Honours in the School of Medical Sciences

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Expand Your Career Horizons

Do Honours at one of the leading Universities in the world

The School of Medical Sciences Honours program is a full time one year program which will set you up for many different career options
Why should you do Honours?

- More interesting career options
- Essential if you want to do a PhD
- Work on fascinating real world medical problems
- Opportunity to put into practice all the theory you have learnt for the last 3 years
- Appreciate the joy and satisfaction of coming up with new ideas and testing them
The School of Medical Sciences Honours Web page

sydney.edu.au/medicine-health/medical-sciences-honours
Research in the School of Medical Sciences and the Faculty of Medicine and Health

– There are approximately 300 potential supervisors and more than 400 research projects that are available for you to choose from

– How do you go about picking the right project AND the right supervisor for you?
How do you pick a Research Project?

Many ways to pick a project

- What were your favourite Units of Study?
- Are you interested in a particular disease?
- Do you like interesting techniques?
- Do you like thinking about molecules, signalling pathways, cells, organs, whole body systems, clinical problems?
- Are you interested in basic or fundamental research?
- Do you want a project with immediate clinical impact?
How do you pick a Supervisor?

Do your homework on the Supervisor
- Check out their University Profile page
- Use the search option on the main USYD web page
- Where do they publish their research?
- How often do they publish?
- How much research grant support do they have?
- Who funds their research?
- NHMRC and ARC funding is peer reviewed and subject to the most rigour
- Are they Internationally recognised for their work?
Talk to Potential Supervisors

Talk to the Supervisor
  – either today or make an appointment

Talk to other members of the lab
  – If you choose a particular lab, you are going to spend a lot of time with other members of the lab
  – PhD and current Honours students will give you an honest appraisal of their lab
  – Does the lab have PhD students, Postdocs – these people will be valuable resources
  – In a small lab you will spend more time with your supervisor
The Honours Project Search Engine

http://sydney.edu.au/medicine/study/honours/search.php
Research Themes

Anthropology and osteology
Cancer
Cell Biology
Chemical biology and toxicology
Drug discovery and development
Genetics and pharmacogenomics
Human movement and biomechanics
Human reproduction and developmental biology
Infectious diseases and immunology
Metabolism, obesity, cardiovascular diseases and Diabetes
Neuroscience, neurology, ageing and vision
Respiratory medicine
Smooth muscle and stem cell biology
Tissue repair and wound healing
Expression of interest for admission to Honours in Medical Sciences

Please consult your intended primary supervisor (and a departmental associate supervisor if your primary supervisor is external to the School) to complete this form. Supervisors and projects can be found here: www.sydney.edu.au/medicine-health/medical-sciences-honours

Email a scanned copy of your completed expression of interest form together with your academic transcript to: soms.education@sydney.edu.au AND to the proposed supervisor no later than 30 November 2019.

NOTE: This is NOT an enrolment form. You must also pre-enrol through the Faculty of Science. For more information please visit: http://www.science.usyd.edu.au/fstudent/undergrad/course/honours/index.shtml

SUPPORTING DOCUMENTATION
Please attach a copy of your academic transcript with your expression of interest.
Applications

Students
Students can only submit one Expression of Interest (eg. you cannot apply to both Physiology and Pathology)

Supervisors
Senior researchers may have only one Honours student

For labs that also have postdoctoral fellows, they will be permitted to have one extra student who will be supervised by one of the postdocs.

If a lab has two or more postdocs they will be limited to two Honours students in total for the lab.
Honours Coordinators in the School of Medical Sciences

Anatomy and Histology
(Paul Austin)

Applied Medical Sciences, Westmead
(Andrew Harman)

Infectious Diseases and Immunology
(Carl Feng)

Pathology
(Lenka Munoz)

Pharmacology
(Michael Murray)

Physiology
(Daniel Johnstone, Laurence Macia)