



FRONTIERS 2018

The Art, Science and Future of Otolaryngology, Head and Neck Surgery

Thursday 30th August to Saturday 1st September 2018

The Pullman Cairns International in Cairns City, Queensland, Australia

gprwmf.org.au

Sponsored by [The Garnett Passe and Rodney Williams Memorial Foundation](#)



Welcome

On behalf of The Trustees and Board of the Garnett Passe and Rodney Williams Memorial Foundation, we extend a warm welcome to you, our speakers, delegates and guests in attendance at the 11th biennial Frontiers in Otolaryngology, Head and Neck Surgery conference.

The Frontiers meeting has a long history of bringing together thought leaders from the scientific and medical communities to inform, question and discuss the latest research and clinical advances in Otolaryngology, Head and Neck Surgery. The 2018 meeting promises to continue this tradition, with an impressive gathering of speakers and a diversity of session topics that are sure to generate new ideas and opportunities for collaboration, leading to improved health and medical outcomes across the OHNS specialty.

We encourage you to embrace this unique opportunity to engage with international and local experts against the stunning backdrop of Tropical North Queensland and look forward to many important conversations and exciting outcomes.



Professor William B Coman
Trustee and Foundation Chair
Conference Convenor



Dr Michael Jay
Trustee and Board Chair
Conference Convenor



Speakers

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Benjamin S. Bleier | International Keynote Speaker

Dr Benjamin S. Bleier is an Associate Professor of Otolaryngology at Harvard Medical School, Director of Endoscopic Skull Base Surgery, and Co-Director of the Orbital Surgery Center. Dr. Bleier has authored over 100 articles, two textbooks, and holds 5 patents. Dr. Bleier has been recognized by the Michael J. Fox Foundation, Boston Magazine, and Harvard Magazine for his research.



Dr Prepageran Narayanan | International Keynote Speaker

Dr Narayanan is Senior Professor and Consultant in the Department of Otorhinolaryngology, Head & Neck Surgery at University Malaya. His area of expertise includes Advanced Endoscopic Sinus Surgery, Endoscopic Skull Base Surgery, Otology, Neurotology, Skull Base Surgery and Cochlear Implants. Dr Narayanan is the author of more than 20 books including DVD and e-surgical manual videos, and has published more than 180 papers in local and international journals.



Professor Peter Thorne | International Keynote Speaker

Professor Thorne is Director of the Eisdell Moore Centre, a University of Auckland centre for hearing and balance disorders and is Co-Director of Brain Research New Zealand, a national Centre of Research Excellence on the ageing brain. He has published widely on cochlear pathophysiology and sensorineural hearing loss. He contributes substantially to the hearing-impaired community and was made a Companion of the New Zealand Order of Merit in 2009.



Dr Kellee Slater | Conference Dinner Speaker

Dr Slater is a surgeon at Brisbane's Princess Alexandra Hospital and Greenslopes Private Hospital. She trained in complex liver and pancreas surgery and liver transplantation both in Brisbane and the US. Dr Slater now specialises in surgery for all diseases of the liver, bile ducts and pancreas, including laparoscopic gallbladder surgery.

