

# SURGICAL EDUCATION

Co-Conveners: Rebecca Garland and Andrew Malcolm

Professor Richard Murray

## Townsville

*Professor Richard Murray is the Dean of the College of Medicine and Dentistry at James Cook University and the President of Medical Deans Australia and New Zealand. His career focus has been in rural and remote medicine, Aboriginal health, public health, tropical medicine, medical and health professional education and the healthcare needs of underserved populations. He has a national and international profile in rural medical education and rural medicine and has held a range of leadership positions. Professor Murray is also a Director on the Board of the Mackay Hospital and Health Service and is a past President of the Australian College of Rural and Remote Medicine. Prior to joining JCU as Planning Director of the Rural Clinical School in 2005, Professor Murray spent 14 years in the remote Kimberley region of Western Australia, including 12 years as the Medical Director of the Kimberley Aboriginal Medical Services Council, a position in which he had broad-ranging clinical, population health, teaching, research and medical leadership and management roles.*

## MONDAY 6 MAY

5:00pm - 6:30pm **CONVOCATION CEREMONY AND SYME ORATION (TICKETED EVENT)**  
World Ballroom A/B/C

6:30pm - 7:30pm **WELCOME RECEPTION (TICKETED EVENT)**  
Pre-function Area (L22)

## TUESDAY 7 MAY

2:00pm - 3:30pm **SURGICAL EDUCATION PRIZE PAPER PRESENTATIONS**  
Lotus Suite 10  
Chairs: **Adrian Anthony (Adelaide) and Sally Langley (Christchurch)**

2:00pm  
**SE001** Evaluation of The Effect of a Smartphone-Based Feedback App on Trainees' and Trainers' Perceptions in Orthopaedic Surgery  
**Ian Incoll (Sydney)**

2:08pm  
**SE002** Exploring the interrelated challenges of surgical education and training in Timor-Leste  
**Sean Stevens (Melbourne)**

2:16pm  
**SE003** Validation and reliability testing of an objective evaluation tool for assessment of performance in laparoscopic appendectomy surgery  
**Pramudith Sirimanna (Sydney)**

2:24pm  
**SE004** Progression in Diagnosis and Management Decisions  
**Wendy Crebbin (Melbourne)**

2:32pm  
**SE005** Surgeons' Perceptions of Peer Coaching  
**Katarina Foley (Adelaide)**

2:40pm  
**SE006** A hospital based surgical coaching program: feasibility, perceptions and challenges  
**Nelson Granchi (Adelaide)**

2:48pm  
**SE007** The effects of gender on multiple mini-interview station scores for Selection into Australian Orthopaedic Surgery  
**Ian Incoll (Erina Fair)**

2:56pm  
**SE009** Assessment of Ambidexterity in Laparoscopic Surgery: A Simulation-Based Study  
**Sally Wilkinson (Melbourne)**

3:04pm Training in Professional Skills (TIPS): The Creation and Evolution of a Simulation-based 'Non-Technical' Skills Course for Trainee Surgeons in Australia and New Zealand  
**SE010 Ian Incoll (Erina Fair)**

3:12pm Supporting undergraduate medical students in surgery - is it time for a different teaching model  
**SE011 Sarah Rennie (Wellington)**

3:30pm - 4:00pm **AFTERNOON TEA - TUESDAY**  
Bangkok Convention Centre A2

4:00pm - 5:30pm **TRAINING IN CULTURAL COMPETENCE**  
(Combined with: Global Health Program, Indigenous Health, Quality & Safety / Surgical Directors, Rural Surgery)  
Lotus Suite 7  
Chair: **Rachelle Love (Christchurch)**

*A discussion on cultural intelligence training for trainees and fellows. There will be a focus on the fellowship improving cultural literacy in Aboriginal / Torres Strait Island and Maori cultural issues.*

4:00pm Practical cultural competence  
**Richard Murray (Townsville)**

4:20pm Undergraduate cultural competence program  
**Papaarangi Reid (Auckland)**

