



6th AACCP International Symposium Sleep and Pain from Research to Reality

AACP Australian Chapter - 6th International Symposium
Sydney, Friday March 17th – Sunday March 19th 2017
at The Sydney Harbour Marriott Hotel

AACP Australian Chapter March 17th - 19th, 2017 Sydney

REGISTRATION DETAILS

REGISTER ONLINE at www.aacfp.com.au

FULL REGISTRATION INCLUDES:

3 Days registration includes entry to all sessions on the day that you are registered for. Morning tea, afternoon tea and lunch each day. Conference bag plus access to the event App. Welcome Cocktail Evening on Friday 17th March 2017.

FOR CONTINUING PROFESSIONAL DEVELOPMENT THE CPD POINTS ARE:

CPD for 3 days
Anticipated 20 hours

| | |
|--------------------------|---|
| AACP MEMBER REGISTRATION | \$2310 INCL GST |
| NON MEMBER EARLY BIRD 1 | \$2495 INCL GST ENDS DEC 15TH 2016 |
| NON MEMBER EARLY BIRD 2 | \$2595 INCL GST DEC 16TH TO FEB 10TH 2017 |
| NON MEMBER | \$2695 INCL GST FEB 11TH 2017 ONWARDS |
| PHYSICAL THERAPISTS | \$1320 INCL GST (LIMITED TO 10 SPACES) |

CANCELLATION POLICY

AACP Australian Chapter reserves the right to cancel any portion of the conference if needed. Should you need to cancel the AACCP must be notified by March 1st 2017. All cancellations must be received in writing. In this case \$150 will be deducted from your refund. Cancellations after this date will be subject to a 50% fee per attendee.

VENUE

The Symposium will be held at **THE SYDNEY HARBOUR MARRIOTT HOTEL** 30 Pitt St Sydney, NSW 2000.

The Hotel is offering special accommodation rates to delegates. To secure these rates please visit our website www.aacfp.com.au and book using the customised hotel link. Please note hotel rooms are limited. AACCP Australia cannot guarantee accommodation.

contact us

 www.facebook.com/AACPAustralianChapter
conference@aacfp.com.au
www.aacfp.com.au



Sleep and Pain from Research to Reality

IN 2009 THE AUSTRALIAN CHAPTER OF AACCP HELD ITS 1ST EVER SYMPOSIUM. THE TITLE WAS SLEEP AND PAIN. IN 2017 WE ARE READY TO REVISIT THE TOPIC. WE WILL COVER NOT ONLY DEVELOPMENTS THAT HAVE OCCURRED SINCE OUR 1ST SYMPOSIUM, BUT WE WILL LOOK TO THE FUTURE BY BRINGING YOU SOME OF THE WORLDS LEADING RESEARCHERS AND CLINICIANS TO DISCUSS WHERE THEY THINK THEIR RESEARCH AND THE FIELD IS TAKING US IN THE FUTURE. HERE IS A TASTE OF WHAT WE HAVE IN STORE FOR YOU IN 2017.

DAVID GOZAL

- Sleep and Cancer
- Sleep and the microbiome

GILLES LAVIGNE

- An overview of Sleep and Pain
- Sleep and pain in traumatic brain injury patients
- Sleep Bruxism

GLENN KING

- Venomous animals and analgesics

LEILA KHEIRANDISH-GOZAL

- Sleep and plasma exosomes.
- OSA and paediatric obesity and Metabolic dysfunction

CHRIS PECK

- Brain changes in pain.

PETER SVENSSON

- Cortical plasticity and orofacial pain and rehabilitation
- One man's headache-another man's TMD pain?

TASHA STANTON

- The role of the brain in pain.

GREG NEELY

- How animal studies inform human sleep and pain.

PETER CISTULLI

- OSA Phenotypes and Treatment response

MARK HUTCHINSON

- The Toll of knowing your are sick – the new world of neuroimmunology
- The Toll of knowing you are sick – implications for pain and how we treat it

DELWYN BARTLETT

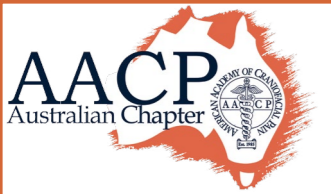
- The bidirectional relationship between pain and sleep quality.