Scientific Program

Friday 31 August 2018		
Opening (Chair: Bill Coman)		
8.00 - 8.10	Official Welcome and Conference Opening	Bill Coman
8.10 - 8.35	Is philanthropy overlooked as a source of research funds?	David Kennedy
8.35 - 9.15	Bypassing the blood-brain-barrier using heterotopic mucosal grafting of the skull base	Ben Bleier
9.15 - 9.55	Sensorineural hearing loss: Progress and challenges to developing treatments	Peter Thorne
9.55 - 10.00	Questions	
10.00 - 10.30	Morning Tea	
Research During Surgical Training (Chair: Michael Jay)		
10.30 - 10.45	Mucosal barrier in chronic rhinosinusitis	Jae Murphy
10.45 - 11.00	The host-microbe interface in chronic rhinosinusitis	Sathish Paramasivan
11.00 - 11.15	Impact of electrocochleography on cochlea implantation	Luke Campbell
11.15 - 11.30	The Overseas Clinical Fellowship award	Brett Levin
11.30 - 11.45	Completing a PhD around your surgical training	Brent McMonagle
11.45 - 12.00	The nature of microbial involvement in the development of adenotonsillar hyperplasia	Brett Wagner
12.00 - 12.15	Discussion	All
12.15 - 13.15	Lunch	
Surgical Haemorrhage (Chair: Bill Coman)		
13.15 - 13.35	Physiology of Bleeding	John Rowell
13.35 - 13.55	Radiological investigation and embolisation	John Clouston
13.55 - 14.15	Management of nasal haemorrhage	PJ Wormald
14.15 - 14.45	Skull-based bleeding	Prepageran Narayanan
14.45 - 15.05	Carotid blow-out	Peter Friedland
15.05 - 15.20	Discussion	All
15.20 - 15.50	Afternoon Tea	
Mixed Specialty (Chair: Stella Clark)		
15.50 - 16.10	3D sinus anatomy (including VR demo)	Rowan Valentine
16.10 - 16.25	Laryngeal pathology / inflammation and vocal load	Debbie Phyland
16.25 - 16.40	Tackling medical challenges using 3D Printing	Gordon Wallace
16.40 - 16.55	Airway Modelling and Manipulation in Obstructive Sleep Apnoea	Stuart Mackay
16.55 - 17.10	Using fNIRS to improve management of infants with SNHL	Colette McKay
17.10 - 17.15	Launch of the AJO	Richard Harvey
17.15 - 19.00	Poster Presentations and Competition	

Scientific Program

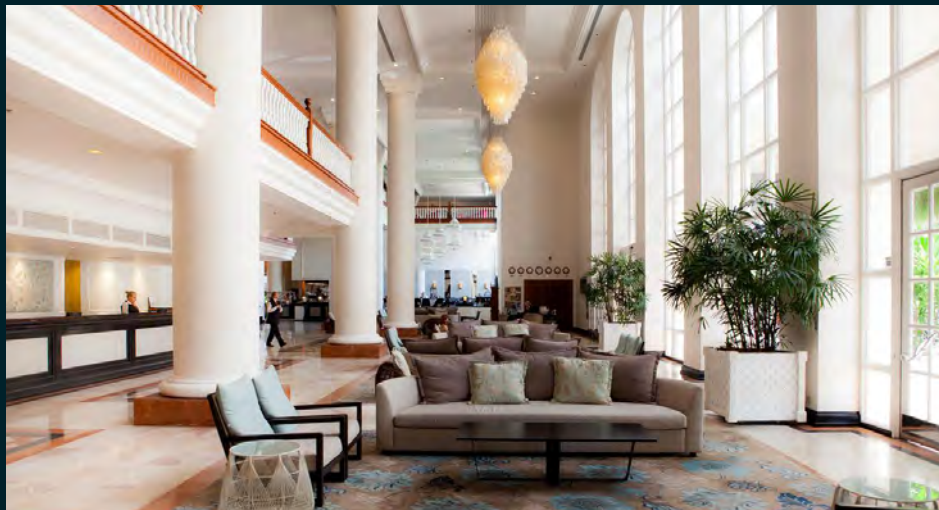
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Saturday 1 September 2018		
Sensorineural Hearing Loss (Chair: John Harris)		
8.00 - 8.15	Setting the scene for SNHL	Cathy Birman
8.15 - 8.35	Adenosine and its therapeutic potential for acute SNHL	Peter Thorne
8.35 - 8.55	Gene Therapy	Gary Housley
8.55 - 9.10	Targeted drug therapy	Andrew Wise
9.10 - 9.25	Steroid therapy for inner ear disease	Nathan Creber
9.25 - 9.40	Clinical trials for emerging treatments	Stephen O'Leary
9.40 - 10.00	Panel Discussion - Led by Stephen O'Leary	All
10.00 - 10.30	Morning Tea	
Translation & Commercialisation (Chair: Jeanette Pritchard)		
10.30 - 10.45	Bringing medical and healthcare technologies to the end-user	Robert Klupacs
10.45 - 11.25	vHIT development & clinical implementation (including VR demo)	Hamish MacDougall Elodie Chiarovano
11.25 - 11.40	Commercial development: oral cancer diagnostics	Chamindie Punyadeera
11.40 - 11.55	Surgeons as consumers and creators of technology: challenges of implementation	Payal Mukherjee
11.55 - 12.10	Benchtop to Bedside: rhinology therapeutics	Ben Bleier
12.10 - 12.30	Discussion	All
12.30 - 13.30	Lunch	
Rhinology & Non-Conventional Therapies (Chair: Rob Black)		
13.30 - 13.45	Extra sinonasal surgical challenges	Prepageran Naryanan
13.45 - 14.00	Endoscopic intraorbital surgery	Ben Bleier
14.00 - 14.15	The approaching antibiotic crisis - what lies ahead?	Sarah Vreugde
14.15 - 14.30	Bacteria as a treatment for rhinosinusitis	Anders Cervin
14.30 - 14.45	Non-conventional topical therapies & alternatives at the end of the antibiotic era	Mian Ooi
14.45 - 15.00	Antimicrobial exosome swarms and airway immunity	Ben Bleier
15.00 - 15.15	The use of probiotics in treating the indigenous population	Andrea Coleman
15.15 - 15.30	Discussion - Led by Richard Douglas	All
15.30 - 16.00	Afternoon Tea	
Closing Session		
16.00 - 16.30	Training our Otolaryngologists: achievements, deficiencies & strategies	Ray Sacks
16.30 - 16.45	Discussion	
16.45	Close of Conference	Bill Coman

