



Australian & New Zealand Association of Clinical Anatomists Inc.

Newsletter, June, 2014

President's report

Dear Members,

As winter makes its presence felt, we all feel the need to buy winter clothing (probably just another T-shirt in Northern Queensland), and think of adventures in holiday destinations. One such destination is Queenstown, the adventure capital of New Zealand. The 11th annual ANZACA meeting will be held in Queenstown in December and the organising committee is well underway with planning an exciting mix of international and national speakers. In addition there will be pre-conference workshops, including 'Publishing for postgrads' and the use of ultrasound for anatomy teaching. We have a number of ultrasound machines with which to up skill. So be sure you register early, so as not to miss out.

As Queenstown is a long way from our department, there will not be a laboratory tour. The long range forecast does not mention snow for December, however there will be an opportunity to ride the luge, as well as enjoy Lake Wakatipu. Deadline for submission of abstracts is 29th September 2014.

There will be a reasonable contingent of ANZACA members heading over to Beijing in August for the IFAA meeting. ANZACA has offered to sponsor a symposium led by Prof Gareth Jones, entitled "State of Anatomy". If you did not manage to submit an abstract in time, there is still the opportunity to attend, and with the number of ANZACA members going, you can be sure there will be others to help with translation of "Giddy".

The IFAA (International Federation of Anatomical Associations) was established in 1903, with the purpose of assembling national and multinational anatomical associations. The aims of the federation are generally aligned to those of ANZACA, but obviously at a global level. There are a number of committees that endeavour to carry out these aims, including the Anatomical Terminology, Anatomical Education, Ethics and Medical Humanities, Scientific Publications, Supranational Anatomical Projects and Anatomical Research.

As discussed at our AGM last year, ANZACA will be submitting a bid to hold the next IFAA congress in Brisbane in 2019. We are preparing brochures and a slideshow to highlight both the attractions of Brisbane, as well as how well organised, and how active ANZACA members are within Anatomy. Attendees at the congress make the decision on the venue of the next congress. The congress is held each 5 years and is an opportunity to gather with anatomists from around the world. Previous meetings have been; Beijing 2014, Capetown 2009, Kyoto 2004, Rome 1999, Lisbon 1994. Not sure who of our members went to an earlier meeting?

I trust you have all finished your mid-semester marking, so it's time to get your research dusted off, and start thinking about your abstract for ANZACA in Queenstown.

Dr. Phil Blyth
ANZACA President



The next ANZACA conference will be held in December in Queenstown!



Anatomy in Work and Play

The 11th ANZACA conference is being hosted by the Department of Anatomy, University of Otago. We are excited to invite you to join us at the Heritage Hotel, **Queenstown, December 3-5**. In addition to an action-packed programme you will be able to soak up the breath-taking scenery and enjoy some 'play time' in the adventure capital of New Zealand (think rafting, bungy jumping, jet boating, sky diving, mountain biking, rock climbing and much more)!

The programme will kick-off with two **pre-conference workshops**:

- Publishing for Postgrads: facilitated by Professor Rachel Spronken-Smith, an expert in higher education research. While the workshop is targeted at postgraduates including Honours, Masters and PhD students, postdocs and new (and old!) lecturers are also welcome
- Ultrasound for Teaching and Learning: facilitated by Dr Phil Blyth (ANZACA chairperson) and Ms Jill Muirhead an experienced ultrasonographer

Come meet and mingle with your colleagues at the **Welcome Reception** (5–7pm, Wednesday 3 December) on the rooftop of the Heritage Hotel (on the proviso of fine weather). In addition to delicious local wines and canapés, this venue also allows spectacular views of Queenstown and Lake Wakatipu.

The conference programme will be opened by Academy Award winner **Associate Professor Mark Sagar** (University of Auckland, NZ) whose research focuses on bringing digital characters to life using artificial nervous systems to empower the next generation of human computer interaction. We are fortunate to be joined by two keynote presenters who are both leading clinical anatomists and educators: **Professor David Porta** (Bellarmino University, USA) who works in the area of trauma biomechanics, applying his research to a variety of scientific and forensic fields; and **Associate Professor David Morton** (University of Utah, USA), whose interests include the creation and incorporation of active learning activities as well as the use of cadavers in medical education. In addition to their keynote presentations, each will run a 1½ hour workshop incorporated into the programme (details to be confirmed soon). **Rachel Spronken-Smith** (University of Otago, NZ) rounds out the programme with a presentation on the 'Changing Landscape of Higher Education'.

On Thursday evening we will board the historical **TSS Earnslaw** for a 45-minute cruise across Lake Wakatipu, disembarking at Walter Peak High Country Farm. Here we will enjoy our **conference dinner** with an array of New Zealand produce (and a farm show thrown in for good measure!). Following the conclusion of the conference on Friday we invite all delegates to join in the (optional extra) adventure at the **Skyline Luge** (which includes a gondola ride), guaranteed to get the adrenaline flowing!

