design and recruitment of research-active scholars from all over the world, six research strengths, as follows:

Research areas of traditional excellence:

Public Law and Human Rights
Commercial, Corporate and Financial Law
Comparative Chinese Law

New research areas of great potential:

Intellectual Property and Information Technology Law
WTO and International Economic Law
Alternative Dispute Resolution

Public Law and Human Rights

This is one of the strongest areas of the Faculty. Staff members are actively engaged in contemporary debates on comparative constitutional law, human rights, rule of law and gender issues, and significant research on these areas has been produced. Since 1999, we have offered a pioneering regional Master of Laws (LLM) in Human Rights, which is the only human rights law programme in Asia with a uniquely Asian focus.

Commercial, Corporate and Financial Law

The Faculty has a wealth of expertise in the commercial law area, including core common law subjects like contract, tort, property, equity, tax, credit and security, acquisition and merger, listing, banking, commercial drafting, as well as private international law and international trade and economic law. This is a diversified area but a most important one for common law education. Our Asian Institute of International Financial Law has been a focal point of our research on corporate and financial law, and has brought to Hong Kong many distinguished scholars for many highly successful public lectures and academic conferences.

Comparative Chinese Law

The Faculty has the widest range of expertise in Chinese Law outside China. Its expertise ranges from criminal law, public law, securities regulation and finance, intellectual property, to cross-border issues and legal theory and jurisprudence. Coupled with our strong common law strength, we are in a very strong position in offering comparative law research and teaching on civil law and common law. Our research on comparative Chinese law has been frequently cited in most of the quality international journals.

Intellectual Property and Information Technology Law

This is a budding area of significance in the Faculty. In terms of information technology law, the China IT & Law Centre has generated considerable research outputs and has secured major funding from the Government for a Community Legal Information Centre Project which aims to promulgating general legal knowledge to the general public. The Centre also houses the Hong Kong Legal Information Institute, which provides the public with free access to one of the best electronic databases on legal materials in Hong Kong. It is the only electronic database in Asia that provides free access to comprehensive legal information which is itself a contribution of the Faculty to the rule of law.

WTO and International Economic Law

The WTO area is a recent area of development in the Faculty, but is rapidly gaining momentum. The East Asian International Economic Law (EAIEL) programme is the focal point of training and research in this area. We have been designated by the WTO for two consecutive years as the Asia-Pacific centre for running the Regional Trade Policy Course (RTPC) for government officials from over 30 developing countries in the Asian Pacific Region. The EAIEL has also been engaged in capacity building and staff training in WTO matter in China and Indochina. It has also collaborated with various UN organs in organizing high level international conferences, including the Trade Symposium alongside the 6th WTO Ministerial Conference held in Hong Kong in December 2005.

Alternative Dispute Resolution

The Faculty is actively developing the interdisciplinary area of dispute resolution and negotiation which incorporates law, business, government, psychology, economics, anthropology, and education. We have expertise from both the Anglo-American and Mainland China background in dispute resolution, and the idea is to create a productive dialogue between rigorous research

and scholarship and the competitive edge of practice in this area of great potential. As negotiation and dispute resolution is also tied to culture and values, it is our plan to develop a major dispute resolution and negotiation programme in this part of the world where there is a distinct cultural approach to such issues.

Postgraduate Admissions Advisor

Professor Chris Sherrin

Associate Dean (Research)

Faculty of Law

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LI KA SHING FACULTY OF Medicine



Background

The Medical Faculty of the University of Hong Kong (HKU) is the oldest faculty in tertiary education in Hong Kong. Its origins go back to 1887, when the Hong Kong College of Medicine for Chinese (the predecessor of the University of Hong Kong, renamed the Hong Kong College of Medicine in 1907) was founded by the London Missionary Society. Besides training doctors and nurses, the Faculty has always been at the forefront of medical research and development of new clinical services for the benefit of mankind.

Departments and Staff

The Medical Faculty is the largest faculty in the University with around 200 full-time teaching staff members, and is also one of the most technologically advanced medical institutions in the region. It has 17 teaching departments, zoned into three generic groups with a mix of clinical and basic science departments to enhance synergism.

Academic staff members in the Faculty undertake a wide spectrum of research, ranging from studies in frontier basic medical science to cutting-edge clinical research. With a view to promoting multidisciplinary research, five research centres have been established to bring together researchers in diverse fields under common interest topics and provide for collaborative academic pursuits:

- Cancer
- Heart, Brain, Hormone and Healthy Aging
- Infection and Immunology
- Public Health
- Reproduction, Development and Growth

Research Activities

With a strong research base, the Faculty has made important contributions to the study and treatment of various diseases. The first case of bone marrow transplantation and the first case of successful liver transplantation in Hong Kong were performed at Queen Mary Hospital. The novel technique of adult living related right lobe liver transplantation was pioneered here and has since gained worldwide popularity. More recently, researchers in the Faculty have played a pivotal role in combating the Severe Acute Respiratory Syndrome (SARS) epidemic in 2003, and controlling the H5N1 influenza outbreak.

The Faculty places strong emphasis on multidisciplinary research, and has played a significant role in the establishment of the University's Genome Research Centre. There is an increasing number of collaborative projects with renowned institutions both in the Mainland and overseas. The HKU-Pasteur Research Centre is a joint venture with the prestigious Institut Pasteur of France. Professor Robert Webster, Professor of Infectious Diseases at the St. Jude Children's Research Hospital and a world-class scholar in influenza, is closely collaborating with the Influenza Centre at HKU.

The Faculty receives financial support for research activities from various sources in different forms, including research grants, conference grants, and fellowships offered by the University and other funding agencies, and donations made by professional and industrial bodies and individual benefactors. In particular, the Faculty has continued to achieve outstanding results in the annual Competitive Earmarked Research Grants exercise of the Research Grants Council, securing HK\$64.07 million in 2006/07.

Research Postgraduate Programmes

The Faculty shares with other Faculties in the University the common goals of imparting knowledge to students through research. Every department in this Faculty therefore actively participates in the training of research postgraduate students for the MPhil and PhD degrees. While pre-clinical departments conduct and supervise research mainly in laboratories, clinical departments conduct and supervise research in both laboratories or in clinical settings. Research postgraduate students of the Faculty enjoy the benefits of working in state-of-the-art laboratories.

The Faculty has been attracting high calibre candidates to enroll in its research postgraduate programmes. The programmes are not only popular among medical graduates, but also graduates in biological, biomedical, and health sciences. Graduates in physical sciences, engineering, computer sciences engineering, and social sciences are also welcome to apply.

Further details on research postgraduate studies and the major research areas of the Faculty can be found at http://www.hku.hk/facmed/O3edu_post_research.htm.

Department of Anaesthesiology

<http://www.hku.hk/anaesthe>

Major Research Areas

Pharmacology of intravenous anaesthetic drugs; Pharmacology of new intravenous anaesthetics (particularly propofol and remifentanyl); pharmacokinetic modeling; patient-controlled and target-controlled infusion; ethnic variation in pharmacokinetics and pharmacodynamics; pharmacokinetic variations in various disease states; dose response characteristics.

Contact Person

Dr M. Irwin

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Depth of anaesthesia monitoring:

Application of new anaesthetic depth monitors such as bispectral index (BIS) and brainstem auditory evoked potential (BAEP) monitoring; effect of anaesthetic agents on these monitors; use of these monitors to guide administration of anaesthetics.

Contact Person

Dr M. Irwin

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Perioperative haemostatic problems:

Effect of various anaesthetic agents on haemostasis; value of bedside haemostatic monitors such as thrombelastography and platelet function analysers; effect of haemodilution on coagulation.

Sedation in dental anaesthesia:

Safety of intravenous sedation; monitoring of depth of sedation; pharmacology of sedative drugs.

Contact Person

Dr C. Rodrigo

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Postgraduate Admissions Advisor

Dr K.F. Ng

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Department of Anatomy

<http://www.hku.hk/anatomy>

Major Research Areas

Molecule anatomy:

Structure and function of prion, β -amyloid peptide, α -synuclein, and apoE4 molecules in the amyloidogenesis or mechanism in prion diseases, Alzheimer's disease, Parkinsonism, and diabetic neuropathy and motoneuron diseases; in silico, in vitro, in vivo, and clinical trial studies of efficacy of novel or new potential drugs in preventing neuron death via control of signal transduction, or in differentiating cancer cells via control of signal transduction.

Contact Person

Dr R. Chau

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Cancer:

Cancer cell biology, intracellular signaling of oncogenes and tumour suppressor genes, cell cycle and mitotic checkpoint regulation, telomerase and cell immortalization, telomere dynamics and chromosome instability, tumour progression and metastasis, molecular basis of chemoresistance of cancer cells, hormonal carcinogenesis, epithelial and stromal interactions in carcinogenesis, molecular genetics of nasopharyngeal carcinoma and esophageal carcinoma; mechanisms of prostatic and breast carcinogenesis, molecular mechanisms involved in transformation of androgen dependent to androgen independent prostate cancer.

Contact Persons

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Professor Y.C. Wong

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Functional genomics:

The main research interest is to manipulate mouse genome to understand the pathogenesis of human diseases by employing the state-of-art technology, i.e., conventional and conditional transgenic/knockout mouse technology. These genetically manipulated mouse models are powerful reagents for not only the understanding of the complex disease processes but also for understanding normal gene functions. In addition, such approach may lead to devising novel diagnostic tools and effective therapies and prevention of human diseases. Currently, the understanding of pathogenesis of diseases, such as diabetes, diabetic neuropathy, retinopathy, hypertension, developmental defects, stroke, and neurodegeneration and regeneration, is the main focus. The Proteomics approach is also being used to further understand the signaling pathways involved in the pathogenesis of above-mentioned diseases.

Contact Person
Dr S.K. Chung
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Molecular medicine:
Role of nitric oxide in acute and chronic liver and lung injury; hepatic expression of hypoxic inducible factor-1 α (HIF-1 α) and its downstream genes in chronic liver hypoxia; signaling pathways of inflammation and oxidative stress in liver and lung injury; role of cyclooxygenase in liver and lung injury.

Contact Person
Dr G.L. Tipoe
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Neuroscience:
Investigation of molecular signaling pathways leading to neuronal death and apoptosis in neurodegenerative disorders (including Alzheimer's disease and glaucoma); neuroprotection and neuroregeneration of the retinal ganglion cells in adult mammals; gene regulation of retinal cell fate determination; morphology and functions of vertebrate nervous system during normal development; search for cure for paralysis associated with spinal cord injury and other CNS diseases; mechanisms of how neurotrophic factors and cell adhesion molecules influence neuronal survival and axonal outgrowth during development and after injury of the nervous system; molecular and cellular interactions between neurons and glial cells.

Contact Persons
Dr W.T. Wu
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Dr H. Yip
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Proteomic research in cancer:
Research on cancer molecular biology, proteomic analyses of carcinogenesis, proteomic research in drug development and biomarker discovery. Ongoing projects: (1) Regulation of α -fetoprotein gene expression in differentiating and cancer cells; (2) Biochemical and proteomic analyses of arsenic carcinogenesis; (3) The Identification of proteomic tumor marker and target proteins of tumors and other human diseases; (4) Proteomic characterization of the cytotoxic mechanism of gold (III) Porphyrin 1a, a potential anticancer drug; (5) Potential of using transcription factor decoys (ODNs) in treatment of patients with lung fibrosis and liver cirrhosis; (6) Proteomic studies on action mechanisms of traditional Chinese medicine; (7) Proteomic determination of action mechanisms of nanosilver as a therapeutic agent.

Contact Person
Professor J.F. Chiu
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Reproduction:
Effects of male accessory sex gland secretion on early embryonic development in golden hamsters (particularly cascade of events in oocyte activation and signal transduction during fertilization); molecular mechanisms involved in ovarian failure in galactosemic rat; role of leptin in pregnancy; oxidative stress in sperm; adrenomedullin and testicular function.

Contact Person
Dr W.S. O
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Traditional Chinese medicine:
Effect of various types of TCM on neuroprotection and neuroregeneration of CNS neurons (including eye and spinal cord neurons); mechanisms of antioxidant properties of green tea polyphenols on protection of the liver from carbon tetrachloride toxicity; studies of Chinese herbs that promote blood flow and/or enhance immune response in the treatment of glaucoma and spinal cord trauma.

Contact Person
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Postgraduate Admissions Advisor
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Department of Biochemistry

<http://www.hku.hk/biochem/>

Major Research Areas

Bioinformatics:
Computational analyses of biological sequences, structures and processes. Emphasis is placed on analyses of gene expression and regulation, analyses of protein structures and structural flexibility, and molecular evolutionary studies. Development of methodology is also pursued.

Cell cycle regulation and cancer:
Regulation of cell cycle progression; altered glycosylation in tumour progression; genomic instability and consequences of DNA-damage; regulation of cellular senescence and early-onset aging using mouse model.

Genetics of disorders:
Analysis and characterization of predisposing genes for common disease such as degenerative disc disease, Alzheimers disease and others. Identifying genetic modifiers for congenital heart disease. Mechanisms of genetic disease at the biochemical level.

Functional proteomics:

Generation and comparative analysis of proteomes using 2-D MS/MS or ICAT LC-MS/MS. Proteomic changes associated with ER stress, systems biology.

Functional and developmental genomics:

Determination and analysis of gene function by gene targeting ('knock-out') technology. Identifying genes and pathways by comparative analyses of transcriptomes.

Glycobiology of cell-matrix interactions:

Growing nerves in glycosaminoglycan-modified environments; towards glycosaminoglycan intervention of respiratory tract inflammation; glycosaminoglycan metabolism in renal stone formation.

Molecular biology of the extracellular matrix:

Regulation of chondrocyte differentiation and gene expression; identification of transcription factors and their target genes important for cartilage formation; genetic factors for the regulation of bone growth and healing; transgenic mouse models of inherited connective tissue disease in humans; regulation of matrix assembly in cartilage and bone.

Molecular mechanisms of intracellular transportation and diseases:

Characterization of the functions of intracellular transportation in neurons, melanocytes and chondrocytes; studies of the relationship between intracellular transportation and Alzheimer's Disease.

Molecular developmental biology:

Genes involved in early mammalian development, tissue regeneration and skeletal development; analysis of regulation of Hox homeobox and Sox gene expression and function; inner ear, pancreatic β -cell and heart development.

Neurobiochemistry:

Developmental biology of the nervous system; nerve cell membrane functions; role of proteoglycans in neuronal growth and regeneration; hearing and balance defects.

