

**FINAL PROGRAM: JOINT MEETING OF ANZACA AND AIAS  
9-11 DECEMBER 2012, CROWNE PLAZA, COOGEE BEACH**

**Sunday, 9 December 2012**

4.00 - 5.00pm	Registration
5.00 - 7.00pm	<b>Welcome and Cocktail Reception</b> Chair: Patrick de Permentier <i>Crowne Plaza Coogee Terrace</i>

**Monday, 10 December 2012**

8.30 -9.00am	Registration
9.00 -9.15am	<b>Welcome and housekeeping:</b> Chair: Nalini Pather

9.15 -10.00am	<b>Keynote Lecture: Professor Wojciech Pawlina</b> <b>The electronic alphabet of learning, social media, and social networks in anatomy education</b> <b>Oceanic East</b>
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10.00am -10.30am	<b>Morning tea &amp; Poster Viewing</b>
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<b>Session 1:</b>	<b>CLINICAL ANATOMY</b> Chair: Nalini Pather Venue: Oceanic East	<b>TEACHING SPACE AND RESOURCES</b> Chair: Marcus Robinson Venue: Oceanic West
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10.30- 10.45am	Virtual placement of screws for slipped capital femoral epiphysis - Risks to vascular supply- PHIL BLYTH	Museum techniques in preservation and display of anatomical specimens- DAVID CUTTING
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10.45-11.00am	Defining the coccygeal plexus- JASON WOON	The new laboratory at ANU- LOUIS SZABO
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11.00-11.15am	Variation in pelvic and acetabular anatomy between the standing and spine position in total hip replacement patients- JOHN AU	Building a new laboratory: tricks for beginners- MARCUS ROBINSON
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11.15-11.30am	CT investigation of adult thoracic intervertebral disc morphology- J FLETCHER	Training the clinical anatomy trainer: An old trick for new dogs- MICHELLE TING
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11.30-11.45am	Venepuncture-related peripheral nerve injuries- ABIGAIL MOORE	Teaching with textiles- FIEKE NEUMAN
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11.45-12.00pm	Prediction, prevention and rehabilitation of musculoskeletal injuries- DANIJEL TOSOVIC	Online audio-visual resources for pre-laboratory preparation and revision- ANNE-MARIE WILLIAMS
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12.00-1.00pm	<b>Lunch</b> <i>Crowne Plaza restaurant</i>
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<b>Session 2:</b>	<b>e-LEARNING ANATOMY</b> Chair: Phil Blyth Venue: Oceanic East	<b>ANATOMY RESOURCES</b> Chair: Julie Sinuks Venue: Oceanic West
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1.00-1.15pm	<b>SPECIAL LECTURE</b> <b>An anatomy community of practice:</b> <b>together we can do it!</b> <b>NALINI PATHER</b>	<b>Guest speaker: MALYNDA FLAREY</b> <b>NSW Health Policy Directive –</b> <b>Conduct of anatomy examinations and</b> <b>anatomy licensing in NSW</b>
1.15-1.30pm		

