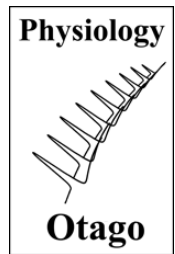


# Summer Research Scholarships in the Department of Physiology 2016/17



This Physiology Department has an initial application process where students apply for summer research projects in the Department. From these applications, academics will choose which students they will invite to do summer research projects in their labs for ten weeks between November/December 2016 and January/February 2017.

## How to Apply:

Have a look at the list of possible projects displayed on the Physiology Department website (<http://phsl.otago.ac.nz/summer.php>) and on noticeboards outside the 200 & 300 level labs on the ground floor of the Lindo Ferguson Building.

Talk to the academics that are offering the projects you're interested in to find out more about the project itself and see if it is suitable for you.

Decide on one, but no more than 3, projects for which you would like to be considered.

Fill in an application form (available from the Physiology Department website or from Karla Sellwood in the Physiology Administration Office, G38) and hand it in to Karla by **midday, Friday 12 August 2016**.

## What Happens Next:

Karla will give a copy of your application form and academic record to the academic/s with whom you are interested in working.

The academics will go through their pile of applications and decide to which student they would like to offer their summer research project.

All students will be informed as to whether or not they have been accepted to submit a project for a summer research scholarship in the Physiology Department by **Thursday 18<sup>th</sup> August 2016**.

Selected students work with their academic supervisor to prepare an application for a summer student scholarship. Deadline for application and letter of recommendation from the supervisor to Karla is **23<sup>rd</sup> August 2016**. Karla will ensure this is signed by the HoD and will electronically send to the Division of Health Sciences by the due date.

## Questions?

For questions about the **projects themselves**, talk to the relevant supervisor/academic.

For questions about the **selection process** or **anything else**, talk to Karla Sellwood or Tracey Fleet (G38, Lindo Ferguson Building; or [karla.sellwood@otago.ac.nz](mailto:karla.sellwood@otago.ac.nz) / [tracey.fleet@otago.ac.nz](mailto:tracey.fleet@otago.ac.nz)).

# Application for a Summer Research Project in the Department of Physiology, 2016/17

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Rank up to **three** research projects you'd like to be considered for (leave the other squares blank):

	<b>Dr Andrew Bahn</b> - <i>Use of optogenetics in pancreatic <math>\beta</math>-cells to decipher the role of GLUT9 under hyperuricemic conditions</i>
	<b>Dr Andrew Bahn &amp; Dr Rajesh Katare</b> – <i>Cardiac stem cell function under hyperuricemic conditions</i>
	<b>A/Prof Ruth Empson &amp; Dr Emmet Power</b> – <i>The role of exercise in the progression of SCA1</i>
	<b>Dr Jeff Erickson</b> – <i>The role of CaMKII in cardiac pathology</i>
	<b>Dr Martin Fronius &amp; Dr Zoe Ashley</b> – <i>How does cardiovascular disease alter epithelial Na<sup>+</sup> channel expression (ENaC) in the vasculature?</i>
	<b>Dr Kirk Hamilton</b> – <i>Role of cytoskeletal and accessory proteins in targeting KCa3.1 channel to the basolateral membrane of polarised epithelial cells</i>
	<b>Dr Phil Heyward</b> – <i>Regulation of intercommunication in cortico-limbic brain circuit</i>
	<b>Dr Pete Jones</b> – <i>Role of RyR2 in cardiac arrhythmia</i>
	<b>Dr Rajesh Katare</b> – <i>MicroRNAs in diabetic cardiovascular disease</i>
	<b>Dr Regis Lamberts</b> – <i>Adrenergic control of the diabetic heart</i>
	<b>A/Prof Fiona McDonald</b> – <i>How are iron channels recycled?</i>
	<b>Dr Daryl Schwenke</b> – <i>The effect of exercise on cardiovascular control in diabetes</i>
	<b>Dr Alex Tups</b> – <i>The influence of the clock on body weight</i>

### My Availability:

Summer research projects are designed to take 10 weeks (not including write-up). Should you be selected for a project, it is up to you and your supervisor to decide exactly when you will start and finish the research component. The earliest date I could start a summer research project is: \_\_\_\_\_

Is there any period of time over the summer when you are expecting to NOT be available?

No

Yes – the date/s I am unavailable are: \_\_\_\_\_

Please tick:

I have spoken to the academic/s I am interested in working with about the project they are offering.

I give permission for a copy of my academic record to be printed and given to the academic/s I have indicated above.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_