Chemical biology:

Structural, functional and chemical approaches to probing molecular interactions and networks to elucidate the mechanisms of disease.

Recombineering: mechanisms and applications:

Development of technologies for functional genomic studies and gene therapy. Understanding of the mechanism underlying single strand oligonucleotide mediated homologous recombination.

Reproductive biochemistry:

Biochemical studies of male sex gland components, their interaction with sperm, and their effect on embryogenesis.

Signalling mechanisms:

Gangliosides as multifunctional biomodulators in signal transduction; structure-function relationship of ganglioside-modulated protein kinases; signaling pathways in cellular stress responses; the metabolism and biological functions of reactive oxygen species.

Transgenic technology:

Production of therapeutic proteins in transgenic animals; cell and gene-based therapy in animal models.

Departmental Requirements

- (1) Annual seminar presentation on research progress.
- (2) Written presentation of a literature review in the first year.
- (3) Written progress reports (twice annually).
- (4) Active participation in weekly journal club and annual scientific retreat.
- (5) Regular attendance at research seminars and active participation in extra-departmental courses, workshops, symposia and conferences.

Postgraduate Admissions Advisor

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Department of Clinical Oncology

<http://www.hku.hk/oncology>

Major Research Areas**Clinical research:**

New radiotherapy techniques including the use of 3-dimensional computer planning systems; stereotactic radiotherapy and conformal radiotherapy; nasopharyngeal carcinoma, especially its relationship with the Epstein Barr virus; multimodality treatment aimed at improving control and minimizing side effects; multimodality treatment of gonadal and extragonadal germ cell tumours, colorectal, oesophageal cancer, breast cancer, and thyroid cancer, and elucidation of related prognostic factors.

Identification of cancer-related genes:

Elucidation of the tumorigenesis process in hepatocellular carcinoma (HCC), nasopharyngeal carcinoma (NPC), colorectal cancer, esophageal cancer, ovarian cancer, and lung cancer, through characterization of isolated oncogenes or tumour suppressor genes with recently-developed techniques such as comparative genomic hybridization (CGH), tissue microarray, genomic DNA microarray, multi-color fluorescence in situ hybridization (mFISH), proteomics, chromosome microdissection, and cDNA subtraction.

Postgraduate Admissions Advisors

Dr D.L.W. Kwong

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Dr X.Y. Guan

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Department of Community Medicine

<http://www.hku.hk/cmd/index.htm>

Major Research Areas

Epidemiology and public health:
Epidemiology of cancer; cardiovascular and respiratory diseases and risk factors; epidemiology of smoking related disorders; disease prevention and screening; lifestyle and molecular epidemiology; occupational and environmental health with special emphasis on air pollution; adolescent health; infectious disease epidemiology and public response; tobacco control.

Contact Person

Professor T.H. Lam

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Biostatistics and computing:

Statistical modelling for mortality and hospital admissions; secular trends; seasonality and geographical variations in health; health care needs estimation; air pollution and health; socioeconomic factors, lifestyles and environment interaction; health impact of influenza.

Contact Person

Dr C.M. Wong

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Health behaviour and psycho-oncology:

Psycho-oncology, psycho-cardiology, health-related communication particularly regarding risk perception relative to infectious diseases, food policy and public health, depression, pain and fatigue.

Contact Person

Dr R. Fielding

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Health services research, health policy and economics:

Health services research; evidence based medicine; clinical decision analysis; health informatics; public health policy and legislation; health care financing; national and domestic health accounts.

Contact Person

Dr S.M. McGhee

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Tobacco control:

Prevalence and factors related to smoking; passive smoking; policy development; tobacco industry strategies; community costs of tobacco; public opinion surveys; smoking cessation and adherence to therapy; smoke-free places; evaluation; youth and women smoking.

Contact Person

Professor A.J. Hedley

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Postgraduate Admissions Advisor

Dr R. Fielding

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Department of Diagnostic Radiology

<http://www.hku.hk/diaradio>

Major Research Areas

Oncologic imaging:
Functional imaging of tumours and haematologic malignancies, using magnetic resonance imaging (MRI) and positron emission tomography (PET).

Paediatric imaging:

Neuroimaging, including fMRI, diffusion tensor MRI, magnetic resonance spectroscopy; paediatric oncologic imaging.

Translational research:

Imaging of animal models using a dedicated 7-tesla MR scanner.

Thoracic imaging:

High resolution computed tomography (HRCT), and multidetector CT techniques and magnetic resonance imaging (MRI).

Cardiac imaging:

CT and MRI techniques in coronary disease and functional imaging.

Postgraduate Admissions Advisor

Dr P.L. Khong

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Department of Medicine

<http://www.hku.hk/medicine>

Major Research Areas

Cardiology:

Coronary heart disease: prevention and percutaneous revascularisation of stable ischaemic syndromes; epidemiology and treatment of acute coronary syndromes, and platelet resistance.

Cardiac pacing: new developments in pacing therapy for treatment of heart failure and cardiac arrhythmia.

Cardiac arrhythmia: innovative energy sources for catheter ablation, transvenous defibrillation and implantable device for treatment of atrial fibrillation; patch clamp study on ionic channels in atrial fibrillation and heart failure related arrhythmogenic potential.

Heart failure: hormonal changes and animal models of heart failure; cardiac resynchronization therapy.

Hypertension: left ventricular hypertrophy regression and salt balance.

Angiogenesis and cell repair: cell therapy to create new vessels and myocardium in humans and large animals.

Cardiac muscle engineering: gene knock-out study on differentiation of myocytes into cardiac myocytes.

Contact Person

Professor H.F. Tse

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Clinical pharmacology:

Cardiovascular risk factors in the community; genetic and environmental factors causing hypertension; role of peptide hormones in control of cardiovascular function; assessment of benefit and/or harm attributable to an intervention; meta-analysis of clinical trials; development, evaluation and implementation of treatment guidelines; audit, survey and analysis of drug utilisation, including antibiotics, antihypertensive and lipid lowering drugs; analysis of cost-effectiveness as applied to drug usage; effect of traditional Chinese medicine as therapy; oral arsenic for treatment of malignant disorders.

Contact Person

Dr B.M.Y. Cheung

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Endocrinology and metabolism:

Molecular genetics and pathogenesis of atherosclerosis, diabetes and diabetic complications; clinical and basic studies on obesity and adipocyte-derived hormones; clinical studies on growth hormone excess and deficiency; pathogenesis and management of autoimmune thyroid disease; genetics and environmental determinants of osteoporosis; linkage analysis of low bone mass.

Contact Person

Professor K.S.L. Lam

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Family medicine:

Health-related quality of life (HRQOL): validation and standardization of assessment instruments as outcome measures; quality of life of patients with chronic diseases.

Cross-cultural research: cross-cultural validation and adaptation of HRQOL and psychometric measures.

Qualitative research: use of qualitative methods in community health research.

Primary health care: management of upper respiratory tract infections, diagnosis and management of mental health, service utilization.

Medical education: undergraduate and postgraduate medical education research with a combined qualitative and quantitative approach.

Contact Person

Dr T.P. Lam

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Gastroenterology and hepatology:

Helicobacter pylori: disease pathogenesis, molecular microbiology, carcinogenesis.

Stomach and colon cancer: signal transduction and apoptosis pathways, chemoprevention, clinical trials.

Functional GI disorders: dyspepsia, gastro-esophageal reflux diseases, non-cardiac chest pain, constipation. Gene delivery system and new drug development in treatment of stomach and colon cancer.

Hepatitis B virus: molecular virology, associated mutations, and natural progression of related diseases in humans.

Contact Person

Professor C.L. Lai

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Geriatrics:

Dementia: early detection of Alzheimer's disease (AD), genetic studies in familial Alzheimer's diseases and late onset AD, biochemical bio-markers in the diagnosis of AD, the roles of sex hormones and growth hormone in AD, use of neuropsychological tests and magnetic resonance imaging (MRI) in mild cognitive impairment and AD.

Contact Person

Dr L.W. Chu

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Haematology:

Clinical protocols for treatment of leukaemia and lymphomas; detection of minimal residual disease and molecular mechanisms in haematologic malignancy; clinical protocols for bone marrow transplantation; infective and neoplastic complications of bone marrow transplantation; molecular genetics of hematological malignancies; basic research in pathogenesis of blood cancers; normal and leukaemic haematopoietic stem cell study using NOD/SCID mice; embryonic haematopoiesis and gene regulation studies in zebrafish.

Contact Person

Professor Y.L. Kwong

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Email: ylkwong@hku.hk

Medical physics:

Electron paramagnetic resonance spectroscopy measurement of nitric oxide (NO), superoxide, hydroxyl, lipid free radicals in animal organs in pathophysiological states after various medicine treatments; chemiluminescence measurement of NO in blood of patients; *in vivo* measurement of NO using microsensor and development of other microsensors; study of pathogenesis using computerized graphic protein-protein interaction; human brain waves in pathophysiological conditions; study of cholesterol trafficking under oxidative stress in cells; measurement of intra- and extra-cellular oxygen content in cells; development of anti-aging herbal medicine; development of new algorithms for identification of cardiac, brain wave and other electrical signals.

Contact Person

Professor P.C.W. Fung

Tel: 2855 3603

Fax: 2818 6474

Email: hspfcw@hku.hk

Molecular medicine:

Development of novel diagnostic techniques (including non-invasive prenatal diagnosis and pre-implantation diagnosis) for common genetic diseases such as thalassemias, haemophilias, Duchenne muscular dystrophy, spinal muscular atrophy and Huntington's disease; genome-wide scan with microsatellite markers for linkage of new disease genes; development of DNA microarray technology to diagnose and elucidate the molecular pathology of genetic diseases and cancers.

Contact Person

Professor V.N.Y. Chan

Tel: 2855 4477

Fax: 2816 2863

Email: vnychan@hku.hk

Nephrology:

Immuno-pathogenesis and treatment of glomerulonephritis with focus on IgA nephropathy and lupus nephritis and renal transplant rejection; clinical, pathological, and virological features of hepatitis B and hepatitis C virus infection in patients on dialysis or after renal transplantation; human glomerular mesangial cell pathophysiology; advances in peritoneal dialysis therapy.

Contact Person

Professor K.N. Lai

Tel: 2855 4477

Fax: 2816 2863

Email: knlai@hku.hk

Neurology:

Parkinson's disease: pathogenesis and treatment. Amyotrophic lateral sclerosis: pathogenesis and treatment.

Stroke: *in vivo* and *in vitro* studies on neuroprotection against ischaemia; functional MRI study and acupuncture; CT perfusion study in acute or chronic ischaemia.

Contact Person

Dr S.L. Ho

Tel: 2855 3315

Fax: 2974 1171

Email: slho@hkucc.hku.hk

Respiratory medicine:

Chronic Obstructive Pulmonary Disease & Bronchiectasis: mechanisms of neutrophil recruitment; role of transforming growth factor-beta(1) (TGF-beta(1)); airways remodelling.

Lung cancer: molecular genetics; cytotoxic chemotherapy and biologic therapy for advanced non-small cell carcinoma; environmental risk factor and genes interaction in pathogenesis.

Obstructive sleep apnoea: mechanisms of vascular homeostasis; metabolic aspects in pathogenesis and pathophysiology; genetics of obstructive sleep apnoea.

Contact Person

Professor Mary S M Ip

Tel: 2855 4605

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Email: msmip@hkucc.hku.hk

Rheumatology:

Immunopathogenesis of systemic lupus erythematosus: immunogenetic studies; defects in apoptosis and handling of apoptotic bodies; the role of dendritic cells and mesenchymal cells; and effects of sex hormones on immune cell function.

Clinical aspects, including quality of life and socioeconomic cost, of systemic lupus erythematosus, systemic sclerosis and rheumatoid arthritis.

Contact Person

Professor C.S. Lau

Tel: 2855 4049

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Postgraduate Admissions Advisors

Professor Y.L. Kwong

Tel: 2855 5859

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Professor K.S.L. Lam

Tel: 2855 4769

Fax: 2816 2187

Email: ksslam@hku.hk

Department of Microbiology

<http://www.hku.hk/mibpage/>

Major Research Areas

Antimicrobial resistance:

Antibiotic resistance in *Strep. pneumoniae*, enterococci, *Staph. aureus*, *Burkholderia pseudomallei* and enterobacteriaceae, including epidemiology of resistant bacteria, resistant gene ecology, mechanisms of

resistance, clinical relevance, novel methods for diagnosis of difficult-to-detect resistance and evaluation of new antibiotics; novel or emerging β -lactamases in Gram negative bacteria; development and evaluation of new glycopeptides for vancomycin resistant Gram positive bacteria. Methods used include cloning, gene expression, enzyme kinetics, antibiotic assays, chemical analysis, *in vitro* assessment of antibacterial activity.

Contact Person

Dr P.L. Ho
Tel: 2855 4193
Fax: 2855 1241
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Novel and emerging infectious diseases, and microbial genomics:

Discovery and characterization of novel and emerging pathogens and pathogenic forms, including coronaviruses and novel bacteria, through a range of molecular techniques, immunological techniques, animal models, and bioinformatics tools. Phenotypic, genotypic, and genomic approaches for the study of novel and emerging pathogens, including novel coronaviruses, *Laribacter hongkongensis* and *Penicillium marneffeii*, to win new insights in microbial genomics, and potential diagnostic, therapeutic and vaccine targets.

Contact Persons

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Dr P.C.Y. Woo
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Dr S.S.Y. Wong
Tel : 28554897
Fax: 28551241
Email: samsonsy@hkucc.hku.hk

Dr S.K.P. Lau
Fax : 28551241
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Immunotherapy for chronic viral infections and related cancers:

Development of therapeutic vaccines for immune intervention in chronic HBV infection; study of dendritic cells in chronic hepatitis B patients; development of EBV vaccines for immune intervention in NPC; study of gd T cells in immune surveillance against NPC; polymorphism of chemokine receptors and their ligands in Chinese (in HIV infection); study of HIV co-receptor expression on immune cells in HIV infection.

SARS virus:

Study of animal source of SARS; development of SARS vaccines; study of anti-viral peptides for prevention and treatment of SARS; development of monoclonal antibodies against SARS virus.

