

# AuPS CONFERENCE

## 29 NOV – 2 Dec 2015

Hosted by the University of Tasmania's  
Faculty of Health and  
Menzies Institute for Medical Research



## 2015 CONFERENCE INFORMATION



[www.aups.org.au](http://www.aups.org.au)



Image: Tourism Tasmania & Scott Sporleder

## WELCOME

On behalf of the Australian Physiological Society (AuPS), we extend an invitation to you to attend the 2015 conference hosted by the University of Tasmania, Hobart, Australia from Sunday 29th November to Wednesday 2nd of December.

We are delighted with the broad program that has been assembled: twelve symposia spanning a range of physiological sciences; more than 11 international speakers; a physiological education symposium; oral free communication sessions; and poster free communication sessions. The meeting format will facilitate poster discussion and judging, and awards for student and postdoctoral presentations. Please consider communicating your latest research within these free communication formats.

We are honoured to have the following keynote lectures:

- AuPS Invited Plenary Lecturer  
Prof Stefan Broer, Australian National University.  
*Amino acid transport - translating basic discovery into improving health*
- Invited Plenary Speaker:  
Prof Bret Goodpaster, Sanford Burnham Medical Research Institute, Florida, USA.  
*The impact of exercise on insulin resistance and type 2 diabetes*
- Michael Roberts Education Prize Lecturer (winner 2014):  
Dr Deanne Skelly (nee Hryciw), University of Melbourne.

The welcome reception on the Sunday night features Prof. Broer's plenary lecture, followed by drinks and food. There is a student social at the Brunswick Hotel on Monday night, with the annual conference dinner on the Tuesday night at MONA (Museum of Old and New Art).

Stephen Rattigan  
Chair of the AuPS Local Organizing Committee  
S.Rattigan@utas.edu.au  
Phone: +61 3 6226 2671



## RESEARCH SYMPOSIA

In addition to our keynote lectures, there will be a wide range of research symposia and across the four day meeting including:

- Stem Cells & Regenerative medicine
- Novel mechanisms that regulate the physiological attributes of muscle
- The sarcoplasmic reticulum of skeletal muscle
- Linking mitochondria with health and disease
- Controlling the excitable heart
- SERCA and NaK properties and regulation in skeletal muscle
- Cardiovascular metabolo-pathology
- Age, sex and cardiovascular protection strategies
- New insights into exercise-induced mitochondrial adaptations
- Sex-specific effects of programming: how your gender plays a role in determining your disease risk
- Physiological mechanisms controlling microvascular flow and muscle metabolism
- Lipid metabolism in Health & disease – novel techniques to assess lipids

Please visit [AuPS](http://www.aups.org.au) for further details on symposia, poster sessions and abstract submissions

## REGISTRATION AND ABSTRACT SUBMISSION

[Online Registration commences 7 September 2015](http://www.aups.org.au) (visit [www.aups.org.au](http://www.aups.org.au))

Deadline for the early-bird registration and abstract submission is 2 October 2015.

<b>REGISTRATION TYPE</b>	<b>Early-bird Registration</b>	<b>Registration (after 2<sup>nd</sup> Oct)</b>	
Full member	\$550	\$650	Includes ticket to Conference Dinner & all lunches
Full non-member	\$700	\$800	
Student member	\$290	\$390	
Student non-member	\$450	\$550	
Education Workshop and Monday day registration	\$200	\$240	Includes ticket to Welcome Reception & Monday lunch
Education Workshop only	Free*	-	*Does not include ticket to Welcome Reception
Guest ticket to Conference Dinner	\$190	-	
Guest ticket to Welcome Reception	\$40	-	



## **AUPS EDUCATION PRECONFERENCE WORKSHOP DESIGNING ASSESSMENTS IN PHYSIOLOGY**

Sunday 29 November 2015

One of the challenges in teaching large classes is how to assess student knowledge in an efficient and effective manner. The theme for this year's Education Workshop is "Assessment". We are delighted to announce that Joel Michael\* from Rush Medical School University will introduce the session with a presentation on assessing students' understanding of complex causal mechanisms using MCQs and will lead the activities in the Education Workshop.