1.30-1.45pm	Advancing clinical anatomy education via E-learning- NORMAN EIZENBERG	
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1.45-2.00pm	Anatomy: adapting to the future and beyond- NALINI PATHER	Does embalming protect persons who work with human cadavers from viral infections?- MARCUS ROBINSON
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2.00-2.15pm	Posting onto on-line discussion forums does help in learning anatomy- ROD A GREEN	Why do potential body donors decide not to donate?- KATHRYN McCLEA
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2.15-2.30pm	Impact of integrated adaptive tutorials on learning in pathology- GARY VELAN	The demographic characteristics of Australasian body donors: a multi-centre study- JON CORNWALL
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2.30-2.45pm	Is YouTube any good for learning heart anatomy?-P WAIDYASEKARA	Evolving the body donor form- DOUG GILLESPIE
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2.45-3.00pm	Development and implementation of a virtual laboratory for use in a 3rd year Anatomy course at the University of NSW - THOMAS FATH	A full-size illuminated mannequin to demonstrate dermatomes: what the students thought-C LI
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3.00-3.45pm	<b>One-minute poster presentations</b> Chair: Ken Ashwell Venue: Oceanic East
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3.45-4.00pm	<b>Afternoon tea and Poster Viewing</b>
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<b>4.00-5.00pm</b>	<b>ANZACA AGM</b>	<b>AIAS AGM</b>
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6.15pm	<i>Buses leave Crowne Plaza Coogee for Sydney harbour (meet at hotel foyer)</i>
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7.00-10.00pm	<b>Conference dinner: Sydney Harbour Cruise</b>
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10.15-10.30pm	<i>Buses leave Sydney harbour for Crowne Plaza Coogee</i>
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Tuesday, 11 December 2012		
8.30 -9.00am	Registration	
9.00-9.45AM	<p style="text-align: center;"><b>Guest speaker: Dr Estelle Lazer</b>  <b>Pompeii AD 79: Anatomy of a mass disaster</b>            Chair: Ken Ashwell</p>	
9.15-9.30AM		
<b>Session 1:</b>	<p style="text-align: center;"><b>ANTHROPOLOGY RESEARCH AND TEACHING</b>            Chair: Ken Ashwell            Venue: Oceanic East</p>	<p style="text-align: center;"><b>TEACHING &amp; LEARNING</b>            Chair: Irina Dedova            Venue: Oceanic West</p>
	9.45- 10.00am	<p>The importance of anatomy in the education of forensic scientists- MARISE HEYNS</p>
10.00-10.15am	<p>Ancestry prediction for incomplete skulls- LOUISE BAILLIE</p>	<p>Does contextualisation aid the study of musculoskeletal anatomy in an undergraduate biomedical course?- KRISZTINA VALTER</p>
10.15-10.30am	<p>Sex differences in projectional surface anatomy- SA MIRJALILI</p>	<p>Who accesses clinical anatomy websites? Data from a New Zealand anatomy department - BJ WOODFORD</p>
10.30am -11.00am	<b>Morning Tea and Poster Viewing</b>	
<b>Session 2:</b>	<p style="text-align: center;"><b>CLINICAL ANATOMY RESEARCH</b>            Chair: Mark Stringer            Venue: Oceanic East</p>	<p style="text-align: center;"><b>MEDICAL AND SURGICAL EDUCATION</b>            Chair: Chris Briggs            Venue: Oceanic West</p>
	11.00-11.15am	<p><b>SPECIAL LECTURE</b>  <b>Radiological anatomy in learning and teaching</b>  <b>Dzung Vu</b></p>