Contact Person

Dr B.J. Zheng
Tel: 2855 4383
Fax: 2855 1241
Email: bzheng@hkucc.hku.hk

Influenza and SARS:

Ecology, molecular evolution, epidemiology of animal and avian influenza and the SARS coronavirus; application of viral genetics and reverse genetics to the study of viral attenuation, pathogenesis, inter-species transmission and vaccine development of influenza and SARS coronavirus; immuno-pathogenesis, innate immunity and viral macrophage interactions of influenza and SARS coronavirus; disease burden and health economics of human influenza; laboratory diagnostic methods for influenza and SARS coronavirus.

Contact Persons

Professor J.S.M. Peiris
Tel 2855 4888
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Dr Y. Guan
Tel 2855 4345
Email: yguan@hkucc.hku.hk

Dr L.L.M. Poon
Tel: 2855 4384
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Microbial pathogenesis:

Molecular epidemiology and pathogenesis of enteric pathogens, including *Vibrio cholerae* and *E. coli* O157:H7, in relation to public health and environmental hazards; drug resistance mechanism of *Mycobacterium tuberculosis* and Human Immunodeficiency Virus Type 1 (HIV-1).

Contact Person

Dr W.C. Yam
Tel: 2855 4821
Fax: 2855 1241
Email: wcyam@hkucc.hku.hk

Molecular studies of emerging pathogens:

Integration of high-throughput screening (HTS) technologies and conventional genetic approaches (including cloning, site-directed deletions) to dissect microbial pathogenesis and identify microbial targets of important diagnostic and therapeutic value.

Contact Person

Dr R.Y.T. Kao
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Postgraduate Admissions Advisor

Professor J.S.M. Peiris
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Email: malik@hkucc.hku.hk

Department of Nursing Studies

<http://www.hku.hk/nursing/>

Major Research Areas

Public health:

Health promotion

Promoting women's health: A gender specific smoking cessation program for female smokers in Hong Kong.

Tobacco control and smoking cessation

A randomized controlled trial of a nurse-delivered stage matched smoking cessation intervention to promote heart health of cardiac patients; a randomized controlled trial of a smoking hygiene intervention to reduce second hand smoking (SHS) exposure and improve respiratory health of infants: a pilot study; a randomized controlled trial on cessation and adherence intervention on patients with erectile dysfunction; smoking reduction intervention for smokers not willing to quit smoking: a randomized controlled trial; youth quitline – an assessable telephone-based smoking cessation hotline for young people; cost-effectiveness analysis of a nurse delivered stage-matched smoking cessation intervention to promote heart health of cardiac patients.

Health of women and children

Application of the theory of planned behaviour to predict Chinese women's uptake of pap smear screening behaviour; an evaluation of the effectiveness of an empowerment intervention for pregnant abused women in Hong Kong; an evaluation of the effectiveness of an empowerment intervention in a group of abused Chinese women; impact of breastfeeding on hospitalizations from infectious diseases in Hong Kong Chinese children up to eight years of age; cost and clinical effectiveness of the Hong Kong scoliosis screening programme.

Clinical nursing:

The lived experience of women after diagnosing uterine cervical cancer; the symptom cluster and quality of life in patients with breast cancer undergoing cancer treatment.

Nursing education:

An evaluation of clinical Problem Based Learning (PBL) for nursing studies; promoting Problem Based Learning (PBL) for nursing students in a clinical context; an investigation of the factors affecting academic performance in part-time degree programme; implementing clinical Problem Based Learning (PBL) in undergraduate nursing students: the assessment of needs, difficulties, and learning resources; the impact of a part-time post-registration nursing degree program on information synthesis and nursing practice; implementation of a mentoring programme for clinical mentors: a means to enhance clinical education and improve student learning; the longitudinal effects of peer tutoring; developing a new paradigm for clinical education of university nursing students: an evidenced based approach; the frequency of Item Writing Flaws (IWFs) in high stakes nursing examinations and the unintended consequences; a validation of the Chinese (Hong Kong) version of the California Critical Thinking Disposition Inventory (CCTDI).

Medical statistics:

Use of multiple imputation on linear mixed model and generalized estimating equations for longitudinal data analysis: a simulation study.

Postgraduate Admissions Advisor

Dr Agnes Tiwari

Tel: 2819 2629

Fax: 2872 6079

Email: afytiwar@hkucc.hku.hk

Department of Obstetrics and Gynaecology

<http://www.hku.hk/obsgyn/>

Major Research Areas

Oncology:

Tumour markers in gynecological cancers; oncogenes in gynaecological malignancies; tumour suppressor genes and virus in cervical and vulva cancer; chemosensitivity and drug resistance in gynaecological cancers; management of gynaecological malignancies; study of epigenetics factors in gynecological cancer development; study of mitochondrial DNA mutations in gynecological cancers; psychosocial intervention in patients with gynaecological cancers; quality of life of patients receiving chemotherapy and radiotherapy.

Reproduction:

Use of HRT in Hong Kong Chinese women; menopause and hormone replacement therapy; effects of hormone on cognitive function and mood of Chinese women; oestrogen and implantation; intrauterine insemination and ovarian stimulation in the management of subfertility; fertilization; interaction between embryo/sperm and reproductive tract; endometrial receptivity; spermatogenesis and genes on Y chromosome; mifepristone and misoprostol in fertility regulation.

Perinatology:

Hypothyroidism and iodine deficiency in pregnancy; maternal lipid profile, lipoproteins and glucose tolerance in pregnancy; epidemiology of gestational diabetes mellitus in Chinese patients; nutritional and iron status on pregnancy outcome; dietary manipulation in the treatment of diabetes in pregnancy; predictors of preterm delivery; feto-placental blood flow and placental development in normal and complicated pregnancies; regulation of placental apoptosis on outcome of normal and complicated pregnancies; role of IGF and IGF-BP in placental and fetal development, use of three-dimensional/four-dimensional ultrasound in prenatal diagnosis.

Prenatal diagnosis:

Ultrasonographic assessment of pregnancies at risk of thalassaemia; early intrauterine physiological changes of Bart's disease; biochemical and ultrasound screening for fetal Down's syndrome; clinical application of rapid aneuploidy screening; hematopoietic stem cell culture from umbilical cord blood.

Postgraduate Admissions Advisor
 Professor W.S.B. Yeung
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 Fax: 2855 0947
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Department of Orthopaedics and Traumatology

<http://www.hku.hk/ortho/ortho/>

Major Research Areas

Orthopaedic biomechanics:

Biomechanics of the spine; biomechanical analysis of lumbar interbody fusion; biomechanics of finger fracture fixations; tendon rehabilitation; biomechanical studies of flexor tendon injuries; new artificial finger joint design; spinal modelling; spinal implant; Spinal fixation implant design & development; bone remodelling after total hip replacement; shape memory alloy in spine surgery; biomechanics of sport injuries; cell biomechanics and Micro/nano-biomechanics.

Molecular and cell biology:

Experimental scoliosis and surgical treatment without fusion in primates; role of the pineal gland in the causation of scoliosis; genetic mutations in degenerative lumbar disc disease; neurotrophism and neurotrophism in peripheral nerves; molecular basis of bone healing and fracture repair; gene mutations in degenerative disc disease; genetic profiles of bone tumours; stem cell therapy.

Orthopaedic biomaterials and tissue engineering:

Bone and tendon tissue engineering; peripheral nerves and microarterial tissue engineering and grafting; intervertebral disc tissue engineering and grafting; new total hip arthroplasty design and joint replacement surgery; bone remodelling after total hip replacement; shape memory alloy and bioactive bone cement in spine surgery; biomaterials of finger fracture fixations; tissue engineering in guided bone and skin regeneration; allograft docking and union properties; biomaterials for cell encapsulations and drug release.

Orthopaedic neurophysiological:

Neurophysiological diagnosis of spinal disorder and spasticity in cerebral palsy; neurotrophism and neurotrophism in peripheral nerves; motor and sensory evoked potential during spinal surgery; spinal muscle EMG; functional electrical stimulation in spasticity and paralysis; EMG of low back pain; neurorehabilitation after spinal cord injury.

Departmental Requirements

- 1) Written presentation of a literature review (at 3 months) and research proposal (at 6 months).
- 2) Presentation of research seminars quarterly. Publication of papers is strongly encouraged.

Postgraduate Admissions Advisor
 Dr W.W. Lu
 Tel: 2819 9595
 Fax: 2818 5210
 Email: wwlu@hkusua.hku.hk

Department of Paediatrics and Adolescent Medicine

<http://www.hku.hk/paed>

Major Research Areas

Childhood cancers and thalassaemia syndromes: Cytogenetic and molecular diagnosis of leukaemia and solid tumour; clinical and genetic studies on thalassaemia syndromes; in vitro study of traditional Chinese medicine on neurogenic tumours; haematopoietic stem cells differentiation.

Paediatric epidemiology and biostatistics:

Child health issues, including growth, obesity, asthma and clinical trials.

Growth and endocrine disorders:

Growth and follow-up studies in normal and small for gestational age babies; nutrition, lipids and growth; childhood diabetes and its complications; long-term health consequences of growth impairment in early life.

Paediatric cardiology:

Three-dimensional echocardiographic reconstruction for congenital heart disease; clinical applications of dobutamine stress echocardiography in children; assessment of diastolic function by colour tissue Doppler and acoustic quantification; long-term outcome studies after corrective and palliative surgery for congenital heart disease; clinical studies of interventional cardiac catheterization; non-invasive assessment of arterial distensibility and vascular endothelial function; ventriculo-arterial coupling in congenital and acquired heart disease.

Human molecular genetics:

Molecular genetics of sexual differentiation disorders, neurodegenerative disorders, diabetes mellitus and growth disorders.

Neural injuries and degeneration:

Molecular and cellular mechanisms involved in hypoxic-ischaemic and hyperbilirubinaemic neural injuries, and motor neuron degeneration and regeneration, including study of differential gene expressions and use of genetic manipulations to explore and test novel therapeutic strategies for these disorders.

Molecular developmental biology:

Characterization of genes involved in heart development and congenital heart defects; role of epidermal growth factor in development by transgenic mice; signal transduction pathways of RET receptor tyrosine kinase.

Child neurology:

Neurophysiological evaluation of peripheral and central nervous system; database on cerebral palsy, neurofibromatosis, tuberous sclerosis, neuromuscular diseases, attention deficit hyperactivity disorder and autistic spectrum disorders; molecular genetic studies on various neurological disorders in Chinese; neurophysiological studies on neurodevelopmental disorders; comprehensive epilepsy programme including video-EEG monitoring and presurgical evaluation; use of

functional independence measure (WeeFIM) as outcome measure for neurorehabilitation; integration of traditional Chinese medicine in neurohabilitation (tongue acupuncture and traditional Chinese and herbal medicine); neurohabilitation model; functional neuroimaging study, MRI and PST scan for brain plasticity.

Immunology:

Cord blood dendritic cell and T cell development; mannose-binding lectin; SNPs and STRs in immunological and infectious diseases; vaccines study disease; epidemiology of allergic diseases.

Cytokine biology and cancer virology:

Host response to virus infection (HIV and avian influenza viruses); biology of cytokine and interferon-signaling pathways and gene regulation; pathogenetic role of tumour viruses in cancer development.

Departmental Requirements

Candidates may be required to sit a qualifying examination before admission. There is a strong emphasis on publication and presentation of research findings.

Postgraduate Admissions Advisors

Dr P.T. Cheung

Tel: 2855 4207

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Dr A.S. Lau

Tel: 2855 4091

Fax: 2855 1523

Email: asylau@hku.hk

Department of Pathology

<http://www.hku.hk/patho>

Major Research Areas

Histopathology & molecular oncology:

Forensic pathology; patterns of injury in homicides in Hong Kong; patterns of injury and their prevention in traffic fatalities; craniofacial measurements and their use in human identification and recognition; medico-social aspects of victim care; injury patterns in homicides.

Contact Person

Dr P.S.L. Beh

Tel: 2855 4863

Fax: 2872 5197

Email: philipbeh@pathology.hku.hk

Laboratory based studies of tumours of the urogenital system and thyroid.

Contact Person

Dr K.W. Chan

Tel: 2855 4874

Fax: 2872 5197

Email: kwchan@pathology.hku.hk

Molecular Genetics of Colorectal Cancer.

Contact Person

Dr C.T.L. Chan

Tel: 2855 5829

Fax: 2872 5197

Email: kelvinc@pathology.hku.hk

Genetics and epigenetics in breast and gynaecological cancers; functional studies of risk associated genes in breast cancer.

Contact Person

Dr K.Y.K. Chan

Tel: 2855 4871

Fax: 2872 5197

Email: kelvinc@pathology.hku.hk

Molecular genetics in diseases of the female genital tract including gynaecological cancers and gestational trophoblastic disease. Genetic susceptibility and signaling pathways of carcinogenesis and metastasis-related genes are some of the research topics.

Contact Person

Professor A.N.Y. Cheung

Tel: 2855 4876

Fax: 2872 5197

Email: anycheun@pathology.hku.hk

Identification of molecular signaling pathway important for cancer metastasis; functional characterization of oncogenes and tumor suppressor genes involved in liver cancer.

Contact Person

Dr W.Y.P. Ching

Tel: 2819 9656

Fax: 2872 5197

Email: ypching@pathology.hku.hk

Genetic and epidemiological study of breast cancer; genetic susceptibility to SARS coronavirus; cancer genetics and epigenetics in breast and gynaecological cancers; studies on Breast Cancer Susceptibility genes BRCA-1 and BRCA-2 in breast and ovarian cancer.

Contact Person

Dr U.S. Khoo

Tel: 2855 4410

Fax: 2872 5197

Email: uskhoo@pathology.hku.hk

Molecular genetic and functional analyses of novel genes and important cellular pathways in liver cancer.

Contact Person

Professor I.O.L. Ng

Tel: 2855 4875

Fax: 2872 5197

Email: iolng@hku.hk

Pathogenetic roles of viruses in NPC and other infectious diseases of the respiratory tract.

Contact Person

Dr J.M. Nicholls

Tel: 2855 4883

Fax: 2872 5197

Email: nicholls@pathology.hku.hk

Molecular genetics in malignancies of the colon and stomach.

Contact Person

Professor S.Y. Leung

Tel: 2855 4401

Fax: 2872 5197

Email: syleung@pathology.hku.hk

Molecular mechanisms and significance of the aberrant nuclear BCL10 expression and constitutive NF- κ B activation in NK neoplasms; identification of tumor suppressor genes in the commonly deleted region of 6q in NK neoplasms by employing array-CGH and epigenetic approach; role of the novel immunoglobulin translocation partner genes in the pathogenesis of gastric lymphoma.