We have plenty of spaces available for plenary and poster presentations. Some important dates to note are:

- Abstract submission – closes Monday 29 September
- Early-bird registrations – close Friday 24 October

For further information, please visit the Conference website: <http://anzaca.otago.ac.nz/conference/anzaca-2014>

For some other ideas of Queenstown pursuits, see: <http://www.queenstown-vacation.com/>

We look forward to seeing you all in December!



Phil Blyth, Steph Woodley, Helen Nicholson, Natasha Flack

Dr. Stephanie Woodley, 13th June, 2014

Help with cross sectional anatomy may be in the form of a ‘simulator’

“Why’s this person got two aortas”? We’ve all been there. A puzzled student is looking at a CT and can’t relate the gross anatomical appearance of the aortic arch in the cadaver to the two white discs that they’re pointing at. Well, help may be at hand, from our neighbour, UniSA, who are literally across the road to the University of Adelaide. A couple of weeks ago the anatomists from here went to see the anatomists from there and we got to play with their ultrasound simulators. These consist of a flexible plastic torso, much like those you’d find in the clinical skills lab and an ultrasound probe. It turns out the probe isn’t real, although it looks so and has to be used with the same pressure as a real one. What’s more, torso is empty; just a few sensors to tell the probe what should be there. But what you see on the screen is a real-time ultrasound image-intestine, liver, even a beating heart, valves and all. Tellingly, all the anatomists plonked the probe on the chest to ‘see’ the heart until we were told that pointing it up through the diaphragm gave a much better view. Even more telling, the anatomists cottoned on to this really quickly and were driving the machine in no time-and fighting for the probe. Compared to the usual performance of academics when presented with new technology, this was quite remarkable. Then the icing on the cake: next to the ultrasound image was a psuedocoloured interactive MRI-based image that moved as the probe moved. So if you can’t figure out what’s in the ultrasound image, you can always look at the adjacent monitor and find out. And this is where we come back to the puzzled student. Given one of the simulators in the gross anatomy lab, they could be eased in their transition from the aortic arch in a cadaver, to that in the psuedocoloured moving MRI to the two tubes in the ultrasound image. The simulator is housed on a trolley about 1m X 1.5m, but can’t be bumped across the road to the University of Adelaide unless we invest in a fancy ‘transporter’ supplied by the manufacturer, so we are seriously considering

marching our class over to UniSA. It will be interesting to see if these simulators actually do improve students' understanding of cross sectional anatomy-I feel a study coming on. But clearly, some clever programmer should make a CT and MRI simulator on the same lines. Here's to inter-university co-operation. And to show and tell.

Dr. Ian Johnson, 13th June, 2014

Anatomy and Pathology
The University of Adelaide

List of upcoming conferences

2014

The British Association Of Clinical Anatomists (BACA) - Summer meeting of BACA 2014

The Summer Scientific Meeting of the Association will be held in association with Plymouth University Peninsula Schools of Medicine and Dentistry on Thursday 3rd July 2014.

<http://www.liv.ac.uk/HumanAnatomy/phd/baca/bacameet.html>

Anatomical Society Summer meeting at the University of Bradford

8th-10th July 2014
Bradford, UK

<http://www.anatsocmeeting.co.uk/ibis/summer-2014/home>

The American Association of Clinical Anatomists (AACA)

8-12th July, 2014
Orlando, Florida

<http://www.clinical-anatomy.org/upcomingmeetings.html#Denver>

Annual International Conference on Microscopic & Macroscopic Anatomy

21 -22 July 2014

Singapore

<http://www.anatomy-conf.org/index.html#sthash.G3qNOZHa.dpbs>

The 18th Congress of the International Federation of Associations of Anatomists (IFAA)

August 8-10, 2014

Beijing, China

<http://www.ifaa.net/index.php/news/47-the-18th-congress-of-the-iffaa-2014>

2015

European Association of Clinical Anatomy

13th EACA meeting 2015,
June 2015

Rouen - France

<http://www.eaca-aeac.org/>

Dr. Monika Zimanyi, 16th June, 2014

Are you running an anatomy workshop that may interest other anatomists?

Please email monika.zimanyi@jcu.edu.au or kristy.weir@uq.edu.au the details so that we can include it in upcoming newsletters to encourage education of our educators.

Visit the ANZACA Facebook page

Go to <http://www.facebook.com> and search for 'ANZACA'

If you would like to contribute items to the ANZACA Facebook page please contact Jamie Chapman – Jamie.Chapman@utas.edu.au

VISIT THE ANZACA WEBSITE - <http://anzaca.otago.ac.nz>