Venue

Pullman Cairns International

The Pullman Cairns International offers you a perfect combination of comfort and convenience located in the heart of the city. With its close proximity to the fleet terminal, the hotel is perfectly located to explore the city's attractions whilst being only 8km from the airport. This unique 5-star hotel in Cairns city reflects the ambience and spirit of Far North Queensland and exudes the architectural style and grandeur of the city centre's rich colonial past.



Social Events

Thursday 31 August 2018

18.00 – 21.30 **Welcome Reception** Daintree Pooldeck
 Meet at the Daintree Pooldeck, located on level 3 of the hotel.
 Dress code is smart casual. Drinks and food stations included.

Friday 31 September 2018

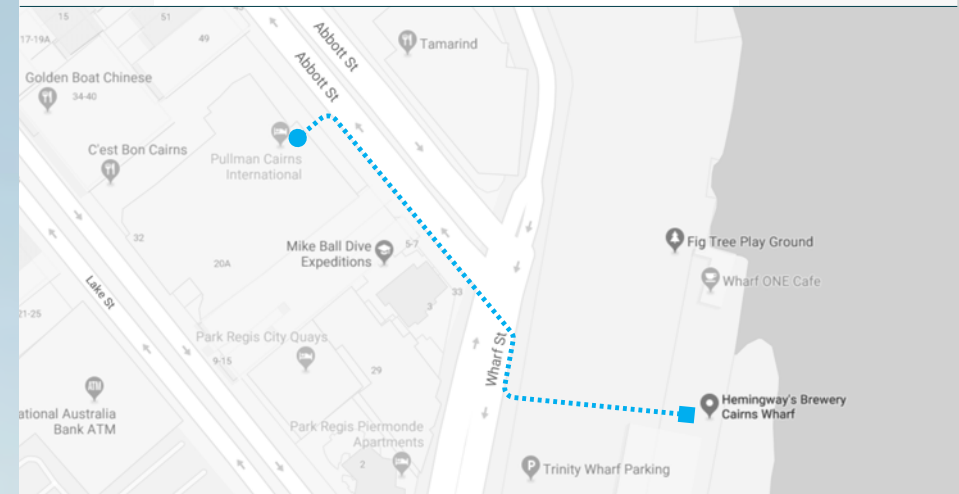
17.15 – 19.00 **Poster Presentations and Competition** Hotel Conference Foyer
 Located on level 1 conference foyer of the hotel.
 Dress code is corporate casual. Canapes and drinks provided.

Saturday 1 September 2018

19.00 – 22.30 **Conference Dinner** Hemingways Brewery
 Pullman Hotel guests to meet in the hotel lobby at 18.45. Those making their own way to Hemingways to meet at Hemingways at 19.00.
 Dress code is cocktail attire. Drinks and three course meal provided.
 Address for Hemingways is Cnr Wharf and Lake Streets, Cairns.

Conference Dinner Speaker

Dr Kellee Slater will speak on 'The Fantastic Adventures of a Liver Transplant Surgeon'



Contacts

For any questions regarding Frontiers 2018, please feel free to contact our Conference Secretariat:



Frontiers 2018 Conference Secretariat

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