



The Graduate School Newsletter

Vol 2 No 2

November / December 1999

Research Grants for Research Students

Applications are invited for the November round of allocations from the *Research Student Support Fund*. All research students within their minimum period of study and first year MPhil students registered from September 1999, whether full-time or part-time, are eligible to apply for a grant to help them cover part of the costs incurred in their research. These grants will not, however, exceed \$4,400 in total during 1999-2000. Students who applied in March 1999 are not eligible to apply again, since no student may receive a grant more than once in any 12 month period.

Applicants are required to provide an itemized budget, with justification, for the expenditure proposed and applications must be endorsed by the supervisor and head of department.

There are limitations on the purposes of the grants and the manner in which expenditure will be approved e.g. the grants may not be used to meet expenses incurred in attending international conferences, and all requests for expenditure must be made on departmental draft purchase order. The total sum which may be held in the budget at any one time must not exceed \$4,400, and students who have money left in their account from previous years (as at November 19, 1999) will only have the balance made up to \$4,400. Please



note that the Finance Office will need a minimum of 14 working days to process any expenditure request. All unspent balances in grant accounts will be automatically cancelled on the expiry of a candidate's minimum period of study, their completion of candidature or their withdrawal from study - whichever occurs earliest.

Application forms and their accompanying explanatory notes (which include an example of how to present a budget and its justification) have been distributed to departmental and faculty offices and are also available from the Graduate School Office. Please read the explanatory notes carefully.

The application forms are also available on the School's home page at




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

The closing date for applications is: **Friday, November 26th.**

Late applications will not be accepted.

“ Applicants are required to provide an itemized budget, with justification. ... ”

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Publications by Research Students

The following is a list of selected publications authored/co-authored by our MPhil and PhD students during the period between April - June 1999.

Faculty of Education

Department of Curriculum Studies

Zhu X, May 1999, Psychological Research of Teaching and Learning of Chinese Characters, *Teaching and Learning of Chinese Characters*

Department of Education

Li H, May 1999, Methods and Practice of Teaching of Chinese Characters in Hong Kong, Taiwan and Overseas, *Teaching and Learning of Chinese Characters*

Faculty of Engineering

Department of Civil Engineering

Cheng Y, May 1999, On the separation between moving vehicles and bridge, *Journal of Sound and Vibration*

Dissanayake PBG, April 1999, Effective Hydraulic Conductivity for partially saturated porous media, *Journal of Irrigation and Drainage Engineering*

Zheng D, May 1999, On the separation between moving vehicles and bridge, *Journal of Sound and Vibration*

Department of Electrical & Electronic Engineering

Wong YS, April 1999, An overview of energy sources for electric vehicles, *International Journal of Energy Conversion and Management*

Department of Mechanical Engineering

Ho CHH, April 1999, Effect of energy density on morphology and properties of selective laser sintering polycarbonate, *Journal Materials Processing Technology*

Lai WCD, June 1999, 'Positon' and 'Dromion' solutions of the (2+1) dimensional long wave - short wave resonance interaction equations, *Journal of the Physical Society of Japan*

Zhang Q, May 1999, On the exact reduction and eigensolution for the galerkin element method, *International Journal of Computers and Structures*

Zhang Q, April 1999, The galerkin element method applied to the vibration of damped sandwich beams, *International Journal of Computers and Structures*

Faculty of Medicine

Department of Community Medicine

Chung SF, June 1999, Passive smoking and respiratory symptoms in primary school children in Hong Kong, *Human and Experimental Toxicology*

Leung SLA, May 1999, Use of a subjective health measure on Chinese low back pain patients in Hong Kong, *Spine*

Department of Medicine

Ho KN, June 1999, Lymphocyte Subset Distribution in renal allograft recipients with chronic hepatitis C virus infection, *Nephrology, Dialysis and Transplantation*

Faculty of Science

Department of Chemistry

Cheung SF, May 1999, Determination of trace metals in air particulate matters by graphite furnace - capacitively coupled plasma - atomic emission spectrometry, *Chemical Journal of Chinese University*

Lee MR, June 1999, Deviation from electroneutrality in cylindrical pores, *Chemical Physics Letters*

Leung KH, May 1999, Resonance raman investigation of Au(I)-Au(I) interaction of the d_{z^2} excited state of $Au-v_2(dcpm)-v_2(ClO-v_4)-v_2(dcpm=bis(dicyclohexylphosphine) methane)$, *Journal of American Chemical Society*

Ng WY, April 1999, Electronic and light-emitting properties of some polyimides based on bis(2,2':6',2''-terpyridine) ruthenium(II) complex, *Chemistry of Materials*

Sun D, May 1999, Capillary electrophoresis for determination of free and albumin bound bilirubin and the investigation of drug interaction with bilirubin bound albumin, *Japanese Journal of Electrophoresis*

Tong SM, June 1999, Sub-doppler laser spectroscopy of ZrN, *Journal of Molecular Structure*

Wong CT, April 1999, Yellow light-emitting poly(phenylenevinylene) incorporated with pendant ruthenium bipyridine and terpyridine complexes, *Advanced Materials*

Wong YY, May 1999, Development of a quartz piezoelectric crystal immunosensor based on self-assembled monolayer, *Chemical Journal of Chinese University*



Department of Physics

Ko SF, April 1999, No Supernova in UGC 11093, *International Astronomical Union Circular 7149*

Ko SF, April 1999, Supernova 1999bs in UGC 11093, *International Astronomical Union Circular 7141*

Department of Zoology

Ding H, June 1999, Identification of broiler chicken meat using a visible/near-infrared spectroscopic technique, *Journal of Science of Food and Agriculture*

Ding H, June 1999, Determination of chemical composition of commercial honey by near-infrared spectroscopy, *Journal of Agricultural and Food Chemistry*

Huang J, June 1999, A modified AFLP with fluorescence-labelled primers and automated DNA sequencer detection for efficient fingerprinting analysis in plants, *Biotechnology Techniques*

Tang KY, June 1999, Determination of chemical composition of commercial honey by near-infrared spectroscopy, *Journal of Agricultural and Food Chemistry*

Do You Find Your Training in Teaching Invaluable?