4:40pm Post-graduate cultural competence and surgery  
**Rebecca Garland (Wellington)**

5:00pm Discussion

7:00pm - 10:30pm **SECTION DINNER (TICKETED EVENT)**  
(Combined with: Quality & Safety / Surgical Directors, Otolaryngology Head & Neck Surgery)

## WEDNESDAY 8 MAY

8:30am - 10:00am **INDIGENOUS TRAINEE RESEARCH SESSION: HOW DO WE GET MORE INDIGENOUS TRAINEES TO UNDERTAKE SURGICAL RESEARCH**  
(Combined with: Indigenous Health, Trainees Association)  
World Ballroom B  
Chairs: **Shaun Ewen (Melbourne) and Jonathan Koea (Auckland, New Zealand)**

*Five indigenous trainees present their research findings followed by a panel discussion on how RACS can increase the numbers and success rates of indigenous trainees undertaking research training. The panel will be made up of Professor Andrew Hill, Professor Papaarangi Reid, Professor Shaun Ewen, Dr Rebecca Garland, Dr Maxine Ronald and Dr Jamie-Lee Rahiri*

8:30am Indigenous health medical education: building on successes  
**Shaun Ewen (Parkville)**

8:50am An equity based approach to Maori health research in surgery using bariatric surgery as an example.  
**Jamie-Lee Rahiri (Auckland)**

9:00am Nurturing indigenous research capability in a tikanga Maori environment  
**Emma Espiner (Auckland)**

9:10am Peri-operative local anaesthetics in colonic surgery  
**Wiremu MacFater (Auckland)**

- 9:20am Outreach Clinics: Improving Surgical Access in Regional and Remote Australian Indigenous Communities  
**Jordan Cory**
- 9:30am Barriers to indigenous peoples participation in biobanking and genomic research  
**Jaclyn Aramoana (Rotorua)**
- 9:40am Discussion
- 8:30am - 10:00am LEADING A HEALTHY DEPARTMENT**  
(Combined with: Quality & Safety / Surgical Directors, Younger Fellows)  
Lotus Suite 13  
Chairs: **Ruth Bollard (Ballarat) and Brian Kirkby (Caboolture)**
- 8:30am Good Days and Bad days: Identifying and Supporting the Aging Clinician  
**Gerald Hickson (Nashville, USA)**
- 8:50am How Much Coffee is Enough?  
**Gerald Hickson (Nashville, USA)**
- 9:10am Building a Patient Safe System  
**Amir Ghaferi (Ann Arbor, USA)**
- 9:30am How healthy is your team?  
**Michael Rodgers (Auckland)**
- 9:50am Discussion
- 10:00am - 10:30am MORNING TEA - WEDNESDAY**  
Bangkok Convention Centre A2
- 10:30am - 12noon PLENARY SESSION  
GLOBAL HEALTH**  
World Ballroom B
- 12:30pm - 1:30pm LUNCH - WEDNESDAY**  
Bangkok Convention Centre A2
- 1:30pm - 2:00pm KEYNOTE LECTURE**  
(Combined with: Quality & Safety / Surgical Directors)  
Lotus Suite 7  
Chair: **Rebecca Garland (Wellington)**
- Resilience is essential in surgery - but when is it not enough? When do we look to the wider problems not "toughen the people"? How does facilitating change interface with resilience?*
- 1:30pm Resilience- is it a dirty word?  
**SE049 Professor Richard Turner (Hobart)**
- 1:50pm Discussion

2:00pm - 3:30pm

## RESILIENCE

(Combined with: Women in Surgery)

Lotus Suite 7

Chairs: **Jennifer Chambers (Port Macquarie) and Ian Civil (Auckland)**

2:00pm

Setting the scene- stats from RACS, review of local and international literature, individuals vs systems, Lancet paper

