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# Independent Learning Project and Honours 2010



# Today

## for students doing Honours or ILP in 2010

- Why do a year of research when I want to be a clinician?
- Honours/ILP -----similarities & differences
- How are they assessed?
- finding a project:
  - Significant dates
  - How to find a project
  - Where to find information
  - Who to contact for help



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# Honours and ILP Convenor

Dr John Hunt

Department of Pathology,  
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Wallace Wurth Building

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# Honours and ILP Administrative Assistant

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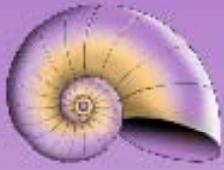
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## ILP & Honours : Why?

To learn how to be a good clinician  
you must learn to think scientifically

- Clinical decisions -Evidence based medicine
- How to distinguish good research from bad research
- Need to see how biomedical research is conducted
- Need to see the process from beginning to end
- what is easy? what is difficult? what problems arise?



## What is an ILP?

- Independent research or learning project
- Research some aspect of health or medicine
- 24 weeks of full time work
- Work with a supervisor (team?)
- Outputs = lit review + final report
- Aim is to get you thinking “scientifically”



## How does Honours differ from ILP?

- Independent research or learning project
- Research some aspect of health or medicine
- Work with a supervisor (team?)
- Aim is to get you thinking “scientifically”
- 32 weeks of full time work
- Outputs = lit review + seminars + thesis
- Normally a preparation for higher research degree
- More challenging projects

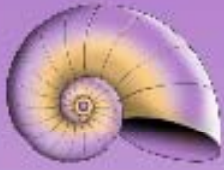


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# Honours

## BSc (Med) Hons

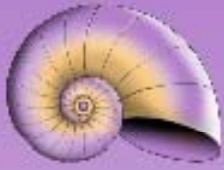
- Only as year 4 student
- need a WAM of over 70
- numbers capped ( 30 but may change)



# Independent Learning Project

## When is the ILP?

- Phase 2 : Years 3 or 4
- 2 entry points
- - March 2010 → November 2010 (4<sup>th</sup> Year)
  - May 2010 → March 2011 (3<sup>rd</sup> Year)



# Independent Learning Project

## How long is the ILP?

- 3 courses (total of 28UoC) (ILP1, ILP2, ILP3)
- Equivalent to 24 weeks of full time study spread over 32 weeks
- ILP 2 is taken concurrently with Extra faculty course + coursework



## ILP : Assessment

### How is the ILP assessed?

- ILP 1 - Lit Review/Progress report
- ILP 2 - Supervisor's report  
(satisfactory/unsatisfactory)
- ILP 3- Final Report (5000 words)
- External examiner - 60%
- Supervisor's report - 40%



# Honours

## BSc (Med) Hons

- Assessment
  - 3000 word Literature Review (u/satisfactory) (10 %)
  - Introductory Seminar (5%)
  - Final Seminar (15 %)
  - 20, 000 word Thesis (50 %)
  - Student performance (supervisor) (20 %)



# ILP: where can I do my ILP/Honours ?

## Any UNSW affiliate:

*School of Medical Sciences*

*School of Psychiatry*

*School of Public Health and Community Medicine*

*School of Rural Health*

*School of Women's and Children's Health*

*Prince of Wales Clinical School*

*St George Clinical School*

*St Vincent's Clinical School*

*South Western Sydney Clinical School*

*School of Biotechnology and Biomolecular Science*

*School of Psychology*

*Graduate School of Biomedical Engineering*

*Black Dog Institute*

*Children's Cancer Institute*

*Garvan Institute*

*Prince of Wales Medical Research Institute*

*Skin and Cancer Foundation*

*Victor Chang Cardiac Research Institute*



# Independent Learning Project

## Are there exemptions from the ILP?

- Having completed a Honours or higher degree by research (not by coursework).
- Other ? Case by case



## ILP 2010 – Significant Dates

Apr 09 Negotiation process start date:

12 Jun 09 Last date to submit submission form on emed  
must have “incomplete” as first word in title if not final  
version

28 Aug 09 Last date to finalise negotiated form on eMed

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14 Sep 09 Allocated projects listed on eMed

21 Sep 09 Allocated ILP preference form sent

12 Oct 09 Allocated ILP preference form due

23 Nov 09 Decision about project allocation will be available:

29 Mar 2010 Start of ILP for 4th year in 2010

17 May 2010: Start of ILP for 3rd year in 2010:



## Hons 2010 – Significant Dates

- April 28 Email will be sent asking for interest in Hons
- May 18 Will be advised of your WAM (need 70 ):  
average of P1 courses excluding EOP & Portfolio
- 12 Jun Last date to submit Honours project form

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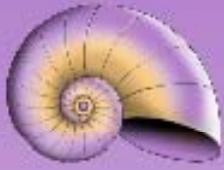
29 Mar 2010 Start of Honours in 2010



## ILP & Honours

### How do you find a project?

- Students can negotiate a project with a supervisor
  - ILP : submit by June 12 / finalise by Aug 28
  - Honours : Submit by June 12
- ILP projects may be selected from website. If over subscribed, student allocated to ILP by ballot (Aug-Sep).



