International Teaching Faculty

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Programme Director

Prof. Tak Yeung LEUNG
Chairman and Professor,
Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong

Prof. Leung is also the Director of the Maternal Fetal Medicine of the same unit. His special interest is in prenatal screening, diagnosis and therapy of fetal abnormalities, twin pregnancy, preterm delivery, fetal growth restriction, and external cephalic version. He and his unit have successfully launched in Hong Kong the first trimester Down screening, maternal carrier screening for Fragile X disease, newborn expanded metabolic screening, array comparative genomic hybridisation for prenatal diagnosis, fetoscopic laser therapy for twin-twin transfusion, and radiofrequency for fetal reduction. He also participated in the research and clinical application of maternal circulating cell-free fetal DNA for non-invasive prenatal diagnosis.

Course Features

First and currently the only postgraduate taught programme in Medical Genetics in Hong Kong. Teaching panel consisting of internationally renowned experts and local experienced professionals in medical genetics, fetal medicine, paediatrics, cancer genetics and genome bioinformatics.

For non-local students, teaching schedule was specially designed as below (except clinical attachment):

On-campus class: 3 times/year (3-4 consecutive days at weekend)

Online class: Usually at weekends

After finishing the course, student will obtain over 300 CME / CPD points (pending to be approved by HKCOG & MLT Board)

With the partnership with Baylor College of Medicine, their academic staff will actively involve in the course design, teaching and mentorship to the students in the research project.
Programme Structure
The Master of Science in Medical Genetics is part time modular course comprising 5 terms totally in 2 years. Lectures, clinical and laboratory attachments, group discussions, case studies, tutorials and conferences will be included.

Course and Study Modes

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<tr>
<th>Year</th>
<th>1st Term</th>
<th>(September to December 2018)</th>
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<tr>
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<td>CNGT5003</td>
<td>Clinical Genetics</td>
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<td>CNGT5004</td>
<td>Clinical Cytogenetics</td>
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<tr>
<td>2nd Term</td>
<td>(January to April 2019)</td>
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<td>CNGT5005</td>
<td>Population Genetics</td>
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<td>Cancer Genetics I</td>
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<td>Summer Term</td>
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<td>CNGT5002</td>
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<td>CNGT5006</td>
<td>Genome informatics</td>
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<th>Year</th>
<th>1st Term</th>
<th>(September to December 2019)</th>
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<td>CNGT6001</td>
<td>Scientific Skills, Laboratory Safety and Management</td>
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<td>CNGT6005</td>
<td>Frontiers in Genomic Medicine and Laboratory Technologies</td>
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<td>CNGT6006</td>
<td>Ethics and Law</td>
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<td>2nd Term</td>
<td>(January to April 2020)</td>
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<td>CNGT6004</td>
<td>Advanced Clinical Genetics</td>
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<td></td>
<td>CNGT6002</td>
<td>Prenatal and Adult Genetics</td>
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<td>CNGT6007</td>
<td>Research Project</td>
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Assessment
Including individual or group assignment, dissertation, presentation, attendance, examination and clinical attachment.

Target Students
This course is designed for:
1. Clinical professionals (such as obstetricians, paediatricians, physicians, nurses and midwives) who are managing patients and families with genetic diseases in their daily practice;
2. Laboratorial professionals who are working on genetics and genomic testing;
3. Applicants, working in related fields, who would like to develop their career as genetic counselors.

Admission Requirements
In addition to the general requirements of the CUHK Graduate School, applicants should
1. have medical degree, or
2. PhD degree in related discipline, or
3. be nursing staff working in the relevant field.

Application Procedures
By online application, please visit the Graduate School website at [http://www2.cuhk.edu.hk/gss/](http://www2.cuhk.edu.hk/gss/)
Application Fee for admission: HK$300

Tuition Fee (whole programme)
HK$150,000 (subjected to change without prior notice)

Application Deadline
1st round: 31 January 2018
Final round: 30 April 2018

Scholarship & Enquiry
Mr. and Mrs. Chang Un Lin Memorial Scholarship
Mr. and Mrs. Chang Un Lin Memorial Scholarship will be awarded to students for achieving academic excellence and outstanding performance in the past two academic years. Two awards in a total amount of HK$50,000 will be granted biennially to outstanding postgraduate students.

Contact Us
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[http://www.obg.cuhk.edu.hk](http://www.obg.cuhk.edu.hk)

Request for Course Information
If you wish to receive a copy of the prospectus, please complete and return the reply slip below:
To: Department of Obstetrics and Gynaecology,
The Chinese University of Hong Kong
(Email: clarayyl@cuhk.edu.hk / Fax: 2636 0008)
Please send me details and application materials of Master of Science in Medical Genetics.

Name: 
Tel: 
E-mail: 
Address: 

[http://www.obg.cuhk.edu.hk](http://www.obg.cuhk.edu.hk)