A new study on higher education in Britain revealed that postgraduates are an indispensable part of the teaching force in almost every university. According to a survey by the National Postgraduate Committee, National Union of Students and the Association of University Teachers in UK, most students valued the teaching experience to decorate their CV, and to prepare themselves for academic careers.

"I found my training in teaching invaluable. One of the biggest things you have to build is your self-confidence...The training enable me to stand up in front of 20 people and talk..." says Sarah Park-Dwyer, a PhD student in the University of East Anglia.

The Independent, 23 September 1999, p.12

The Welcoming Programme 1999

The Welcoming Programme was held on Saturday, the morning of September 18, 1999 in Main Building. More than 100 students and staff attended the Programme.

Professor John Malpas, our Associate Dean, opened the Programme and followed by an introduction on the Graduate School's New MPhil curriculum by Dr. Iain Bruce, our Course Co-ordinator. The Graduate School's support services as well as the University's service centres/units' facilities were also introduced. There were also panel display of every participating units at the Information Fair.

The Programme was well-received. Many students were pleased to have the opportunity to meet students and teachers from other faculties and to learn about our various training programmes in thesis writing, statistical research skills, and transferable skills.

To remind students of where we are, the Graduate School office is now open to all research students in Rm P403, Graduate House (see photo below).



Graduate House, the home of The Graduate School



Conference Grants for Research Students

Students registered for the M.Phil or the Ph.D degree at the University may apply to the Committee on Research and Conference Grants (CRCG) for a conference grant to attend one academic conference (or other academic meeting of similar standing and status) in the course of his/her registration for the degree.

The maximum amount of the award which a research student may claim is HK\$15,000, out of which not more than HK\$4,000 can be claimed for the conference registration fee and accommodation (room cost only). Meals, laundry and telephone charges cannot be claimed against the grant. Travel insurance for a period beginning not earlier than one day before the start of the conference and ending not later than one day after the end of the conference is covered by the University.

Applications are considered in each financial year (1 July - 30 June) on a **first-come-first-served** basis. Applications must be accompanied by documentary evidence that at least one paper or poster which the applicant has (co)-authored has been accepted for presentation at the conference (applications without such firm acceptance issued by conference organizers will not be processed). Two airfare quotations are also required at the time of application.

Applications must be completed on the requisite form, endorsed by the research student's supervisor and Head of Department, and must reach the Research Services Section of the Registry not later than 14 days before the first day of the conference.

No student may receive more than one conference grant during their candidature for a degree. The award of the grant is conditional upon the availability of funds. The remaining budget available for the current financial year is HKD631,000.

Awardees must submit a report on the conference, using the standard form, within 30 days of the end of the conference.

The regulations governing the conference grants, the application form and the report form on the conference are available from the Research Services Section of the Registry, 9/F, Knowles Building, the University of Hong Kong, Tel: 2859-1911.

Announcements

RGC Postgraduate Student Conference/Seminar Grants

This scheme is intended to support and promote inter-institutional and interdisciplinary contacts among postgraduate students of the UGC-funded institutions and to provide opportunities for postgraduate students of these institutions to meet and interact with eminent scholars outside Hong Kong.

A postgraduate student body should be involved either as the organizer or as a primary partner of the proposed conference/seminar, and the conference/seminar should be open to all postgraduate students in the UGC-funded sector. The maximum amount of award is HKD50,000 and the award of the grant is subject to availability of funds.

Applicants will be accepted all year round, provided they are submitted through a UGC-funded institution, and applications should be made using the prescribed form (pgsconfm.doc) which is downloadable from the "RGC Form" page of the UGC web, url: <<http://www.ugc.edu.hk/rgc/>>.

Completed application forms should be sent in the first instance to: Mrs. Wendy Ma, Research Services Section, Registry, 9/F, Knowles Building. Tel.: 2859-2443.

Stanford University ASIA/PACIFIC SCHOLARS PROGRAM

The Asia/Pacific Scholars Program at Stanford University admits graduate students whom they judge to be future leaders of the Asia/Pacific region, from countries, including Australia, Singapore, India, Indonesia, Japan, and Guam; from a wide range of majors such as Applied Physics, Philosophy, Medicine, Business and Law.

Admission is concurrent to a student's admission and enrollment at Stanford University. Limited numbers of fully-funded fellowships are presently available to students applying from the People's Republic of China, Hong Kong SAR, Malaysia, Taiwan, Indonesia, or the Philippines. All other successful applicants may be eligible for a one-time honorarium of USD 5,000.

Application forms and further information of the Programme are available in your Faculty/Department office and the Graduate School office.