The workshop will be structured to permit attendees to discuss problems and difficulties that they have encountered with assessment and to work together in groups to develop solutions for these. One focus will be on the use of MCQs and EMQs to test students' learning and problem solving skills (higher order skills). Charles Sevigny will showcase the work he has been doing in this area at the University of Melbourne and Ashley Edwards from the University of Tasmania will discuss her work on using flexible assessment.

### **Program**

1.00pm	Welcome	Yvonne Hodgson
1.10pm	Designing Higher Order Assessments in physiology	Joel Michael* Rush University Chicago, US
1.30pm	Using EMQs and MCQs to assess higher order thinking and knowledge in physiology	Charles Sevigny University of Melbourne
1.45pm	Flexible assessments	Ashley Edwards University of Tasmania
2.00pm	Workshop activities	Participants discuss and work on assessment problems
4.00pm	End	

\* Sponsored by Physiology Department, Monash University.



Image supplied by MONA

## SOCIAL EVENTS

### CONFERENCE DINNER - TUESDAY 1 DECEMBER

The conference dinner will be held at the world-renowned MONA, which houses a private collection of contemporary art works and exhibitions and is ranked 20 of 500 best places in the world by Lonely Planet. Enjoy the amazing architecture and views over the river and vineyard. In addition to some delicious cuisine, featuring Tasmanian based produce, the dinner will include a ferry trip on the Derwent River and a private viewing of the famous museum. This will be a 'medal' dinner - bring a medal that you have won at some point in your life. It can be anything from a medal from the egg & spoon race to a Nobel Prize!

**Time:** 6:30pm - *The Ferry (MR-1) will leave Brooke St Pier on the Hobart Waterfront at 6.30pm sharp (see map on back page). Canapés and drinks will be served on board as we travel to MONA.*

**Cost:** The cost of the dinner is included in the conference registration.

**Dress:** Lounge suit



Image supplied by Tourism Tasmania and Adam Gibson

### STUDENT & EARLY CAREER RESEARCHER MIXER - MONDAY 30 NOVEMBER

The student and early career researcher mixer on Monday evening promises to be a terrific social event at the Brunswick Hotel, a favourite amongst locals. The venue is located within walking distance of the conference precinct and the evening will include dinner and drinks package.

**Time:** 7pm

**Location:** The Brunswick Hotel, 67 Liverpool St.

**Cost:** \$15



Images courtesy of Tourism Tasmania & Hotel Grand Chancellor

## Accommodation

The following list of accommodation options are ~10min walk from the conference venue (17 Liverpool St).

### 4-5 Star Hotels

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[Henry Jones](#) Art Hotel  
Hunter street, Hobart Wharf

The [Old Woolstore](#)  
Apartment Hotel  
Macquarie Street, CBD

[Hadley's](#) Orient Hotel  
Murray Street, CBD

Hotel [Grand Chancellor](#)  
Davey Street, CBD

Hotel [Collins](#)  
Collins Street, CBD

[Mantra](#) Collins Hotel  
Collins Street, CBD

### 2-3 Star Hotels

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Quality Hotel Hobart [Midcity](#)  
Elizabeth Street, CBD

[Central](#) Cafe Bar  
Collins Street, CBD

[Customs House](#)  
Waterfront Hotel  
Murray Street, Hobart wharf

### Youth Hostels/BackPackers

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TassieBackpacker  
@[The Brunswick](#) Hotel  
Liverpool Street, CBD

[Montgomery's](#) Private Hotel &  
YHA Backpackers  
Argyle Street, CBD

### Apartments

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[Somerset](#) on the Pier  
Collins Street, CBD

[RACV/RACT Hobart](#)  
Apartment Hotel  
Collins Street, CBD

[Quest Savoy](#) Apartments  
Collins Street, CBD

[Zero Davey](#)  
Boutique Apartments  
Davey Street, Hobart Wharf

[Quest Trinity](#) House  
Brooker Ave, Outer CBD



Image courtesy of Port Arthur Lavender

## Useful Information

### Weather

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Daily Temperatures for December are 11/20°C.

The weather in Hobart can be variable, so please bring a warm jacket (particularly for the evenings).