Contact Person

Professor G Srivastava

Tel: 2855 3967

Fax: 2872 5197

Email: gopesh@pathology.hku.hk

Molecular genetics and clinicopathological studies of lung cancers including analyses of genomic imbalances, expression profiles, cancer gene mutations and their relation with patients' clinical parameters such as smoking history.

Contact Person

Dr M.P. Wong

Tel: 2855 4861

Fax: 2872 5197

Email: mwpik@hkucc.hku.hk

Molecular biology of important regulators in liver cancer.

Contact Person

Dr J.W.P. Yam

Tel: 2819 9656

Fax: 2872 5197

Email: judyyam@pathology.hku.hk

Haematology:

Major research area is understanding cellular and molecular pathways mediating haemopoietic stem cell renewal, proliferation and differentiation. Experimental approaches include cloning of chromosomal breakpoints of haemopoietic malignancies, cellular localisation studies, microarray analysis, gene targeting of embryonic stem cells and mouse models of human leukaemias.

Contact Person

Professor L.C. Chan

Tel: 2855 4882

Fax: 2872 5197

Email: chanlc@pathology.hku.hk

Phenotypic and genotypic studies of thalassaemias, haemoglobinopathies and lymphoid disorders.

Contact Person

Dr J.C.C. So

Tel: 2855 4570

Fax: 2817 7565

Email: scc@pathology.hku.hk

Immunology:

Dendritic cells & immune regulation in immunity & autoimmunity. We study the mechanisms of immune regulation in health and in disease, with a particular emphasis on the roles of dendritic cells (DC) in immunity and autoimmunity. Our current research topics include:

1. DC & immune regulation in systemic lupus erythematosus;
2. Functional conditioning of dendritic cells for DC-based tumor vaccine;
3. DC & T regulatory cells;
4. DC & cell death;
5. DC heterogeneity & functional diversity.

Contact Person

Dr F.P. Huang

Tel: 2855 4864

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Email: fphuang@hkucc.hku.hk

Lymphocyte development and its dysregulation in autoimmune disease.

We are interested in studying lymphocyte development and its dysregulation during the pathogenesis of autoimmune disease. Using an animal model for human rheumatoid arthritis, we are developing novel strategies for targeting TNF family cytokines in treating autoimmune arthritis.

Contact Person

Dr L.W. Lu

Tel: 2855 4870

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Email: liweilu@hkucc.hku.hk

Departmental Requirements

Presentation of research seminar at least once a year and before submission of thesis.

Attendance of at least 70% of departmental seminars held during course of studies.

Postgraduate Admissions Advisor

Dr L.W. Lu

Tel: 2855 3967

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Email: postgrad@pathology.hku.hk

Department of Pharmacology

<http://www.hku.hk/pharma>

Major Research Areas

Vascular biology and pharmacology:

Endothelial control of vascular tone and growth in health and disease; regulation of cardiovascular function by steroid hormones; effects of estrogen, phytoestrogens and other steroid sex hormones on vascular systems; ion channels in vascular cell; pharmacology of adenosine receptors and transporters.

Gastrointestinal disorders and inflammation:

Study of the mechanisms of cigarette smoking and probiotics on ulcer healing and cancer formation in the gastrointestinal tract; investigation of the interactive relationship between superoxide and nitric oxide in the pathogenesis of inflammatory diseases; study of the pathogenesis and therapeutic intervention of inflammatory bowel diseases and colorectal cancer; effects of sleep deprivation in gastrointestinal disorders.

Chinese medicine:

Isolation of the active ingredients from different Chinese herbs and study of their anti-inflammatory actions for the treatment of gastrointestinal and hepatic disorders (e.g. gastritis, hepatitis and colitis); action of Chinese medicines and their effects in vascular disorders; mechanistic studies of effects of Chinese herbal medicines and green tea on gastrointestinal disorders, obesity, adjunctive chemotherapy and ageing.

Drug metabolism:

Metabolic bioactivation of xenobiotics; chemical scavenging of reactive metabolites and downregulation of cytochrome P450 expression by bacterial endotoxins.

Toxicology:

Pharmacologic modulation of oxidant-induced tissue injury; antioxidant defence mechanisms in pathological states of oxidative stress; redox regulation of the expression of proinflammatory mediators by transcriptional factors; role of repair enzymes in DNA damage and cell death.

Departmental Requirements

Participation in journal club and presentation of research seminars at least once a year.

Postgraduate Admissions Advisor

Professor R.Y.K. Man

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Email: pharma@hku.hk

Department of Physiology

<http://www.hku.hk/physio/>

Major Research Areas

Cardiovascular physiology:

Neural and endocrine control of the cardiovascular system; cardioprotection of preconditioning and sex

hormones; control of blood flow in skeletal muscle, nose and salivary glands; cardiovascular responses to acute hypoxia.

Contact Person

Dr H. Ballard

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Email: ballard@hkucc.hku.hk

Neurosciences:

Neural coding of spatial recognition; development - synaptic plasticity and neuron migration; neural regeneration after trauma; neuroprotection of dopamine neurons in Parkinson's disease; motor system in normal subjects and patients with motor disorder.

Contact Person

Professor Y.S. Chan

Tel: 2819 9263

Fax: 2855 9730

Email: yschan@hkucc.hku.hk

Cell and molecular physiology:

Ca²⁺ homeostasis and signaling mechanisms; gene expression of neuropeptides.

Contact Person

Professor T.M. Wong

Tel: 2819 9194

Fax: 2855 9730

Email: wongtakm@hkucc.hku.hk

Pathophysiology:

Physiological responses to hypoxia and ischaemia.

Contact Person

Dr M.L. Fung

Tel: 2819 9234

Fax: 2855 9730

Email: fungml@hkucc.hku.hk

Endocrinology/neuroendocrinology:

Adrenomedullin, a new paracrine hormone, in reproduction and metabolism.

Contact Person

Professor F. Tang

Tel: 2819 9269

Fax: 2855 9730

Email: ftang@hkucc.hku.hk

Experimental therapeutics:

Physiology and pharmacology of natural and synthetic small- and macro-molecules on normal and cancerous tissue growth.

Contact Person

Dr S.Y.W. Shiu

Tel: 2819 9261

Fax: 2855 9730

Email: sywshiu@hkucc.hku.hk

Departmental Requirement

Presentation of at least one departmental seminar.

Postgraduate Admissions Advisor

Professor T.M. Wong

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Department of Psychiatry

<http://www.hku.hk/psychi/>

Major Research Areas

Molecular and clinical psychopharmacology:

Study of neurotransmitter receptors and their interactions with psychoactive compounds at the molecular level; study of mechanism of actions of antidepressant and antipsychotic compounds at the clinical level.

Contact Person

Professor S.W. Tang

Email: micatang@yahoo.com

Clinical health psychology:

Psychosocial oncology; liver transplantation; youth mental health problems, suicide, and early intervention; women's health; weight and eating problems; applications of cognitive behavioural therapy in psychiatric disorders, including panic disorder, depression, anxiety disorders, and schizophrenia; development of pain assessment instruments; psychosocial impact of chronic illnesses, including diabetes mellitus, thalassaemia major; early intervention and detection of dementia; psychological issues and interventions in organ transplantation; applications of indigenous and western approaches in psychotherapy.

Contact Persons

Professor P.W.H. Lee or Dr A. Lee

Email: hrmclwh@hku.hk or amlee@hkucc.hku.hk

Psychotherapy and human sexuality:

Applicability and adaptation of psychotherapy and sex therapy in Chinese and Hong Kong culture; psychotherapeutic processes in Chinese and their relation with statistical, mathematical or physical models; sexual beliefs, attitudes, behavior and practices of Chinese in different regions of China; methods and effects of sex education and psychotherapy training.

Contact Person

Professor M.L. Ng

Email: hrmcnml@hku.hk

Cognitive neuropsychiatry:

Elucidation of abnormal psychological processes with cognitive science and neuropsychology methods: evolution of psychotic symptoms, illness awareness, executive function, attention impairments, motor system dysfunction, semantic memory impairments; characterization of neurocognitive impairments; development of new assessment paradigms; use of neurocognitive markers in prognostic and intervention prediction; prospect of cognitive remediation;

neurocomputational modelling: use of information technology and computer models in the study of thought processes and their disturbances.

Contact Person

Dr E. Chen

Email: eyhchen@hku.hk

Psychotic disorders studies and intervention (PSI) programme:

Neurocognitive function: neurocognitive impairments; definition of recovery pattern and factors affecting neurocognitive outcome; use of neurocognitive markers in prognostic and intervention prediction; prospect of cognitive remediation.

Psychopathology: natural history of symptoms and abnormal experiences, prodromal states; experiential issues and knowledge of illness: subjective aspects of psychosis integration of illness experience, recovery, quality of life, recovery experience of care giving, stigmatization; Intervention: psychopharmacology of antipsychotics and other medications, cognitive and motor side effects, pharmacogenetics, development and prediction of treatment resistance; suicide prevention; psychoeducational group therapy.

Contact Person

Dr E. Chen

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Ethics and law:

Interface between law, ethics and medicine, especially within psychiatry: capacity of patients to give consent to treatment; decision-making about maintenance treatment in psychotic patients; diagnosis disclosure in dementia; health care advance directives; genetic discrimination in schizophrenia; methods and effects of medical education on ethical and legal aspects, professionalism and role modeling.

Contact Person

Dr J. Wong

Email: jgwswong@hku.hk

Women's health:

Understanding and promotion of women's physical and mental health through a holistic approach that integrates knowledge and research methodologies in health psychology and social medicine: development of locally valid research and clinical instruments for assessing various areas of women's health; study of premenstrual and menstrual distress among Chinese women; psychocultural context of menopause; psychological intervention for patients with gynecological cancers; disordered eating and body image problems among pregnant women; decision-making processes in obstetrics and gynecological settings; culture, gender, health.

Contact Person

Dr A. Lee

Email: amlee@hkucc.hku.hk

Brain imaging:

Magnetic resonance imaging (MRI) study of complex brain disorders involving mood, speech, cognition and behavioural systems, to explore potential multiple links to various psychiatric disorders (schizophrenia, autism and hyperactivity) by analysis of brain voxels.

Contact Persons

Dr S.E. Chua
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Dr G.M. McAlonan

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Child psychiatry:

Executive functions and motivation in children and young adults with regard to school performance; language deficits and training of autistic children; psychophysiology of attentional and hyperactive disorder in childhood; family studies of children with psychiatric disorders.

Contact Persons

Dr T.P. Ho
Tel: 2855 3095

Professor S.W. Tang

Email: micatang@yahoo.com

Sleep disorders:

Epidemiology, clinical presentation, etiology and treatment of major sleep disorders; measurement of sleepiness; sleep apnea.

Contact Person

Dr K.F. Chung
Email: kfchung@hku.hk

General psychiatric treatment and rehabilitation:

Public perception of mental illness; psychiatric stigma; electroconvulsive therapy.

Contact Person

Dr K.F. Chung
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Postgraduate Admissions Advisor

Professor P.W.H. Lee
Email: hrmclwh@hku.hk

Department of Surgery

<http://www.hku.hk/surgery/postgraduateStudy/Programme.html>

Major Research Areas

Basic surgical science:

Surgical oncology: cancer genetics; gene therapy; global gene expression profiling in human diseases by micro-array analysis; cancer proteomics; cancer biomarkers.

Development: developmental genetics; molecular mechanism and signaling in neural development; conditional knockout mouse model.

Immunology: transplantation immunology; mechanism of immune tolerance induction; molecular and cellular basis of inflammation; cell adhesion molecules; leukocyte activation and migration; immune response to hepatitis.

Contact Person

Dr Vincent Lui
Tel: 2819 9607
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Breast cancer and surgery:

Clinical projects: Prognostic significance of micrometastasis in breast cancer; study of acute phase response after operation; study of wound healing and relation of healing with matrix metalloproteinases.

Laboratory projects: Histoculture drug response assay; induction of apoptosis by polysaccharide peptide (PSP) on breast cancers; molecular mechanism of apoptotic action of PSP; molecular mechanism of tumor invasion; detection of micrometastasis in breast cancer by molecular approaches.

Contact Person

Dr George K.H. Li
Tel: 2855 4773/4760
Fax: 2817 2291
Email: georgeli@hkucc.hku.hk

Cardiothoracic surgery:

Clinical projects: Analysis of long term results of CABG in patients with diabetes mellitus; multivariate analysis of mortality and morbidity in redo valvular replacement, multivalent off-pump coronary bypass surgery, infective endocarditis and aortic aneurysm surgery; analysis of long term survival in congenital cardiac surgery such as Fontan operation, arterial switch operation and adolescent tetralogy of Fallot; analysis of relationship between subarterial ventricular septal defect and aortic valve prolapse: determination of timing of surgical correction; correlation of intraoperative cerebral blood flow doppler assessment and postoperative psychoneurological dysfunction.

Contact Person

Dr L.C. Cheng
Tel: 2518 2639/2630
Fax: 25533436
Email: lccheng@graduate.hku.hk

Colorectal cancer:

Clinical projects: Total mesorectal excision of rectal cancer; adjuvant radiotherapy and chemotherapy for Dukes' B2 and C tumor after curative resection (in collaboration with Department of Radiotherapy and Oncology; Queen Mary Hospital); familial and hereditary colorectal cancer; laparoscopic procedures for colorectal cancer; surgery for recurrent cancer, haemorrhoids; anal physiology and adhesion.

Contact Person*Dr Judy Ho**Tel: 2855 4762**Fax: 2872 8425**Email: judyho@hkucc.hku.hk***Endocrine surgery:**

Clinical projects: Parathyroid autotransplantation: clinical and molecular studies; risk group analysis in thyroid carcinoma.

Laboratory projects: Oncogene expression in thyroid and endocrine tumors; rapid PTH assay in parathyroid surgery; ret-protooncogene expression in papillary carcinoma of thyroid; genetic study of multiple endocrine neoplasia syndromes; proteomics of PTC.

Contact Person*Professor C.Y. Lo**Tel: 2855 4773**Fax: 2817 2291**Email: cylo@hkucc.hku.hk***Esophageal surgery:**

Clinical projects: Preoperative chemoradiation for treatment of esophageal cancer; chemoradiation as definitive palliative treatment for esophageal cancer; intraluminal brachytherapy for treatment of esophageal cancer; metallic stenting for esophageal cancer; thoracoscopic esophageal resection for esophageal and hypopharyngeal cancer; minimal access surgery for achalasia; swallowing disorders: manometry; gastroesophageal reflux disease in Chinese; quality of life in patients with esophageal cancer; endoscopic ultrasound in staging of esophageal cancer.