11.15-11.30am	<p>Quantitative morphometric examination of the human pubic symphyseal surface of Australian individuals with age using computed tomography- LAURA GREGORY</p>	
11.30-11.45am	<p>Morphology of the foetal sigmoid colon with special reference to the aetiology of sigmoid volvulus- MR HAFFAJEE</p>	<p>Surgeon assisted prosections help provide greater clinical relevance in undergraduate medical and surgical education- ANDREW HATTAM</p>
11.45-12.00pm	<p>The relationship between intercostal and collateral artery radius and distribution of muscle mass in the chest wall- BRYN STAMFORD</p>	<p>Learning and teaching human anatomy: the use of multiple interactive approaches- MN GHABRIEL</p>
12.00-12.15pm	<p>Endoscopic anatomy of the middle ear- J WU</p>	<p>Implementation of eLearning in anatomy: key factors for success-ALEXANDRA WEBB</p>
12.15-1.00pm	<p><b>Lunch</b>  <i>Crowne Plaza restaurant</i></p>	
1.00-1.45pm	<p><b>WORKSHOP:</b>  <b>Teaching discipline-independent skills in the gross anatomy course</b>  <b>Professor Wojciech Pawlina</b></p>	
	<b>Oceanic East</b>	
<b>Session 3:</b>	<p style="text-align: center;"><b>CLINICAL ANATOMY TEACHING</b>            Chair: Vaughan Kippers            Venue: Oceanic East</p>	<p style="text-align: center;"><b>APPLIED MUSCULAR ANATOMY</b>            Chair: Rod Green            Venue: Oceanic West</p>
	1.45-2.00pm	<p><b>SPECIAL LECTURE</b>  <b>Embryology in an anatomy world</b>  <b>Mark Hill</b></p>
2.00-2.15pm	<p>Development of a novel statistical method to test spatial distributions of skeletal muscle fibre types- T DAVIES</p>	
2.15-2.30pm	<p>Medical students' perceptions of the value of dissection- HELEN NICHOLSON</p>	<p>Estimating muscle force capacity: a comparison of MRI cross-sectional area with fascicle dissection measures- P BARKER</p>
2.30-2.45pm	<p>Electromyographic profiles of anterior and posterior segments of gluteus minimus during gait - AI SEMCIW</p>	<p>A novel anatomy competition to engage and promote anatomy education in Australia- CLAUDIA DIAZ</p>
2.45-3.00pm	<p>Differentiation of the two heads of infraspinatus during functional testing- PC HUGHES</p>	<p>Integrating medical imaging into anatomy curriculum – the experience of three cohorts of medical students at Sydney Medical School- MICHELLE MOSCOVA</p>
3.00-3.15pm	<p>Stop thumbing around: a quantitative analysis of the structure and architecture of the transverse and oblique heads of the adductor pollicis muscle- ALEX STAMENKOVIC</p>	<p>Anxiety effect on studying cadaveric anatomy - can audiovisual tools help improve student perception of the anatomy laboratory?- A BRETT</p>
3.15-3.30pm	<b>Afternoon Tea</b>	
<b>Session 4:</b>	<p style="text-align: center;"><b>CLINICAL ANATOMY TEACHING TOOLS</b>            Chair: Goran Strkalj            Venue: Oceanic East</p>	<p style="text-align: center;"><b>HISTOLOGY AND CELL BIOLOGY</b>            Chair: Phil Waite            Venue: Oceanic West</p>
	3.30-3.45pm	<p>A clinical anatomy roadshow at Fiji medical schools - L SAMALIA</p>
3.45-4.00pm	<p>An advanced surgical anatomy course for recent medical graduates- VAUGHAN KIPPERS</p>	<p>The structure of the mucosal folds within the pancreaticobiliary junction- NS PURVIS</p>
4.00-4.15pm	<p>Enhancing the teaching &amp; learning of anatomy at a rural university. - R BLAICH</p>	<p>E-learning in histology: is there a correlation between virtual microscopy use and exam performance?- ANNE-MARIE WILLIAMS</p>
4.15-4.30pm	<b>ANNOUNCEMENT AND PRESENTATION: ANZACA 2013- UNIVERSITY OF QUEENSLAND</b>	
4.30-5.00pm	<b>Prize Giving and Close</b>	

