

ADVANCED DROSOPHILA GENETICS AND GENOMICS COURSE.

AUGUST 21 - SEPTEMBER 4, 2008

DUJIANGYAN, CHENGDU, CHINA.

INSTRUCTORS: MICHAEL ASHBURNER, R. SCOTT HAWLEY, CASEY BERGMAN AND YONG ZHANG.

(In addition we expect to have several guest instructors.)

This course will cover advanced methods in *Drosophila* genetics and genomics and is aimed primarily at postdoctoral and graduate students now working in a fly lab, or students from other fields moving into *Drosophila* research for their postdoctoral studies. Programme elements will include:

- advanced genetics • meiosis
- the *Drosophila* genomes • genetic analysis of complex characters
- databases and resources • evolutionary biology
- genetic screens • mosaics and P-element systems
- population genetics • genetic analysis of behaviour
- high-throughput screens • genetic analysis of sex determination.

This will be based on the very successful courses that have been given for over twenty years at the Cold Spring Harbor Laboratory and at the Wellcome Trust Hinxton Campus.

The course will be held in small hotel at Dujiangyan, which is about one hour's drive from Chengdu, home of China's Pandas.

Applications from graduate students, postdoctoral fellows and faculty members should be sent to Dr Yong Zhang by email at : yqzhang@genetics.ac.cn. The closing date for applications is June 16th 2008. Applications should be accompanied by a statement of why attendance at this course will be beneficial to the student, a statement of current research, a cv and two academic letters of reference. Successful applicants will be informed within a week of the closing date. There will be course fee of US\$1,000, which will include the cost of a shared room (single rooms require a \$300 supplement), basic meals and local transportation. Course participants will be responsible for their own travel to Chengdu, where a pick-up to Dujiangyan will be arranged.