Laboratory projects: Molecular genetics of esophageal cancer; proteomic biomarkers.

Contact Person*Professor S. Law**Tel: 2855 4774**Fax: 2819 4221**Email: slaw@hkucc.hku.hk***Gastroduodenal surgery:**

Clinical projects: Foreign body ingestion; ulcer disease and their complications (e.g., laparoscopic surgery, therapeutic endoscopy for bleeding, management of perforated ulcer); helicobacter pylori infection; gastric tumours (adenocarcinoma, gastrointestinal stromal tumour, lymphoma); upper gastrointestinal endoscopy; endoscopic ultrasonography.

Laboratory projects: Ulcer diseases (e.g., growth factors, ulcerogenesis); gastric adenocarcinoma (e.g., molecular genetics, novel therapeutic approaches); gastric stromal tumor (e.g., molecular genetics).

Contact Person*Professor K.M. Chu**Tel: 2855 4637**Fax: 2819 4221**Email: chukm@hkucc.hku.hk***Head and neck surgery:**

Clinical projects: Reconstructive options after major resections in head and neck region; whole organ histological section to study patterns of tumor extension; nutritional study for patients undergoing major head and neck surgery; effects of radiotherapy on free tissue transferred with microvascular technique; nasopharyngeal cancer; hearing problems.

Contact Person*Professor W. Wei**Tel: 2855 4237**Fax: 2818 4407**Email: hrmswwi@hkucc.hku.hk***Hepatobiliary and pancreatic surgery:**

Clinical projects: Hepatocellular carcinoma: cryotherapy, randomised controlled trials including non-operative treatment, surgical techniques and adjuvant therapy after hepatic resection; liver transplantation: clinical application of living related liver transplant in adults; biliary pancreatitis, acute cholangitis, intrahepatic stones, malignant biliary obstruction; endoscopic and laparoscopic ultrasonography.

Laboratory projects: Liver transplantation - animal model for small size liver transplant and artificial liver support; hepatocellular carcinoma—hepatocarcinogenesis and hepatitis B virus, angiogenesis; metastasis and novel therapeutics.

Contact Persons*Professor S.T. Fan (Email: hrmsfst@hkucc.hku.hk) or**Professor Ronnie Poon (Email: poontp@hkucc.hku.hk)**Tel: 2855 4703**Fax: 2818 4407***Neurosurgery:**

Clinical projects: Platelet function in neurosurgical patients; external ventricular drain and CSF shunt infection; trauma system and head injury management; immune response in neurosurgical and endovascular procedures; biology of intrinsic brain tumours; cerebro-protection and regenerative therapy for brain trauma.

Contact Person*Dr Gilberto K. K. Leung**Tel: 2855 3368/3773**Fax: 2818 4350**Email: gilberto@hkucc.hku.hk***Otorhinolaryngology (Ear, Nose & Throat):**

Clinical projects: Acoustic rhinomanometry in children; turbinectomy for hypertrophic inferior turbinate; orbital decompression for thyrotoxicosis; cochlea implant for children; otoacoustic emission for screening of high-risk newborn babies; dizziness and balance problems.

Contact Person*Professor P.W. Yuen**Tel: 2855 4394**Fax: 2819 3790**Email: pwyuen@hku.hk*

Paediatric surgery:

Clinical projects: Metabolic response of neonates to major surgery; biliary atresia and choledochal cyst; liver transplantation; experimental small bowel transplantation; intestinal ischaemia-reperfusion; transplantation immunology; childhood cancers; dendritic cell biology in transplantation and anti-tumor therapy.

Laboratory projects: Developmental biology; molecular genetics and pathology of Hirschsprung's disease and related neural crest disorders; embryonic and fetal development of gut; cellular mechanisms involved in VACTERL association, including esophageal atresia and duodenal atresia.

Contact Person

Professor P.K.H. Tam

Tel: 2855 4850/3536

Fax: 2817 3155

Email: paultam@hkucc.hku.hk

Plastic and reconstructive surgery:

Clinical projects: Effect of growth factors on wound healing after radiotherapy; keloid and hypertrophic scars.

Contact Person

Professor W. Wei

Tel: 2855 4237

Fax: 2818 4407

Email: hrmswwi@hkucc.hku.hk

Urology:

Clinical projects - Molecular study of bladder cancer; day surgery for ureteric stone; surgical treatment of male infertility; various treatment options for erectile dysfunction; medical and surgical treatment of benign prostatic hyperplasia; evaluation & treatment of prostatitis; urethral sphincter physiology.

Laboratory project: Molecular study of bladder cancer.

Contact Person

Dr P.C. Tam

Tel: 2855 3023

Fax: 2872 8425

Email: tampc@ha.org.hk

Vascular disease and surgery:

Clinical projects: Prospective study correlating demographic and biochemical risk factors and the severity and degree of progression and the long-term natural history of atherosclerosis in patients with peripheral arterial diseases; study, using ultrasonography, of the prevalence and the risks of deep-vein thrombosis in the Chinese population; computer-assisted carotid plaque morphology.

Laboratory projects: Study of the molecular basis and cellular signaling involved in the pathogenesis of abdominal aortic aneurysms; expression of different cellular receptors and the modulators of extracellular matrix protein in human aneurysmal aortic wall.

Contact Person

Professor S.W.K. Cheng

Tel: 2855 4962

Fax: 2855 4961

Email: wkcheng@hku.hk

Departmental Requirements

Students are required to attend and give presentation at departmental research meetings and research laboratory meetings. There will be a laboratory induction course in September and January each year for newly registered research students. All students are required to pass the laboratory safety test prior to bench work.

Postgraduate Admissions Advisor

Dr J.M.C. Luk

Tel: 2819 9628

Fax: 2819 9636

Email: jmluk@hkucc.hku.hk

School of Chinese Medicine

<http://www.hku.hk/chinmed>

Major Research Areas

Literature Studies:

To focus on the literature research on comparison of Chinese and Western medicine.

Clinical trials and experimental study on efficacy and mechanisms of Chinese medicine in prevention and treatment of psychosomatic diseases:

To focus on menopause syndrome, depression and dysmenorrhea.

Contact Person

Professor Y. Tong

Tel: 2589 0436

Fax: 2872 5476

Email: tongyao@hku.hk

Rule of the compatibility of prescription in Chinese medicines:

The rule of compatibility of Chinese herb (medicines) is an important subject in Chinese medicine. This research related to theory and experiment in the prescription of Chinese medicine for ischemia heart disease, female cancer and hepatic diseases. The analysis will be conducted mainly from the perspectives of phytochemistry and pharmacology.

Mechanisms of extracts of Chinese herb in protecting cardio myocytes from hypoxia-reoxygenation injury:

To examine and assess the mechanisms and benefits of Chinese herbs in myocardial ischemia. Pharmacology, molecular biology and chemical analysis will be dealt with in this research.

Contact Person

Dr J.P. Chen

Tel: 2589 0479

Fax: 2872 5476

Email: abchen@hku.hk

Internal Chinese medicine and clinical Chinese Materia Medica:

From the perspectives of traditional Chinese medicine and biomedicine as well as science, the research will concentrate on clinical trial and experimental study for hard-to-cure diseases, such as cancer, hepatic diseases, and renal diseases by using recently developed techniques in molecular biology and immunology.

Pharmacology and toxicology of Chinese medicines:

Research will focus on the following topics:

Pharmacological action and its mechanism of Chinese medicines; pharmacological screening and safety evaluation of Chinese medicines; methodology of Chinese medicines research and multiple disciplinary researches of TCM; standardization and quality control of Chinese medicines.

Contact Person

Dr Y.B. Feng

Tel: 2589 0482

Fax: 2872 5476

Email: yfeng@hku.hk

Cultural studies on Chinese medicine:

To study the origin, forming and development of Chinese medicine from the cultural perspective; to compare and analyze the similarities and differences of the culture of Chinese and Western medicine; and to give a cultural interpretation for the development of Chinese medicine in the future.

Literature studies on Chinese medicine:

To systematize the ancient literature on Chinese medicine, and to study and determine the status of such medical literature as well as related practitioners at the history of Chinese medicine development, so as to work out an textual criticism edition to facilitate future study and research in Chinese medicine.

Study on the effectiveness of acupuncture at different time:

To study on the effectiveness of acupuncture and moxibustion at different points at different time on different index of different objects, and to go further into the principles governing acupuncture and moxibustion.

Contact Person

Dr L. Li

Tel: 2589 0487

Fax: 2872 5476

Email: chinmed@hku.hk

Clinical trials and experimental study on the efficacy and the mechanisms of Chinese medicine in prevention and treatment of ischemic stroke and diabetes:

Ischemic stroke and diabetes are aging-related diseases. The study will develop multidisciplinary approaches to evaluate the efficacy and potential mechanisms of Traditional Chinese Medicine (TCM) on prevention and treatment of ischemic stroke and type 2 diabetics, including quality control studies of TCM, medical diagnostic imaging studies, and biochemistry and molecular biology studies. The major research direction will focus on the effects of TCM against oxidative stress in ischemic stroke and type 2 diabetics.

Contact person

Dr J.G. Shen

Tel: 2589 0487

Fax: 2872 5476

Email: chinmed@hku.hk

Molecular biology and quality evaluation of Chinese medicine and formulation:

The research will focus on resource authentication of Chinese medicine and quality evaluation of formulation, the efficacy of Chinese medicine in molecular biology level.

Contact person

Dr Y.B. Zhang

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Fax: 2168 4259

Email: ybzhang@hku.hk

Therapeutic effects of Chinese medicine and mechanisms of their actions on premenstrual dysphoric disorder (PMDD):

PMDD is an extreme form of premenstrual syndrome which affects approximately 75% of women worldwide. A large number of Chinese medicines and formulae are claimed to have the potentials for alleviating symptoms associated with PMDD. The objective of the proposed project is to identify Chinese herbs and their constituents that may possess effects in reducing PMDD-like behavior in animal models and determine biochemical, cellular, and molecular mechanisms of their actions.

Contact Person

Dr Z.J. Zhang

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Postgraduate Admissions Advisor

Professor Y. Tong

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Email: tongyao@hku.hk

FACULTY OF Science



The Faculty of Science boasts a long history of excellence in basic research and a team of outstanding scholars from around the world with a wide range of research expertise. In recent years, the Faculty has also placed increasing emphasis on, and achieved remarkable progress in, applied and strategic research.

The goal of the Faculty is to train the next generation of science and scientifically aware graduates, and through its teaching and research to add significantly to scientific knowledge and practice.

The Faculty brings together eight departments: Botany, Chemistry, Earth Sciences, Ecology & Biodiversity, Mathematics, Physics, Statistics and Actuarial Science and Zoology. A number of research centres, as well as affiliations with external organizations within Hong Kong and further abroad, have also been established. In addition, members of the Faculty have extensive research interactions with the Government and industry sectors.

The Faculty has some of the best-equipped and modern research laboratories available within the region, and its research facilities generally are excellent. Students also enjoy access to the University's library facilities, which are of international quality.

The Faculty attracts a significant portion of the total research funds awarded to the University from the RGC, CERG, RGC Co-operative Research Centres Scheme and the Innovation and Technology Fund. In addition to such research income, the Faculty has successfully won grants from the Industry Support Fund, as well as research contracts and funding from a variety of sources.

The Faculty currently has over 400 research students from more than 11 countries.

[Note: The School of Biological Sciences, encompassing the Departments of Botany, Ecology & Biodiversity, and Zoology, will be established in academic year 2007-2008]

Department of Botany

<http://www.hku.hk/botany>

Major Research Areas

Biotechnology:

In situ protease detection technologies; high-throughput single nucleotide polymorphisms (SNPs) discovery and detection technologies; functional genomics via global protein tagging using AFP-Exon tapping; application of

double-stranded RNA as a novel strategy for viral resistance in animals; expression of plant defense proteins in transgenic crops; micropropagation of local orchids.

Molecular biology:

Molecular biology of microbial dehalogenases, yeasts, acyl-CoA binding proteins in Arabidopsis; cloning of plant metal-binding protein genes; cloning of ethylene biosynthesis and receptor genes; ethylene biosynthesis in ripening fruits; plant signal transduction; plant cell cytoskeleton; microspore culture; in situ hybridization; production of transgenic plants; pesticide residues in vegetable crops; post-harvest physiology and preservation of lychees; agricultural development in southern China; wastewater treatment by aquatic plants, integrated bacterial-microalgal systems and genetic engineering.

Food science:

Development of health foods; genetic resources and nutritional properties of Amaranthus, wheat and yam; wheat-based composite flours; structure-function relation of food proteins; chemical modifications of proteins from soymilk residues; seaweed-derived food polysaccharides; starch and starch products in food processing; rheology, viscosity and texture in food processing; heat transfer in porous food materials; ginseng processing by microwave techniques; fermentation technology; microalgal biotechnology; plant cell and organ cultures; separation and purifications of carotenoids by HPLC.

Departmental Requirement

For MPhil Students: Participation and presentation in research seminars and/or guided study.

For PhD students: Participation and presentation of seminars; any other specific departmental requirements.

Postgraduate Admissions Advisor

Dr W.K. Yip

Tel: 2299 0328

Fax: 2858 3477

Email: wkyip@hkucc.hku.hk

Department of Chemistry

<http://chem.hku.hk/>

Major Research Areas

Analytical chemistry:

Atomic spectroscopy; sample introduction methods for atomic sources; automation in chemical analysis; analytical techniques for environmental pollutants and food additives; capillary and microchip capillary

electrophoresis; biological mass spectrometry and proteomics applications.

Inorganic chemistry:

Inorganic and organometallic photochemistry (including studies in microheterogeneous media); asymmetric synthesis and organic oxidation using metal complexes; structure and properties of high nuclearity metal clusters; biomimetic models for nitrogen transfer reactions; chemistry of lanthanides; metal-alkylidyne and -alkylidene complexes; metal-protein interactions; supramolecular chemistry; molecular recognition and chemosensing; recognition and cleavage of DNA by metal complexes; molecular metal-based materials with novel properties.

Materials research:

Light emitting materials; nanoparticles; catalysts and materials for green oxidation; materials for organic solar cells.

Organic chemistry:

Synthetic organic chemistry: new synthetic methods, asymmetric catalysis, total and enantioselective synthesis of natural products; chemical biology of natural products; chemical and biological oxidation reactions; design, synthesis and applications of foldamers and peptidomimetics; drug design and synthesis.