**Rhea Liang (Gold Coast)**

2:15pm

Buidling a culture of respect in surgery

**SE012**

**John Biviano (East Melbourne)**

2:25pm

Prevocational JMOs and how they acquire resilience

**Sarah Aitken (Sydney)**

2:40pm

Everyday Mindfulness and Surgical Burnout

**SE013**

**Mina Kaddis (Nightcliff)**

2:50pm

Burnout: A leadership perspective

**Suzi McAlpine (Nelson)**

3:05pm

Discussion

3:30pm - 4:00pm

## AFTERNOON TEA - WEDNESDAY

Bangkok Convention Centre A2

4:00pm - 5:30pm

## THE SCOPE OF SUBSPECIALTY PRACTICE IN PROVINCIAL AND RURAL CENTRES

(Combined with: Rural Surgery, Global Health Program, Quality & Safety / Surgical Directors)

Lotus Suite 12

Chair: **John Lengyel (Whangarei)**

4:00pm

How to maintain competence in rural practice

**RS024**

**J. Patrick Walker (Crockett, USA)**

4:20pm

The assurance of competence in rural practice

**Brian Kirkby (Caboolture)**

4:40pm

The demand for specialists in a global setting

**Eddie McCaig (Suva, Fiji)**

5:00pm

Quality in rural practice

**Shehnarz Salindera (Woolgoolga)**

5:20pm

Discussion

## THURSDAY 9 MAY

8:30am - 10:00am

## SOCIAL MEDIA

(Combined with: Women in Surgery, Colorectal Surgery, Quality & Safety / Surgical Directors, Rural Surgery, Trainees Association, Younger Fellows)

World Ballroom A

Chairs: **Nazanin Ahmadi (Sydney) and Alex Popadich (Wellington)**

8:30am

Strategic use of social media

**Heather Logghe (Reno, USA)**

8:50am

Use of Twitter in Surgery

**David Grayson (Auckland)**

- 9:10am The art of blogging  
**Nicole Stamp (Murdoch)**
- 9:30am Facebook - social networking for family, friends, physicians (and surgeons!)  
**WS006**  
**Christine Lai (Adelaide)**
- 9:45am Discussion
- 10:00am - 10:30am MORNING TEA - THURSDAY**  
Bangkok Convention Centre A2
- 10:30am - 12noon PLENARY SESSION**  
**DIVERSITY**  
World Ballroom B
- 12noon - 12:30pm THE PRESIDENT'S LECTURE**  
World Ballroom B
- 12:30pm - 1:30pm LUNCH - THURSDAY**  
Bangkok Convention Centre A2
- 2:00pm - 3:30pm SUPER THURSDAY - FACING CHALLENGES**  
(Combined with: Women in Surgery, Indigenous Health, Medico-legal Program, Quality & Safety / Surgical Directors, Rural Surgery, Trainees Association)  
World Ballroom A  
Chairs: **Jennifer Chambers (Port Macquarie) and Bruce Waxman (Melbourne)**
- 2:00pm Women in surgery in Malaysia  
**April Roslani (Malaysia)**
- 2:20pm Medico-legal issues in 2019  
**Paisit Siriwittayakorn (Chiangmai, Thailand)**
- 2:40pm Rural surgery in 2019  
**Sally Butchers (Lismore)**
- 3:00pm Business challenges for females in private practice - Private practices of the future  
**Rebecca Grover (Melbourne)**
- 3:20pm Discussion
- 3:30pm - 4:00pm AFTERNOON TEA - THURSDAY**  
Bangkok Convention Centre A2
- 4:00pm - 5:30pm SUPER THURSDAY - UNCONSCIOUS BIAS**  
(Combined with: Women in Surgery, Indigenous Health, Quality & Safety / Surgical Directors, Rural Surgery, Trainees Association, Younger Fellows)  
World Ballroom A  
Chairs: **Ruth Bollard (Ballarat) and Annette Holian (Melbourne)**