### Things to do

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- [Top 10 things](#) to do
- Enjoy [local produce](#), [brewery's and vineyards](#)
- Visit [historic sites](#)
- Enjoy an [outdoor adventure](#)
- [Discover Tasmania](#)

### Useful Contacts

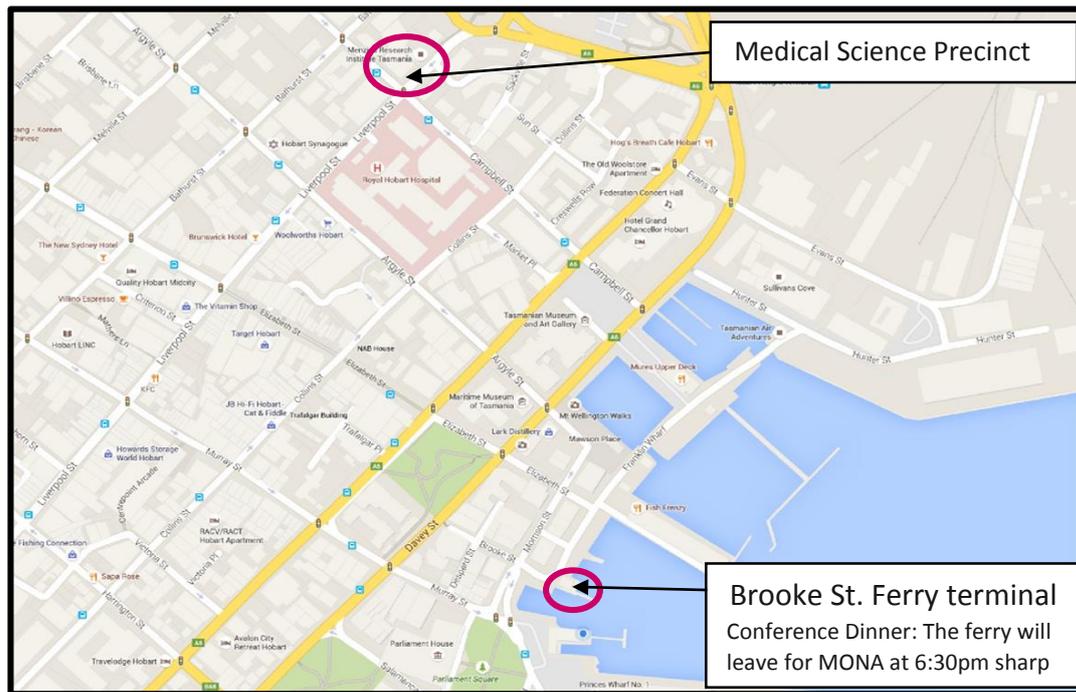
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- Police General Assistance  
131 444
- Royal Hobart Hospital  
6222 8308
- Taxi Combined  
13 2227



## Travel

The conference will be held at the University of Tasmania, Medical Science Precinct  
 17 Liverpool Street, Hobart.



### Airport Transfers & Car Hire

The Hobart Airport is ~20min drive from the Hobart CBD. Taxi, shuttle bus and hire car information is available on the [Hobart Airport Website](#)

There are daily flights to Hobart from mainland Australia

- [Qantas](#)
- [Virgin Blue](#)
- [Jetstar](#)

### The Spirit of Tasmania

You can travel to Tasmania by boat on [The Spirit of Tasmania](#) (and bring your car!). The crossing from Melbourne to Devonport takes 9-11 hours. Hobart is ~3h drive from Devonport.

### By Car

If you wish to drive, there is limited parking around the Medical Science Precinct. There are number of commercial car parks in close proximity.

- [Vodafone Central](#) Car Park  
Cnr Argyle & Bathurst St
- [Market Place](#) Car Park  
2-4 Market Place
- [Argyle St](#) Car Park  
38 Argyle Street

### Conference Dinner

The Conference Dinner will be held at [MONA](#). Transport by ferry to and from the venue is included.

The ferry will leave from and return to the Brooke St Ferry terminal on the Hobart waterfront.

### Public Transport

The local bus service is run by [Metro](#) Please note that the Medical Science Precinct is in the city centre, not at the Sandy Bay University Campus.

If you are using public transport, the Medical Science Building is ~10min [walk](#) from the Hobart City stop in the Elizabeth Street Bus Mall.