Polymer chemistry and synthesis:

Synthesis and characterization of polymers with potential applications in photonics, electronics, and organic transformations.

Physical chemistry:

Molecular simulation: Monte Carlo and molecular dynamics calculations; electrochemistry: scanning probe microscopy, fuel cells and sensors, advanced lithium battery, electroplating techniques; molecular reaction kinetics and dynamics; solution phase chemical dynamics; theoretical investigation of electrical and optical properties of polymeric materials; theoretical and computational biophysics including protein folding and charge transfer in biomolecules; reaction mechanisms and chemical intermediates; physical organic chemistry; energetics, structures and mechanisms of gas-phase ions fragmentation.

Spectroscopy:

High resolution laser and IR spectroscopy of small molecules; resonance Raman spectroscopy; NMR: new pulse sequences employing magnetic field gradients; ultrafast time-resolved spectroscopy; time-resolved resonance Raman spectroscopy.

X-Ray crystallography:

Structural chemistry.

Biological chemistry:

Structure determination of biomolecules; interaction, dynamics and functional studies of biomolecules and drugs (and metallodrugs); development of new experimental and computational methods for high throughput structure determination of biomolecules by NMR spectroscopy.

Departmental Requirements

For MPhil students: Participation and presentation in research seminars and/or guided study.

For PhD students: Participation and presentation of seminars; any other specific departmental requirements.

Postgraduate Admissions Advisor

Professor D.L. Phillips

Tel: 2859 2160

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Email: chemmail@hku.hk

Department of Earth Sciences

<http://www.hku.hk/earthsci/index.html>

Major Research Areas

Geology of Asia/Pacific:

Tectonics; structural geology; petrology; paleontology; paleomagnetism; micropalaeontology.

Contact Person

Dr J Ali

Email: jrali@hku.hk

Evolution of oceanic and continental lithosphere:

Geology of ophiolite; crustal history; geochemistry; volcanology.

Contact Person

Dr M. Sun

Email: minsun@hku.hk

Applied geosciences and environmental reconstruction:

Geophysics; hydrogeology; engineering geology; quaternary geology; coastal management; isotope geochronology; natural and technological hazards.

Contact Person

Dr L.S. Chan

Email: chanls@hku.hk

Postgraduate Admissions Advisor

Dr J. Ali

Tel: 2857 8248

Fax: 2517 6912

Email: jali@hku.hk

Department of Ecology & Biodiversity

<http://www.hku.hk/ecology/>

Major Research Areas

The mission of the Department of Ecology & Biodiversity (including the Swire Institute of Marine Science, SWIMS) is to contribute to the understanding, conservation and management of natural environments in Hong Kong, southern China and Asia.

Core topics are wildlife conservation; marine biology (based primarily at SWIMS); microbial diversity and molecular ecology; systematics; and environmental toxicology. The Department places emphasis on Hong

Kong and southern China, and uses molecular and field-based approaches.

Ongoing research activities include unraveling the taxonomic relationships among groups of flowering plants and fungi; bioprospecting for novel compounds in fungi; the molecular ecology of extremeophiles in hot springs; radiotelemetry studies of the activities of birds, mammals and endangered turtles; reforestation of degraded hillsides; species reintroduction as a conservation tool in Hong Kong; ecology and conservation of spawning aggregations of marine fishes; intertidal ecology, particularly of rocky shores; growth and behaviour of octopuses and cuttlefish; stable isotope studies of food webs and energy flow in streams; marine ecotoxicology; and bioremediation of pollution by bacteria.

Departmental Requirements

For MPhil Students: Participation and presentation in research seminars and guided study.

For PhD students: Participation and presentation of seminars; any other specific departmental requirements.

Postgraduate Admissions Advisor

Dr G.A. Williams

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Email: hrsbwga@hkucc.hku.hk

Department of Mathematics

<http://www.hku.hk/math/>

Major Research Areas

Pure mathematics:

Algebra

Affine algebraic geometry; commutative algebra; noncommutative algebra.

Analysis

Complex analysis; differential and integral inequalities; differential equations; functional analysis; matrix theory; operator theory; partial differential equations; several complex variables.

Geometry

Algebraic geometry; calculus of variations; complex geometry; differential geometry; exterior differential systems; finite geometry; lie theory; poisson geometry; symplectic geometry.

Number Theory

Arithmetic functions; automorphic forms and L-functions; Riemann Zeta-function; Warning-Goldbach problems.

Applied and interdisciplinary mathematics:

Control theory and optimization

Combinatorics; control theory; graph theory; optimization.

Operational research and scientific computing

Mathematical modelling; operational research; scientific computing.

Interdisciplinary mathematics

Financial mathematics; mathematical biology; mathematical physics.

Departmental Requirements

Participation and presentation in research seminars and/or guided study; any other specific departmental requirements.

Postgraduate Admissions Advisor

Professor N Mok

Tel: 2859 1998

Fax: 2559 2225

Email: math@hkucc.hku.hk

Department of Physics

<http://www.physics.hku.hk/>

Major Research Areas

Condensed matter experiment:

Our group has a broad research interest including syntheses and characterization of nanostructures and nanocomposites; application of nanostructures in electronics and photonics; experiments in spintronics; metallic and semiconductor thin films and heterostructures, growth kinetics, surface structure and properties; growth of perovskite oxides and other functional materials and related heterostructures; laser spectroscopy of semiconductor quantum wells and quantum dots; electrical properties of semiconductors and defects and positron spectroscopy.

Contact person

Dr M.H. Xie

Tel: 2859 7945

Fax: 2559 9152

Email: mhxie@hkusua.hku.hk

Condensed matter theory:

Condensed matter theory is a very important research area in physical sciences not only because it addresses many fundamental physics, it has wide range of potential applications in many other fields as well. These include material science, biophysical science and even economy and finance. We have a very active research group in the field with many ongoing cutting-edge research projects in different sub-fields of condensed matter physics. Our current research interests include: (1) Strongly correlated electron systems; (2) Vortex in superconductors; (3) Quantum computation and entanglement; (4) Quantum magnetism; (5) Spintronics; and (6) Quantum transport through nanostructures.

Contact person

Dr J. Wang

Tel: 2859 7944

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Astrophysics and astronomy:

The theoretical group focuses on physics of compact objects, high energy astrophysics, and cosmology. Recent topics of interest include studying theory of gamma-ray

emission from pulsars, high energy emission from Galactic black holes, and testing cosmological models by GRB data. The observational group focuses on interstellar chemistry, stellar evolution, and cosmic-ray physics, using data from space and ground based telescopes. Recent topics of interest include multi-wavelength studies of X-ray binary systems, planetary nebulae, proto-planetary nebulae, supernovae, supernova remnants, formation of organic compound at late stages of stellar evolution, and generation of spallation neutrons by cosmic-ray muons in an underground laboratory.

Contact person

Professor K.S. Cheng

Tel: 2859 2368

Fax: 2559 9152

Email: hrspksc@hkucc.hku.hk

Quantum information:

We focus on the theoretical study of quantum information theory and quantum computation. Our aim is to prove the security of various quantum cryptographic protocols as well as getting a better understanding of how to manipulate quantum information by quantum error-correction codes. In collaboration with researchers in HP Labs, Bristol, our group has recently proven that certain quantum key distribution scheme is unconditionally secure as well as obtained a U.S. patent on certain quantum key distribution protocols.

Contact person

Dr H.F. Chau

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Departmental Requirements

For MPhil Students: Participation and presentation in research seminars and/or guided study.

For PhD students: Participation and presentation of seminars; any other specific departmental requirements.

Postgraduate Admissions Advisor

Dr M H Xie

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Department of Statistics and Actuarial Science

<http://www.hku.hk/statistics/>

Major Research Areas

Statistics:

Time series analysis: financial time series, linear and nonlinear time series, time series with conditional heteroscedasticity; chaos in a random environment; data analysis; data mining; econometrics; financial statistics; social statistics; multivariate analysis; robust methods; outliers and influential observations; distribution theory; asymptotic techniques; resampling methods; bootstrap methods; Monte Carlo methods; parametric,

semiparametric and non-parametric modeling; goodness-of-fit test and model checking; confidence sets; sampling techniques; survival analysis with applications to clinical trials, biomedical studies; statistical genomics; DNA fingerprinting; forensic statistics; ranking methods; capture-recapture studies; demography; Bayesian analysis; linear models, generalized linear models and generalized linear mixed models; stochastic processes.

Actuarial science:

Actuarial applications of financial economic theory; actuarial evidence in courts; actuarial mathematics; analysis of correlated aggregate claims in insurance business; asset allocation; analysis of heavy-tailed claims; credibility theory; credit risk; control and filtering of stochastic processes with applications to actuarial science; graduation methods for mortality data; insurance risk models; stochastic interest rate models; option pricing theory; retirement income arrangement; risk management; risk measure; risk theory; stochastic investment models; ruin probability; ruin theory; value at risk.

Postgraduate Admissions Advisor

Professor T.W.K. Fung

Tel: 2859 2467

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Email: ywcheung@hku.hk

Department of Zoology

<http://www.hku.hk/zoology>

Major Research Areas

Biochemical genetics:

Chromosome sorting and karyotyping; DNA fingerprinting in herbal medicine identification; population biology of wild orchids.

Cell biology:

Neuroscience and whole cell patch clamping; transmembrane and secondary messenger signaling; mammalian cell/tissue culture; insect cell line production; cell proliferation and apoptosis; chromosome mapping by fluorescence in situ hybridization; laser confocal microscopy and flow cytometry applications in cell biology and TCM screening; cancer biology, cell adhesion and signaling, tumour migration and invasion.

Endocrinology:

Paracrine interaction in the testis; receptor tyrosine kinases; brain-gut peptides and receptors; neural regulation of gonadotropin releasing hormone; neuroendocrine regulation and signal transduction of growth hormone release and gene expression; regulation of Stanniocalcin gene expression in neuroblastoma cells; endocrine regulation in ovarian physiology and pathology.

Food and nutritional science:

Neurochemistry of appetite control; obesity, adipocyte-derived hormones and thermogenesis; human energy metabolism; nutritional status assessment; dietary fat and cancer interrelationship; diet and immunity; milk-borne growth promoting peptides; nutrition survey;

meat quality and texture; developmental gastrointestinal physiology; nutrigenomics; bioactive food ingredients; Chinese medical foods.

Immunology and immunological techniques:
Novel complement proteins in man; chicken and pig virus vaccine development; ELISA and DEFIA diagnostic assay development; monoclonal antibody production; molecular diagnosis; development of diagnostic kits; DNA based diagnostic assays for veterinary infectious diseases.

Molecular biology:
Cloning, sequencing and expression of genes for tyrosine kinase receptors, GH/PRL gene and their receptors family, gonadotropin releasing hormone receptor, growth hormone releasing hormone receptor and secretin receptor; population genetics and conservation biology; shrimp vitellogenesis inhibitory hormone; insertion of foreign genes into shrimp genome; direct protein sequencing and genetic engineering of androgen-binding protein; ophiobolin and calmodulin interaction; chicken and fish genomes DNA finger printing; comparative sequences of Stanniocalcin genes in fish and mammals; comparative genome analysis; proteomic analysis of ovarian cancer.

Plant evolutionary biology:
Plant population structure and reproductive strategies; conservation genetics; speciation and phylogenetics; crop genetic resources: characterization, conservation, and utilization.

Reproductive biology:
Specialized cell junctions in the testis; protein purification and gene cloning of germ cell growth factors; male contraceptive design and delivery.

Scientific aquaculture:
Osmoregulation and reproduction of eel and marine fish; improvement of shrimp culture technique; reproduction in shrimps; feed formulation for marine fishes; gene silencing; functional genomics.

Transgenic biotechnology:
Transgenic fish as models for genetic engineering, transgenic chicken as bioreactor; cell-specific gene knock-out transgenic mice.

Virus:
Genomics, bioinformatics and vaccine development on infectious bursal disease virus (IBDV); avian influenza virus; and SARS.

Departmental Requirements

For MPhil Students: Participation and presentation in research seminars and/or guided studies.

For PhD students: Participation and presentation in seminars; any other specific departmental requirements.

Postgraduate Admissions Advisor

Dr E.T.S. Li

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FACULTY OF Social Sciences

The Faculty of Social Sciences was established in 1967 and has since then undergone rapid expansion and significant transformation. The Faculty currently consists of the Departments of Politics and Public Administration, Psychology, Social Work and Social Administration, and Sociology. The School of Geography will be re-located to the Faculty of Social Sciences with effect from the 2007-08 academic year. Eight multi-disciplinary research centres have been formed in the Faculty, providing the platform for inter- and intra-faculty collaboration to pursue excellence in research and teaching.

The Faculty offers five full-time and three part-time first-degree programmes with a total enrolment of about 1,000 students. Its undergraduate programmes aim to provide a broad education, establishing the foundation for life-long learning. It offers more than 20 taught postgraduate programmes, providing students with valuable opportunities to upgrade their knowledge and to strengthen their network. There are currently more than 250 MPhil and PhD students in the Faculty. The Faculty's research has been featured in international publications and has contributed to the formulation of good practice and public policies in promoting the well being of the community. The Faculty is well recognised by the community and has attracted millions of donation every year.

Department of Politics and Public Administration

<http://www.hku.hk/ppaweb/>

Major Research Areas

Public administration and public policy:
Current issues in public sector management, including civil service reform; the transformation of public enterprises and privatization; the ethics of public servants; institutional analysis of public service delivery; policy design.

Comparative politics:

Development politics (with particular reference to China, Hong Kong, and other Asian countries), including electoral behaviour in Hong Kong; municipal management in China; public personnel administration in China and Hong Kong; the role of women in China and the Third World; central-regional relationship in China (with reference to Guangdong and Shanghai); comparative Asian bureaucracies.

International relations:

International and regional politics in East Asia, including international security in the Asia-Pacific region; the international political economy of East Asian development; human rights and foreign policy; China's foreign relations; China-Taiwan relations; international dimension of Hong Kong's development.

Political theory:

Contemporary political theories of liberalism, social justice, democracy, welfare rights and Marxism; moral theories; Aristotle's political theory.

Departmental Requirements

Students are required to participate in Departmental seminars, make seminar presentations, lead tutorials and assist in activities organized by the Department.