- 4:00pm What is unconscious bias?  
**Suzi McAlpine (Nelson)**
- 4:20pm How unconscious bias affects indigenous trainees and surgeons  
**Papaarangi Reid (Auckland)**
- 4:40pm Disrespect on basis of gender  
**Gerald Hickson (Nashville, USA)**
- 5:00pm Microaggression: How to prevent, avoid and respond to the little things that add up  
**Heather Logghe (Reno, USA)**
- 5:20pm Discussion

**5:30pm - 6:30pm RACS ANNUAL GENERAL MEETING**  
World Ballroom C

**7:00pm - 11:30pm CONGRESS DINNER (TICKETED EVENT)**  
Bangkok Convention Centre B2

## FRIDAY 10 MAY

**8:30am - 10:00am HISTORICAL MILESTONES IN SURGICAL EDUCATION**  
(Combined with: Surgical History, Women in Surgery)  
Lotus Suite 6

8:30am Historical perspectives on the education and training of surgeons  
**SE048 John Collins (Auckland)**

8:50am The history of women in Surgery  
**Deborah Colville (Melbourne)**

9:10am The history of simulation in surgical education and training  
**Oscar Traynor (Dublin, Ireland)**

9:30am Discussion

**10:00am - 10:30am MORNING TEA - FRIDAY**  
Bangkok Convention Centre A2

**10:30am - 12noon PLENARY SESSION  
FUTURE HORIZON**  
World Ballroom B

**12noon - 12:30pm THE PRESIDENT'S TOWN HALL**  
World Ballroom B

**12:30pm - 1:30pm LUNCH - FRIDAY**  
Bangkok Convention Centre A2

1:30pm - 2:00pm

## THE HAMILTON RUSSELL MEMORIAL LECTURE

Lotus Suite 5

Chair: **John Collins (Auckland)**

How should we train the surgeons of tomorrow?

**Professor Oscar Traynor (Dublin, Ireland)**

2:00pm - 3:30pm

## SURGICAL SIMULATION

Lotus Suite 5

Chair: **Andrew Malcolm (Nelson)**

2:00pm

Integrating simulation into the curriculum for future surgical training

**Oscar Traynor (Dublin, Ireland)**

2:20pm

Temporal bone simulation in ORL

**Stephen O'Leary (Melbourne)**

2:40pm

The future of simulation

**Ramesh Nataraja (Melbourne)**

3:00pm

**SE014**

Systematic Review of the Clinical Applications of 3D printing in Surgery

**Michael CHEN (Brisbane)**

3:10pm

**SE015**

Simulation Education in General Surgery: Status Report and Review of Literature

**Jessica Ng (Brisbane)**

3:20pm

**SE016**

Training Surgical Educators: Utilising Simulation to Transition Towards a Competency-Based Training Programme in Myanmar

**Ramesh Nataraja (Melbourne)**

3:30pm - 4:00pm

## AFTERNOON TEA - FRIDAY

Bangkok Convention Centre A2

4:00pm - 5:30pm

## RESEARCH PAPERS - SIMULATION

Lotus Suite 5

Chairs: **Andrew Malcolm (Nelson) and Ramesh Nataraja (Clayton)**

4:00pm

**SE017**

A Systematic Review of the Validity and Effectiveness of Augmented Reality in Surgical Education

**Joshua Kovoov (Adelaide)**

4:09pm

**SE018**

A new look at noses - nasal endoscopy surgical simulation training

**Sally Shepherd (Moonee Ponds)**

4:18pm

**SE019**

Virtual reality training to Improve Dexterity Of General surgical registrars LAParoscopic cholecystectomy Skills Study (VIDEO GAMeS Study) - A proposal for a Randomised Controlled Trial

**Shabnam Islam (Treeby)**

4:27pm

**SE020**

Acute surgical unit compromises registrar training in emergency surgery

**Sarah Seidl (Gosford)**

4:36pm

**SE026P**

Confidence and readiness of Interns in the ward management of general surgical patients

**Benjamin Dobson (Gold Coast)**

4:45pm

**SE021**

Surgical Coaching in the Outpatient Environment: a video-based intervention that improves surgical consultation skills.