**POSTER PRESENTATIONS**

<b>POSTER No.</b>	<b>Title</b>	<b>Presenting Author</b>
P1	Liver histological deterioration following paracetamol toxicity is attenuated by polysaccharides of <i>Psidium guajava</i> (guava) fruits supplementation	A KAMARUDDIN
P2	Early curcumin supplementation minimises the histopathological and immunological progression of collagen-induced arthritis in the ankle joints of male <i>Sprague-Dawley</i> rats	TA KAMARUDIN
P3	Histomorphometry and biomechanical properties changes of glucocorticoid-induced osteoporotic bone treated with <i>glycyrrhizic acid</i>	ELVY SUHANA
P4	Structural bone histomorphometry study in glucocorticoid-induced osteoporotic rats after given <i>Piper sarmentosum</i>	HS FARIHAH
P5	Phenotypic evaluation of corneal keratocytes in culture: morphology, immunocytochemistry and gene expression study	AG NORZANA
P6	Study of the maternal and fetal toxicity of cadmium administration during pregnancy in rats and the role of selenium	HA SALEH
P7	The HT29 and DLD-1 colon cancer cell lines contain cancer stem cells.	CB PENNY
P8	Effect of curcumin on the aorta of ovariectomized rats fed with repeatedly heated palm and soy oil – an electron microscopic study	F OTHMAN
p9	Anthropological analysis of the skeletal collection of the chiropractic department of Macquarie University	STANLEY SERAFIN
P10	Cataloguing anatomical variations	NICOLE BUSBY
P11	A correlation of assessment method with student performance	NALINI PATHER
P12	Hands-on problem based learning project for veterinary anatomy students	DIANA NOTTLE
P13	Do body donor registrations show annual variation?	JON CORNWALL
P14	A restoration and reconstruction of skeletal remains with Marfan Syndrome	INAS KANSOH
P15	Constructivist learning enhances understanding of the anatomy of the inguinal canal	MICHELLE TING
P16	Does body donor age-at-death differ to the general population? Data from a New Zealand medical school	JON CORNWALL
P17	The anatomy poster library: development of a departmental resource	C SMITH
P18	Modification in the conventional plastination techniques for the enhancement of presentation of plastinated gross anatomy teaching	HS FARIHAH
P19	A student volunteer prosector program at a regional university	CLAUDIA DIAZ
P20	New cadaver facility at SCU Gold Coast	SHARON MILLER
P21	Mechanical linkage between the tracheal bifurcation and the pericardium, and its role in laryngeal descent	VINEET GOROLAY
P22	Detailed anatomy of the boundaries of the parotid space in view of spread of infection or malignancy	N MA
P23	Intra-operative landmarks for the identification of the facial nerve in retrograde parotidectomy	WENJIE ZHONG
P24	Patterns of the emerging branches of the superficial cervical plexus in fetuses	PAMELA PILLAY
P25	Intramuscular and extramuscular tendon lengths	NICOLE MINTO, JESSICA FAY
P26	Comparison of lower limb muscle activity during therapeutic exercises and corresponding functional movements	BOJANA SIMSIC
P27	Significance of tibial and common peroneal nerves in nerve blocks	JH LEE

P28	Comparing muscle activation patterns in simulated driving and video-based exercises in old adults	CLAIRE NEVILLE
P29	Understanding the painful coccyx: an anatomical MRI study	JASON WOON
P30	The effect of training on the contractile properties of muscle: implications for the prediction of musculoskeletal injury	PB KORCZYK
P31	Clinical anatomy and correlative imaging of the ligamentous and muscular attachments of the pubic symphysis	ISAAC LUI
P32	Serendipitous finding of the variations of the ribs and their corresponding cartilages	A GURU
P33	Upper limb arterial variations revisited	IRINA DEDOVA
P34	Isolated dislocation of the trapezoid – a rare case report and clinical anatomical considerations	MICHELLE TING
P35	Segmental architecture and fibre type within the subscapularis muscle	KRISTY WEIR
P36	Variation in the method of innervation of the brachialis muscle of the arm with special reference to accessory branches from the musculocutaneous nerve and the median nerve	AV RANAD
P37	The intrinsic arterial vascularity of the median nerve in the carpal tunnel	V PERUMAL
P38	Detection of paraspinal muscle atrophy in non-specific chronic low back pain patients	VAUGHAN KIPPERS
P39	MRI investigation of the relationship between lumbar disc degeneration and multifidus atrophy	STANLEY SERAFIN
P40	Computer modelling of vertebral body shape	JON CORNWALL
P41	Linking learning, teaching and assessment styles for Anatomy students	FAZILA ALLY