*Postgraduate Admissions Advisor
From September to December 2006:*

Dr E.K. Lee

Tel: 2859 2399

Fax: 2858 3550

Email: ekleee@hku.hk

From January 2007 onwards:

Tel: 2241 5562

Email: psdhku@hku.hk

Department of Psychology

<http://www.hku.hk/psychodp/>

Major Research Areas

Cognition and Perception:

Faculty members are Professor Terry Au, Dr Anthony Hayes, Dr William Hayward, Dr Sieu Khuu, Dr Joanna Kidd, Dr Li Li, Dr Hongjing Lu, and Professor John Spinks. We have broad, overlapping areas of expertise in a range of topics covering visual perception, cognition, memory, and cognitive development. A variety of approaches are adopted, including traditional psychophysics, psychophysiology, brain imaging, and computational modelling. Specific research topics include spatial vision, motion processing, stereoscopic depth perception, visuomotor control, face and object recognition, attention, development of conceptual knowledge, and Bayesian approaches to perception and cognition.

Clinical Psychology:

Faculty members are Professor Tatia Lee, Dr Samuel Ho, Dr Frendi Li, and Dr Connie Poon. We have a broad research expertise covering different areas in clinical psychology in both adult and child populations. Research areas of particular interest to us are diagnosis and assessment of psychopathology; efficacy of psychological treatments; traumatology; neuropsychology including the study of neuroplasticity and brain mechanisms for regulation of cognition and emotion; health psychology including psychopathology due to general medical condition, death and bereavement; and health cognition such as social-cognitive processes of health-related judgments and decisions.

Educational Psychology:

Faculty members in this area are Professor Connie Ho, Dr Irene Ho, Dr Chi-ming Kam, and Dr Shui-fong Lam. They have research interest in teaching and learning (literacy acquisition, instructional strategies, curriculum development, mathematics learning, psycholinguistics); social emotional development of children (moral development, achievement motivation, development of emotional and social competence, risk and protective mechanisms in family and peer ecologies); special education (developmental dyslexia, learning disabilities; autism); teacher development (teacher efficacy, teacher education); and school-based interventions (thinking skills development, prevention of childhood aggression and depression, enhancement of achievement motivation).

Social Psychology:

Faculty members are Dr Fiona Chan, Dr Cecilia Cheng, and Dr Harry Hui. Research interests include social cognitive processes underlying personality coherence, and the effect of language on social cognition, intergroup perception, attitude formation, and interpersonal interaction; indigenous social psychology and the study of the Chinese self; applied aspects of social and organisational psychology: the study of attitudes, beliefs, aptitudes, and abilities of the work force and their relevance to human resources management in the Chinese context; organisational stress.

Department Requirement

Applicants who do not have a first degree in Psychology are required to obtain a minimum score of 550 on the GRE Subject Test in Psychology.

Postgraduate Admissions Advisor

Dr William Hayward

Tel: 2859-2293

Fax: 2858-3518

Email: whayward@hku.hk

Department of Social Work and Social Administration

<http://www.hku.hk/socwork/>

Major Research Areas**Gerontology:**

Major contributors are Professor Iris Chi, Professor Nelson

Chow, Dr Joe Leung and Dr Ernest Chui, plus staff from the Sau Po Centre of Ageing.

Family:

Many of our colleagues have an interest in this area from different perspectives (e.g. Dr Daniel Wong specializes in family caregivers of mentally ill people, Dr Debbie Lam in parental violence, Dr Chan Ko Ling in family violence and Dr Yeung Ka Ching in family and marital therapy) and we have a Family Institute run by Dr Lee Wai Yung with special emphasis on family with psychosomatic illness: eating disorder and depression as well as family violence.

Health and welfare in China:

Major contributors are Professor Joe Leung, Professor Nelson Chow, Professor Cecilia Chan and Professor Iris Chi.

Health and mental health in Hong Kong:

Major contributors are Professor Cecilia Chan and the Centre on Behavioral Health, Dr Daniel Wong, Dr Donna Wong and Professor Iris Chi.

Others:

Disability (Dr Donna Wong); Gender and Sexuality (Dr Petula Sik-Ying Ho); Youth (Dr Francis Lee and Dr Debbie Lam); Spirituality (Dr Ng Ho Yee); Suicide (Professor Iris Chi and Professor Cecilia Chan); newly arrived immigrants (Dr Ho Kit Mui, Dr Daniel Wong, Professor Nelson Chow and Dr Ernest Chui); Drugs (Dr Ng Ho Yee and Dr Lam Chiu Wan); Social work education including IT development (Dr Debbie Lam, Dr Sandra Tsang, Dr Donna Wong, Dr Wong Yu Cheung and Dr Ernest Chui)

Departmental Requirement

Presentation at a post-graduate research seminar for confirmation of candidature is required.

Postgraduate Admissions Advisor

Dr Petula, Sik-ying Ho

Tel: 2859 2091

Fax: 2858 7604

Email: psyho@hkucc.hku.hk

Department of Sociology

<http://www.hku.hk/sociodep/>

Major Research Areas**Asian society and global culture:**

Nature and impact of globalization, especially in the Asian region, including studies of Chinese society, Hong Kong society, overseas Chinese global network, human dimensions of information technology, class, wealth and poverty, education and teaching.

Culture and media studies:

Media, culture and life styles of the contemporary era, including studies of Hong Kong popular culture, life styles and the body, cultural industries, modern religious practices, mass tourism, marriage and the family, gender and sexuality.

Criminal justice:

Analysis of social problems with particular emphasis on criminal justice, including studies of criminal behaviour, criminal justice, policing, corruption and computer crime, gender and crime.

Departmental Requirement

Students are required to participate in Departmental seminars and make presentations.

Postgraduate Admissions Advisor

Dr K.E. Kuah-Pearce

Tel: 2859 2060

Fax: 2857 4074

Email: socidept@hkucc.hku.hk

School of Geography

<http://geog.hku.hk/>

(Note: The School of Geography will be re-located from the Faculty of Arts to the Faculty of Social Sciences with effect from the 2007-08 academic year.)

Major Research Areas**Climatology and hazards:**

Applied climatology: aspects of urban climate, human bioclimate, tropical climatology, agricultural climatology in the tropics; atmospheric and hydrologic hazards; applications of remote sensing to climatology and hazard management; land use and development in south China.

Contact Person

Dr W.J. Kyle

Tel: 2859 7022

Fax: 2559 8994

Email: billkyle@hku.hk

Environmental science and management:

Environmental modelling (air and water quality, time-series analysis and forecasting) and management (environmental impact assessment, nature and resource conservation); sustainable development (indicators and assessment).

Contact Person

Dr C.N. Ng

Tel: 2859 7025

Fax: 2559 8994

Email: cnng@hku.hk

Geographical information systems and cartography:

Geographic information systems (principles and applications, resource management, critical area analysis); computer and analytical cartography; cartographic and digital map production; spatial analysis; quantitative methods; transport geography; tactile mapping.

Contact Person

Dr P.C. Lai

Tel: 2859 2830

Fax: 2559 8994

Geomorphology and quaternary science:

Geomorphology; environmental science and natural hazards; hydrology and hydrochemistry; quaternary science; physical environmental studies in Tibet and South and North China.

Contact Person

Dr D. Zhang

Tel: 2859 7027

Fax: 2559 8994

Email: zhangd@hku.hk

Globalization, urbanization, and cities:

Globalization and E-economy on spatial change; world cities; urbanization; comparative urban structures; industrial geography; transport geography; Chinese cities; China's economy.

Contact Person

Professor V.F.S. Sit

Tel: 2859 2298

Fax: 2559 8994

Email: hragvis@hku.hk

Hydrology and sediment studies:

Hydrology; applied hydrology; flood; drought; water quality (including acidity of water in the hydrologic cycle); sediment production and transport in the fluvial system, water and recreation.

Contact Person

Dr M.R. Peart

Tel: 2859 7021

Fax: 2559 8994

Email: mrpeart@hku.hk

Soil science and biogeography:

Soil science (soil structure, human impacts, urban soils); biogeography (urban vegetation and greening, landscape and amenity planting, afforestation, revegetation of disturbed lands, recreational impacts, countryside conservation); urban ecology and environmental planning.

Contact Person

Professor C.Y. Jim

Tel: 2859 2835

Fax: 2559 8994

Email: hragjcy@hku.hk

Tourism and recreation geography:

Tourism and recreation geography; globalization of consumption and production; China and Asia-Pacific tourism development; visitor management and tour operation.

Contact Person

Dr Y.P. Li

Tel: 2859 2837

Fax: 2559 8994

Email: liyiping@hku.hk

Transport and economic geography, and spatial analysis:
Transport geography; spatial analysis (application of GIS in analyzing spatial problems, transport and travel surveys, quantitative methods); economic geography (globalization, geography of information technology); China studies (transport system, central-local relationships, development policies, statistical system).

Contact Person
Dr B.P.Y. Loo
Tel: 2859 7024
Fax: 2559 8994
Email: bpyloo@hku.hk

Transportation geography and container port systems:
Transportation geography, travel behaviour modelling; time budget/use studies; urban public transport in Hong Kong and China; container port systems.

Contact Person
Dr J.J. Wang
Tel: 2859 7026
Fax: 2559 8994
Email: jwang@hku.hk

Urban and regional development in China, and economic geography:
Urban and regional development in China; land property rights in China; transnationalism and Chinese diaspora; social geography of Hong Kong; public policy and regional development; economic geography; Hong Kong-Guangdong integration.

Contact Person
Dr G.C.S. Lin
Tel: 2859 7023
Fax: 2559 8994
Email: gcslin@hku.hk

Urban and social geography, and environmentalism:
Urban and social geography (urban planning, urban environment, urban cultural heritage management); environmentalism (environmental attitude and perception, corporate environmentalism); regional environmental governance (water resources management, cross-border environmental management).

Contact Person
Dr Y.S.F. Lee
Tel: 2859 2840
Fax: 2559 8994
Email: leey@hku.hk

WTO and economic development in China:
Urban studies; regional planning; geography of finance and trade; WTO and economic development in China.

Contact Person
Dr S.X. Zhao
Tel: 2859 2838
Fax: 2559 8994
Email: sxzhao@hku.hk

Departmental Requirement

Attendance and presentation of seminars are mandatory for MPhil and PhD students.

Postgraduate Admissions Advisor
Dr G.C.S. Lin
Tel: 2859 7023
Fax: 2559 8994
Email: gcslin@hkucc.hku.hk

Teaching Centres and Institutes



Centre of Asian Studies

<http://www.hku.hk/cas/>

Major Research Areas

Migration and the Chinese diaspora:
Chinese international migration and diaspora in both historical and contemporary context, with a focus on migrant policies, transnationalism, social capital, migration networks, local social and economic transformation, and transnational Chinese entrepreneurship.

Contact person
Dr James Chin
Tel: 2241 5904
Fax: 25593185
Email: qianj@hku.hk

Historical relations between China and Southeast Asia including commodities, port polities, junks, trade routes and trade networks in maritime Asia.

Contact person
Dr James Chin
Tel: 2241 5904
Fax: 25593185
Email: qianj@hku.hk

Regional trading system in maritime Asia:
Cultural, political and military interactions between imperial China and countries of Southeast Asia.

Contact person
Dr James Chin
Tel: 2241 5904
Fax: 25593185
Email: qianj@hku.hk

Economic and business history of China, Hong Kong and Japan; history of modern China and Hong Kong

Contact person
Dr P.T. Lee
Tel: 2859 2429
Fax: 25593185
Email: ptlee@hkucc.hku.hk

China-ASEAN relations:

The China-ASEAN Project is one of the longest-running programmes of its type in the world. It mixes academic research with policy work for different government agencies. Established areas of research excellence include: the political-economy of regionalism in Asia, socio-cultural ties between China and Southeast Asia, non-traditional security threats, migration and diaspora flows.

Contact person
Dr Nick Thomas
Tel: 2241 5921
Fax: 25593185
Email: ndthomas@hku.hk

China-India relations:

The China-India dyad is the key relationship in emerging regional (and global) dynamics. The China-India Project captures these dynamics through an exploration of the political and strategic concerns, economic and commercial links as well as such social issues as population and development challenges. Established areas of research excellence include: bilateral ties, development and economic issues, network formation and population flows.

Contact person
Dr Nick Thomas
Tel: 2241 5921
Fax: 25593185
Email: ndthomas@hku.hk

Entrepreneurship and business networks:

- (1) Entrepreneurial Families
Entrepreneurship, organization and management are key issues for business development. Through studying three strategic cases in the Chinese mainland (the Rong family), Taiwan (the Ku family), and Hong Kong (the Ho Tung family), we aim to build up the Chinese family enterprise case files/database and have a better understanding on these issues.

Contact person
Dr Victor Zheng
Tel: 2241 5821
Fax: 2559 3185
Email: vzheng@hku.hk

- (2) Entrepreneurship and the textile industry in Hong Kong
Mr. Vincent Woo, founder of the Central Textile (Hong Kong) Limited, is one of the pioneers in the Hong Kong cotton spinning industry. Through studying his life and career, we hope we can have a clear picture about the development of the garment and textile industry in Hong Kong, and its linkages in Shanghai.

Contact person
Dr Victor Zheng
Tel: 2241 5821
Fax: 2559 3185
Email: vzheng@hku.hk

Hong Kong culture and society:
Indicators of Social development: Hong Kong and Macao - this is one of the long-term collaborative researches that we have undertaken since 1988 in Hong Kong and later extended to Macao in 2005. In this research, we try to focus on the measurement and study of their social development and the building up of a comprehensive social indicators system.

Contact person
Dr Victor Zheng
Tel: 2241 5821
Fax: 2559 3185
Email: vzheng@hku.hk

Postgraduate Admissions Advisor
Professor Wong Siu-lun
Tel: 2859 2460
Fax: 2559 3185
Email: casgen@hku.hk

Centre of Buddhist Studies

<http://www.buddhism.hku.hk>

Major Research Areas

Doctrinal and historical studies of the different Buddhist traditions:
Theravada, Mahayana and the Buddhist sects in the Abhidharma period.

Buddhism as applied to the social sciences perspective:
Counseling, palliative care, mediation and psychotherapy.

Modern interpretation of Buddhism:
Buddhism and society, humanistic ethics, art, economical and political ideologies; Buddhism and science.

Textual studies:
Critical edition, translation and textual analysis of important canonical and post-canonical Buddhist texts.

Centre Requirements

1. Presentation of research seminars.
2. In the case of textual studies, proficiency in the scriptural language(s) involved is a prerequisite. Specific language training may also be required in certain other areas of research.

