

A ONE-DAY WORKSHOP

SURVIVAL SKILLS FOR YOUNG INVESTIGATORS

Practical suggestions on how to be an effective researcher.

Audience Research Higher Degree students and Early Career Researchers

Date Monday 12 September 2011

Time 9.00 am-4.00 pm

Location Auditorium, Queensland Biosciences Precinct (John Hay Building)

Cost Free! But registration essential

Registration <http://www.scmb.uq.edu.au/workshop>

Registrations close Monday 5 September



Tung-Tien Sun, PhD
Professor of Cell Biology,
Pharmacology &
Urology,
Rudolf L. Baer Professor
of Dermatology,
NYU School of Medicine



Professor Tung-Tien (Henry) Sun is an internationally acclaimed biomedical research scientist working in New York. He has received many awards including the Alcon Award in Vision Research, William Scott Senior Lectureship of Hopkins Medical School; Liu Lectureship of Stanford Medical School; Susan Swerling Lectureship of Harvard Medical School, Dean's Lectureship of NYU Medical School, and Borden Lectureship of British Society of Cell Biol. He is a fellow of Am Assoc Adv Science and a member of the Academia Sinica of Taiwan.

Professor Sun put together this practical workshop on scientific methods for young researchers following publication of his Nature paper *Excessive Trust in Authorities and its Influence on Experimental Design* and has delivered it throughout the USA and internationally.

Why do this session?

Although tremendous scientific progress has been made in recent times, the way we train our young investigators has remained basically the same - we practice apprenticeship. We offer our students courses on selected subjects, but we do not really teach them *how to do research*. Rather, by putting a student in a laboratory, we expect him or her to learn, perhaps by osmosis, everything there is to know about doing research. Many students find this process inefficient and frustrating.

This workshop deals with practical issues such as how to get (any) laboratory techniques to work reproducibly and predictably, how to read a paper actively (rather than passively), how to pick a research project, how to write a scientific paper, and how to be an effective seminar speaker. Postgraduate students and a young scientists will leave this course knowing the skills they must master in order to survive and to excel in doing research.

Program

9.00 - 9.10	Registration
9.10 - 9.30	Opening Remarks
9.30 - 11.00	Experimental Design
11.00 - 11.20	Coffee Break
11.20 - 12.10	Literature Analysis
12.10 - 1.10	Lunch (will be provided)
1.10 - 2.20	Scientific Writing
2.20 - 2.50	Coffee Break
2.50 - 4.00	Oral Presentation

School of Chemistry &
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