**Nelson Granchi (Torrensville)**

4:54pm	Simulation and Competency: How Simulation Can Be Used to Teach Work-Based Assessments
<b>SE022</b>	<b>Damir Ljuhar (Sassafras)</b>
5:03pm	FlexDex - the learning curve
<b>SE023</b>	<b>Ana Galevska (Camperdown)</b>
5:12pm	Benefits of 3D printing in orthopaedic preoperative planning: A literature review
<b>SE024</b>	<b>Michael JIANG (Heidelberg)</b>
5:21pm	The Use of Simulation Training in Plastic Surgery
<b>SE025</b>	<b>Zehao Dong (Seacombe Gardens)</b>

## POSTER ABSTRACTS

*These posters may be viewed on the screens in the Exhibition area. The posters will also be available on the Virtual Congress*

<b>SE046P</b>	Twenty Years of Vascular Surgery Research in Australasia: defining future directions <b>Judy Wang (Glen Iris)</b>
<b>SE045P</b>	Training the Millennial Microsurgeon <b>Edward STANLEY (Albert Park)</b>
<b>SE028P</b>	Analysis of online laparoscopic appendectomy videos utilising the LAP-VEGaS guidelines <b>Nicole Loper</b>
<b>SE044P</b>	The key to confidence: male clinical associates positively influence medical students' experience of learning digital rectal examinations. <b>Sarah Lock (Taroona)</b>
	Improving Surgical Education in Australia and New Zealand - which method of medical education is more effective? <b>Jason Kim (Gold Coast)</b>
<b>SE038P</b>	SET1 selection competition: Pre-vocational bottleneck and credential inflation. <b>Daniel Thompson</b>
<b>SE034P</b>	Procedural dissection: an adaption to an aging modality <b>Arunan Jeyakumar (Westlake)</b>
	Understanding of the role of surgical subspecialties; a junior doctor's perspective <b>Pascalino Romeo (Southport)</b>
<b>SE039P</b>	Stressed surgeons at high risk of Work-Related Musculoskeletal Disorders <b>Katherine Grant (West Hindmarsh)</b>
<b>SE047P</b>	Whose job is it anyway? A study on Resident referrals to surgical subspecialties <b>Pascalino Romeo (Southport)</b>
<b>SE036P</b>	Road Blocks to Research for Junior Doctors: A survey of a tertiary hospital <b>Samuel Leedman (Mount Claremont)</b>
<b>SE032P</b>	Intern teaching during Surgical internship in Australia: what do junior doctors value in their practice? <b>Kay Tai Choy (Taringa)</b>
<b>SE031P</b>	Does Medical School prepare one adequately for surgical internship in Australia: a



qualitative study  
**Kay Tai Choy (Taringa)**

- SE035P** Rare case of acalculous cholecystitis: Gallbladder torsion resulting in rupture  
**Brielle WOOD (Southport)**
- SE029P** Are we preparing medical students for clinical leadership?  
**Tracey BARNES (Dunedin)**
- SE027P** A Visual Aid to Help Teach Split Skin Graft Harvesting  
**Nam Kyu Yang (Cherrybrook)**
- SE041P** Surgeons' perceived self-efficacy in surgical consultation skills  
**Nelson Granchi (Torrensville)**
- SE040P** Student-Led Research Collaborative  
**Colby Stevenson**
- SE033P** Microsurgical training at home: a review and trial of efficacy and feasibility  
**Minhao Hu (Somerton Park)**
- SE037P** Selection into Orthopaedic Training and Outcomes - 2007-2012 Selection Intakes  
**Ian Incoll (Erina Fair)**
- SE042P** Surgical Master's by coursework: an overview of options for the aspiring junior  
**Minhao Hu (Somerton Park)**
- SE043P** The development of surgical training - a historical review  
**Dinushi Perera (Sydney)**
- SE030P** Boss vs Trainee - Who Did It Better? Can Bariatric Surgery Be Taught Safely?  
**Preekesh Patel (Fitzroy)**