Postgraduate Admissions Advisor
Ven. Professor K.L. Dhammajoti
Tel: 2241 5047
Fax: 2549 3040
Email: buddhism@hku.hk

English Centre

<http://ec.hku.hk>

Major Research Areas

Curriculum development, especially task-based language teaching, autonomous learning, self-access and computer-assisted language learning; assessment and evaluation; teacher education.

Second language acquisition, especially psycholinguistics and bilingualism; individual differences in language learning; learning styles and strategies; vocabulary acquisition; learner histories.

Sociolinguistics, language contact, including acquisition and use of language in multilingual contexts, code mixing, Chinese Pidgin English and historical studies of language contact; language education in China.

Discourse analysis; classroom interaction; World Englishes, especially the English of Hong Kong and China; vocabulary and dictionaries; creative writing in English in Hong Kong.

Centre Requirements

Presentation of a seminar before confirmation of candidature.

Postgraduate Admissions Advisor
Dr A S L Lam
Tel: 2859 2044
Fax: 2547 3409
Email: agneslam@hkucc.hku.hk

Institute of Human Performance

<http://www.hku.hk/ihp/>

Research Areas

Physical activity & health:
Exercise physiology (including respiratory control; measurements of health, habitual activity and fitness in young and elderly populations; physiology of rowing; assessments of performance); pediatric exercise and sports science; physiological and medical aspects of children's response to exercise and physical inactivity.

Skill learning and expert performance:
Expert/novice differences; perceptual aspects of expertise; implicit motor learning; anxiety and human performance; movement disorders and rehabilitation.

Postgraduate Admissions Advisor
Dr R. Masters
Tel: 2589 0581
Fax: 2855 1712
Email: mastersr@hku.hk

Journalism and Media Studies Centre

<http://jmsc.hku.hk>

Major Research Areas

Media law and ethics; new media; literary journalism; journalism in Greater China; international journalism; public health journalism; environmental journalism; cultural studies of journalism and the media; business and financial journalism; journalism education.

Centre Requirements

Applicants may be required to take a qualifying examination. Specific language training is required when necessary.

Postgraduate Admissions Advisor

Dr David Plott

Tel: 2859 1155

Fax: 2858 8736

Email: jmsc@hku.hk

Kadoorie Agricultural Research Centre

<http://www.hku.hk/karc/>

Major Research Areas

Applied animal studies:

Chicken gene bank of native Chinese chickens; recycled clean-water system for intensive aquaculture for marine fish and shrimp; quality analysis of chicken meat; animal feeds and vaccination programmes for chicken and pigs.

Applied plant and ecological studies:

Forest ecology, dispersal of seeds by wild animals; hill area development (biomass production and economics, hill fires and ecological succession); organic farming methods; sustainable agriculture and biological control of crop pests; stream ecology.

Applied geology and geotechnics:

Slope stabilization; management of water and soil resources; soil erosion and flood control.

Applied food technology:

Fermentation technology of Chinese soy sauces; flavour and contaminants in soy sauces.

Postgraduate Admissions Advisor

Professor L.H.Y. Lee

Tel: 2488 5000

Fax: 2488 5285

Social Sciences Research Centre

<http://www.ssrc.hku.hk>

Major Research Areas

Computerized survey data collection; internet and world-wide web policy; telephone survey methodology; longitudinal surveys; opinion and electoral polls; Bayesian statistics; social and medical statistics; privacy and data protection.

Postgraduate Admissions Advisor

Professor John Bacon-Shone

Tel: 2859 2412

Fax: 2858 4327

Email: johnbs@hkucc.hku.hk

Centre of Urban Planning and Environmental Management

<http://www.hku.hk/cupem/>

Major Research Areas

Planning and managing sustainable cities and regions; urban and regional development in China (particularly the Pearl River Delta Region and Shanghai); planning and management of urban transport systems with emphasis on sustainable transport systems; housing policy and planning and the development of sustainable housing systems; information technology applications in urban planning, including GIS; environmental policy studies in Hong Kong and the Asia-Pacific region; ecological modernisation theory and processes; sustainability assessment methods; corporate environmental governance and business-environment issues; planning sustainable communities; globalization and urban development processes; population and sustainability issues in Hong Kong; high density urban development and management; urban history and planning history; history of urban public health.

Centre Requirement

Presentation of seminars.

Postgraduate Admissions Advisor

Dr Kerrie MacPherson

Tel: 2859 2721

Fax: 2559 0468

Email: cupem@hkusua.hku.hk

LOCATIONS OF Faculties and Admin Offices

OFFICE	LOCATION	EMAIL	TEL NO.	FAX NO.
Administrative Offices				
Graduate School	Room P403, Graduate House	gradsch@hku.hk	2857 3470	2857 3543
Office of Student Affairs	3th floor, Meng Wah Complex	supportu@hku.hk	2859 2305	2546 0184
Academic Services Enquiry Office	UG-05, Knowles Building	afss@reg.hku.hk	2859 2432 2540 1405	2859 2433
Finance and Enterprises Office	1st floor, Knowles Building	student@fo.hku.hk	2859 2336	2858 8566
Faculty Offices				
Architecture	Room 801, 8th floor, Knowles Building	faculty@arch.hku.hk	2859 2149	2857 2852
Arts	G14, Main Building	arts@hku.hk	2859 2733	2548 5231
Business and Economics	Rm 733, 7th floor, Meng Wah Complex	rpgenquiry@fbe.hku.hk	2241 5544	2549 3735
Dentistry	6th floor, Prince Philip Dental Hospital, 34 Hospital Road, Sai Ying Pun	dental@hkusua.hku.hk	2859 0347	2517 0544
Education	Office of Research, Room 125, 1/F, Hui Oi Chow Science Building	edfacor@hkucc.hku.hk	2241 5728 2547 1924	2859 8015
Engineering	Room 529, 5th floor, Haking Wong Building	enggfac@hkucc.hku.hk	2859 2803	2546 9142
Law	4th floor, K.K. Leung Building	lawpgs@hkusua.hku.hk	2859 2953	2559 5690
Medicine	6th floor, William MW Mong Block, 21 Sassoon Road	medfac@hkucc.hku.hk	2819 9333	2818 4913
Science	G12, Chong Yuet Ming Physics Building	science@hku.hk	2859 2681	2858 4620
Social Sciences	Room 401, 4th floor, Meng Wah Complex	socsc@hkucc.hku.hk	2241 5539 2859 2980 2517 0806	2241 5370 2241 1182

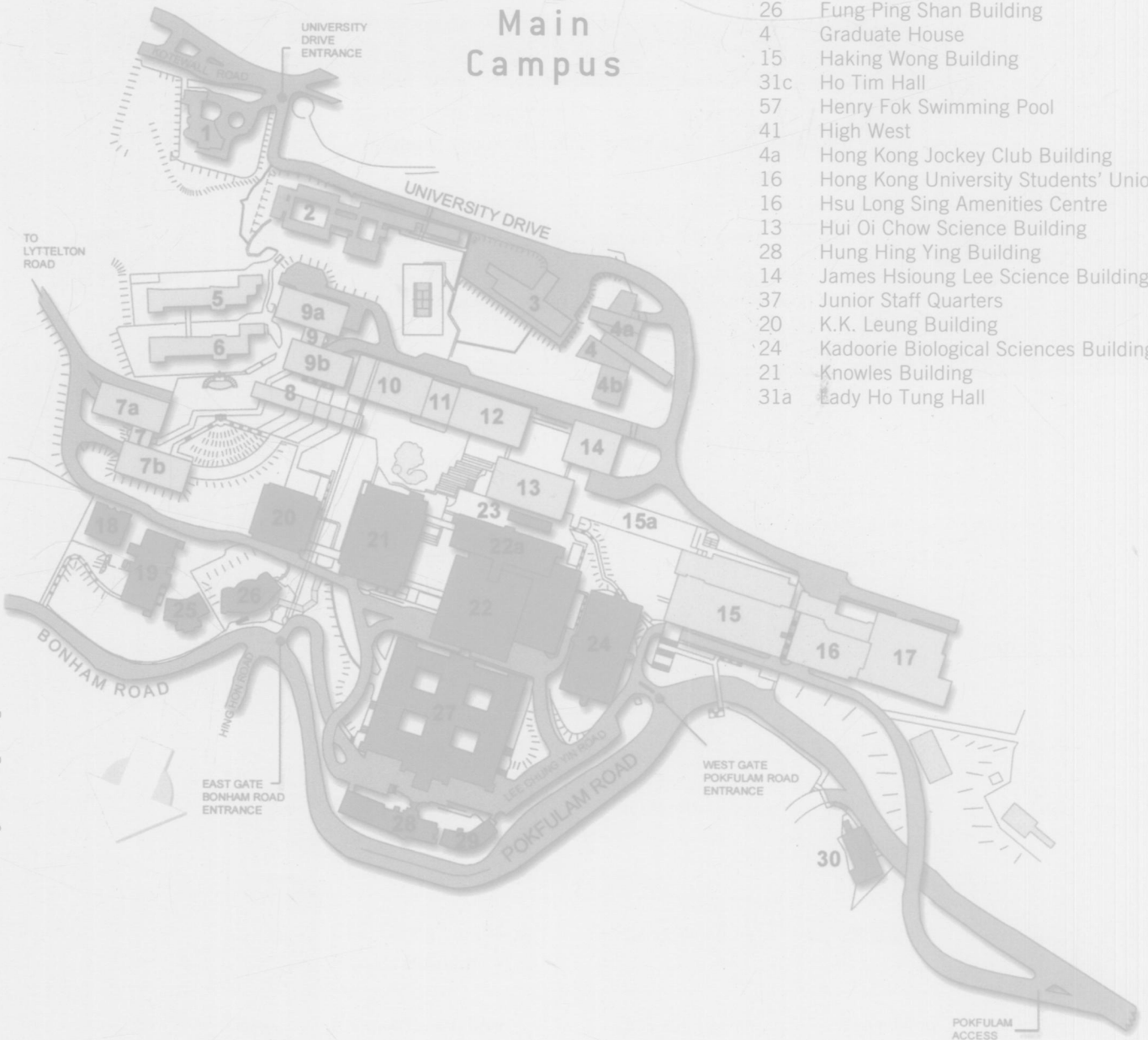
OFFICE	LOCATION	EMAIL	TEL NO.	FAX NO.
Teaching Centres and Institutes				
Centre of Asian Studies	Tang Chi Ngong Building	casgen@hkucc.hku.hk	2859 2460	2559 3185
Centre of Buddhist Studies	2nd floor, May Hall	buddhism@hku.hk	2859 2847	2549 3040
English Centre	7th floor, K.K. Leung Building	pbenson@hkucc.hku.hk	2964 5798	2547 3409
Institute of Human Performance	Rm G2, Academic Office, Lindsay Ride Sports Centre	ihphku@hku.hk	2851 9576 2817 9489	2818 8042
Journalism and Media Studies Centre	G24, Eliot Hall	jmsc@hku.hk	2859 1155	2858 8736
Kadoorie Agricultural Research Centre	Lam Kam Road, Shek Kong, Yuen Long, N.T.	karc@hkusua.hku.hk	2488 5000	2488 5285
Social Sciences Research Centre	8th floor, Meng Wah Complex	hkussrc@hkucc.hku.hk	2857 8333	2858 4327
Centre of Urban Planning and Environmental Management	8th floor, Knowles Building	cupem@hkusua.hku.hk	2859 2721	2559 0468

Campus Map

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- 8 Chong Yuet Ming Amenities Centre
- 7a Chong Yuet Ming Chemistry Building
- 7b Chong Yuet Ming Physics Building
- 7 Chong Yuet Ming Science Buildings
- 17 Chow Yei Ching Building
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- 27 Convocation Room
- 9b Council Chamber
- 47 Dexter H.C.Man Building
- 6 Eliot Hall
- 48 Estates Building
- 50 Faculty of Medicine Building
- 58 Felix Villas
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- 19 Fong Shu Chuen Amenities Centre
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- 4 Graduate House
- 15 Haking Wong Building
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- 57 Henry Fok Swimming Pool
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- 16 Hsu Long Sing Amenities Centre
- 13 Hui Oi Chow Science Building
- 28 Hung Hing Ying Building
- 14 James Hsioung Lee Science Building
- 37 Junior Staff Quarters
- 20 K.K. Leung Building
- 24 Kadoorie Biological Sciences Building
- 21 Knowles Building
- 31a Lady Ho Tung Hall

Main Campus



Sassoon Road Campus



- | | | | |
|-----|---|-------|---|
| 44b | Lee Hysan Hall | 33 | St. John's College |
| 45 | Li Shu Fan Building | 56 | Stanley Ho Sports Centre |
| 23 | Library Annex | 36 | Stanley Smith Swimming Pool |
| 22 | Library Building (New Wing) | 31b | Starr Hall |
| 22a | Library Building (Old Wing) | 19 | Swire Building |
| 34 | Lindsay Ride Sports Centre | 19 | Swire Hall |
| 27 | Loke Yew Hall | 25 | T.T. Tsui Building |
| 44c | Madam S.H. Ho Residence | 52 | Tam Gardens |
| 27 | Main Building | 53 | Tam Towers |
| 5 | May Hall | 18 | Tang Chi Ngong Building |
| 9 | Meng Wah Complex | 15a | Technology Innovation and Incubation Building |
| 40 | Middleton Towers | 4b | University Conference Centre |
| 31 | Jockey Club Student Village | 3 | University Drive No.2 |
| 29 | Pao Siu Loong Building | 42 | University Hall |
| 46 | Patrick Manson Building | 1 | University Lodge |
| 49 | Pauline Chan Building | 25,26 | University Museum & Art Gallery |
| 55 | Pine Court | 4b | Wang Gungwu Lecture Hall |
| 54 | Pine Grove | 43 | Wei Lun Hall |
| 49 | Pokfulam Amenities Centre | 33a | Wong Chik Ting Hall |
| 44a | R.C. Lee Hall | 9b | Wong Chuang Lai Wah Building |
| 11 | Rayson Huang Theatre | 9a | Wong Chue Meng Building |
| 32 | Ricci Hall | 30 | Yam Pak Building |
| 2 | Robert Black College | | |
| 51 | Rodrigues Court | | |
| 12 | Run Run Shaw Building | | |
| 10 | Runme Shaw Building | | |
| 16 | Simon K.Y. Lee Hall | | |
| 20 | Senior Common Room | | |
| 25 | School of Professional and Continuing Education | | |



Graduate School

Room P403, Graduate House,
The University of Hong Kong,

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GRADUATE HOUSE 研究生堂