



Professional Training Course in Population Genetics

*(which is the course CNGT5005 in
Master of Science in Medical Genetics)*

Date: 4 – 5 February 2017

Allan Chang Seminar Room, 1/F, Blk E, Prince of Wales Hospital, Shatin

Background

With the advances in the molecular genomic and genetic technology, we now have a much better understanding of the etiology of many diseases, which has widened the scope of clinical genetics from traditional paediatric syndromal disorders to fetal diseases, as well as to adult-onset diseases such as neurogenetic and oncological disorders. A wide range of laboratorial technologies also provides not only an accurate genetic diagnosis but also prenatal assessment and carrier screening.

Objectives

- ✓ To provide basic knowledge on genetics and common genetic diseases for clinicians, nurses and laboratory professionals who need to counsel, investigate and manage patients and families at risk of genetic disorders in their daily practice.
- ✓ To update the health care professional on the advances in the genomic and genetic technology in assisting clinical diagnosis and management.
- ✓ To serve as a preparation course for health care professional who want to further pursue a higher education in the field of clinical genetics.

Organiser

Department of Obstetrics and Gynaecology,
The Chinese University of Hong Kong

Entry Requirement

Applicants should possess a degree or equivalent and currently working in the relevant field.

Target Participants

- ✓ Clinical professionals (such as obstetricians, paediatricians, physicians, nurses and midwives), who are managing patients and families with genetic diseases in their daily practice.
- ✓ Laboratorial professionals who are working with genetic and genomic testing
- ✓ Clinical and laboratorial professionals who plan for a master degree education in the field of clinical genetics

Course Description

The course covers [1] risk assessment of a given genetic condition [2] implications of population screening for carriers of disease causing genes [3] gene mapping and identification of genes responsible for the predisposition to disease like cancers and autism [4] interpretation of DNA matching for paternity testing or forensic purposes [5] study of world-wide genetic variation among human populations.

Course Design

The course comprises of lectures and elearning elements. The course is delivered through lectures and interactive case discussion with total 13 hours (1 unit). Overseas renowned professors, local professionals and academic staff of the Department of Obstetrics and Gynaecology, CUHK are invited to be our teaching faculty.

Assessment

Written examination

Language

English

Accreditation

Pending **CME** points accredited by HKCOG

Pending **PEM** points accredited by Dept of O&G, CUHK

Feb course schedule (Total 13 hours)

Date		Time	Hours	Venue
4-Feb 2017	Sat	09:00–19:00	9	ACS
5-Feb 2017	Sun	09:00-12:00	3	ACS
e-learning (discussion / presentation)			1	-

ACS: Allan Chang Seminar Room, 1/F, Blk E, Prince of Wales Hospital

Tuition fee

Total \$5,000

Graduation Requirement

Students must fulfill all of the following criteria to be granted a:

Certificate of Completion

- An overall attendance rate of 80% (11 out of 13 hours)
- Pass the written examination

Certificate of Attendance

- An overall attendance rate of 80% but failed the examination

Overseas speaker



Prof Neil HANCHARD

Assistant Professor, Molecular and Human Genetics, Baylor College of Medicine
Assistant Professor, USDA/ARS Children's Nutrition Research Center, Baylor College of Medicine

Reply slip

Surname _____ First Name _____
Title _____ Dr. / Mr. /Ms _____
Highest qualification _____
Position _____
Department _____
Organization _____ (Hospital) _____
Address _____

Tel _____ Fax _____
Email _____

Payment Method

Tuition fee HK\$5,000 only

By Cheque (Payable to **The Chinese University of Hong Kong**)

Cheque no.: _____ Bank Name: _____

By Credit Card (in Hong Kong Dollars only)

Visa **MasterCard**

Card holder's name (Block letter): _____

Signature: _____ Date: _____

Credit Card Number _____ Expiry Date (mm/yy)

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Please charge the above credit card of amount _____

****If you are interested in this course, please return this reply slip to Miss Jessica Sit via email (jessicascw@cuhk.edu.hk), fax (2636 0008) or by post (Department of Obstetrics and Gynaecology, Block 1E, Prince of Wales Hospital, 30 Ngan Shing Street, Shatin, N.T., HK (Attn: Miss Jessica Sit)).**

Registration and Enquiry

Miss Jessica Sit

Tel: 852-2632 1527

Fax: 852-2636 0008

Email: jessicascw@cuhk.edu.hk