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# Negotiating a Project

- think
- read / research
- short-list & Contact
- Decide
- develop plan



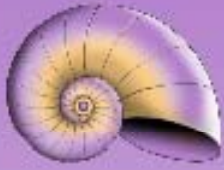
## Think

- Long term career plans?
- Have you found some fields more interesting than others ?
- Have you found any staff members more interesting / inspiring ???
- Are you more interested in clinical or lab based ?



## Read / Research

- research areas of interest using “research interest” or staff profiles on faculty of medicine web site
- read through previous projects listed on ILP web site (“current projects)
- talk to previous students
- talk to staff members / facilitators
- arrange meeting with me (room 507 WWB, 9385 1580



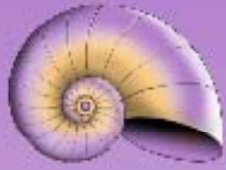
## Short list & contact

- make a short-list
- arrange meeting
- do your research before you meet ! --  
know what the potential supervisor does  
- have an idea in mind
- listen



## Decide

- Work through the options
- Take into consideration
  - Type of work
  - Supervisor
  - Back-up / support



# Independent Learning Project

- Make a plan in collaboration with your intended supervisor
- Adapt this plan for the ILP submission form
- Submit by June 12
- Finalise by **Friday Aug 28**



## Information?

- Research interests on Faculty Website
- List of Projects on ILP website
- ILP-friendly supervisors listed on ILP eMED
- Talk to staff you know
- Talk to other students
- Talk to me



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### Research Interests

**Prof Philip Hogg**  
([Position Details](#))  
**Phone** Please contact School/Unit  
**Qualifications** BSc, PhD Qld

**School/Unit**  
School of Medical Sciences

**Broad Research Areas**  
Biochemistry  
Cancer  
HIV - AIDS  
Drug Design - Drug Delivery

**Specific Research Keywords**  
Allosteric Disulphides  
Protein Regulation  
Cancer Drug Development and Pharmacology

**Research Interests**

Disulphide bonds are covalent links between pairs of cysteine amino acids. All life forms make this bond. Human cells, for instance, make about 3,000 different proteins that contain disulphide bonds. These bonds have been generally considered to be either structural or catalytic. Structural bonds stabilise a protein while catalytic bonds mediate thiol-disulphide interchange reactions in substrate proteins. There is emerging evidence for a third type of disulphide bond which can control protein function by triggering a conformational change when it breaks and/or forms. We have called these bonds 'allosteric disulphides'. We have predicted that about one in fifteen of all structurally determined disulphides is a potential allosteric bond, implying a significant role for these bonds in controlling protein function. Viral, bacterial and human proteins have been shown to be controlled by allosteric disulphides. Our research focus is to characterise control of important proteins by allosteric disulphides, be able to predict allosteric disulphides in proteins, and to exploit allosteric disulphides for drug development.

**Teaching Interests**  
My teaching interests include fundamental protein chemistry and cell biology. My expertise is in vascular biology.

**Society Memberships & Professional Activities**  
Awards and Honours  
W.R. Pitney Award, University of New South Wales (1992)  
Tow Prize, Coast Medical Association, Sydney (1992)  
R. Douglas Wright Fellowship, National Health and Medical Research Council of Australia (1993)  
The Cecilio Orlando Adcock Research Award, National Heart Foundation of Australia (1993)  
The Walter A. Stimson Research Award, National Heart Foundation of Australia (1995)  
Senior Research Fellowship, National Health and Medical Research Council of Australia (1996)

Done

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#### Cross Browse

View other research profiles that use these terms:

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**+ Antineoplastics And Immunosuppressives** 1

**+ Applied Psychology** 1

**+ Asia** 1

**- Asthma** 2

**Associate Professor Bill Sewell**  
*St Vincent's Clinical School - Department of Medicine*

Statement of Interests:  
Major interest is molecular and cellular biology of allergic inflammation. Particular interests are: (1) Role of cytokines, including Th2 cytokines and GM-CSF, in the pathogenesis of asthma, other allergic diseases and parasitic infection; (2) Role of eosinophils in these conditions; (3) In collaboration with A/Prof Andrew Collins, Biotechnology and Biomolecular Sciences, UNSW, investigation of immunoglobulin E sequences in allergy and parasitic infection; (4) In collaboration with the Pathology Department in St Vincent's Hospital, investigation of novel markers in leukaemia and lymphoma.  
[More...](#)

**Professor Guy Marks**  
*South Western Sydney Clinical School - Department of Medicine*

Statement of Interests:  
In the field of asthma I have research projects in (a) causes, risk factors and prevention and (b) monitoring trends and distribution of disease burden and management practices. I also conduct research on respiratory health effects of air pollution. I have some research projects related to public health aspects of TB control in Australia.  
[More...](#)

**+ Audit** 1

**+ Autonomic Agents** 1

**+ Avian Influenza** 1

**+ Back Injuries** 1

**+ Bacterial And Fungal Diseases** 1

**+ Bacterial Infections** 1

**+ Biochemistry** 1

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# ILP & Honours

## Guiding principles

- Don't contact too many supervisors
- Be polite
- Supervisors are busy people
- Do some homework



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# ILP & Honours

## Who to contact?

- John Hunt
- 9385 1580  
J.Hunt@unsw.edu.au