STEPHAN SCHUG

- Chronic pain, sleep and medications: complex interactions unraveled.
- Advances in the pharmacology of chronic pain.

BRETT GRAHAM

- Animal Studies in spinal signalling, arousal and sleep in pain conditions.



Sleep and Pain from Research to Reality



Meet our Speakers

GREG NEELY

Greg is the Head of Functional Genomics, Neuroscience Division at the Garvan Institute of Medical Research, and a NHMRC CDF Fellow, and Associate Professor at the University of Sydney. At the Garvan Institute Greg employs a functional genomics approach, complemented with bioinformatics analysis, to find and characterize novel conserved genes participating in human diseases, especially chronic pain perception. He has initiated similar projects targeting lifespan extension, or preventing neurological diseases that increase with age including age-related dementia, Alzheimer's disease, Parkinson's disease and ALS. His work has helped to identify and validate novel human disease genes and discover new potential therapies. Greg is 1 of 7 board of governors for the pain genetics SAG of the International Association for the Study of Pain, and acts as an external reviewer for multiple journals and granting agencies, and is an invited member of the Australian federal NHMRC assigners academy and the CIHR panel on High Fatality Cancers.

GILLES LAVIGNE

Gilles received a Doctor honoris causa from the University of Zurich, Switzerland. He holds a Canada Research Chair in Pain, Sleep & Trauma. Gilles was Dean of the Faculty of Dental Medicine at the Université de Montréal, Canada (2008-2016). He was President of the Canadian Sleep Society and President of the Canadian Pain Society (2014-2016). He is co-founder and past Director of the three research networks for Oral Health, Pain and Placebo Mechanisms under the Fonds de la Recherche en Santé du Québec and the Canadian Institutes of Health Research (CIHR).

He is internationally recognized for his experimental and clinical research projects on sleep bruxism and the interactions between sleep, pain, and breathing disorders. He is a Researcher at the Pain and Sleep Laboratory, Trauma axis, Surgery department, Hôpital du Sacré-Cœur de Montréal. Current studies include 1) the role of sleep in placebo analgesia and pain relief expectations in emergency medicine, 2) the influence of opioids on sleep airway function and addiction, and 3) sleep and pain interactions in traumatic brain injury patients.

DAVID GOZAL

Dr. Gozal is the Herbert T. Abelson Professor and Pritzker Scholar at the University of Chicago. He received his M.D. from the Hebrew University of Jerusalem, his pediatric residency at the Haifa Medical Center in Israel, and spent 2 years in Cameroon, West Africa, developing rural healthcare networks, for which he received the "Knight of the Order of Merit". He completed his pediatric pulmonology and sleep medicine training at Children's Hospital Los Angeles in 1993. Dr Gozal's research interests emphasize bench to bedside approaches to pediatric sleep disorders, encompassing a wide range of interests, such as gene and cellular regulation in hypoxia and sleep disruption, murine models of sleep disorders, and genomic and proteomic approaches to clinical and epidemiological aspects of sleep in children. David is the President of the American Thoracic Society, was awarded the William C. Dement Academic Achievement Award by the American Academy of Sleep Medicine in 2013 and the 2016 Lifetime Achievement Award of the National Sleep Foundation.

STEPHAN SCHUG

Stephan Schug is Professor and Chair of Anaesthesiology in the Department of Pharmacology, Pharmacy and Anaesthesiology of the University of Western Australia, and Director of Pain Medicine at Royal Perth Hospital. His principal research interests include the management of acute and chronic pain, cancer pain, regional anaesthesia, the pharmacology of local anaesthetics and analgesics and quality improvement in health care. Professor Schug studied medicine and clinical

pharmacology at the University of Cologne, Germany, and subsequently specialised in anaesthesia and pain medicine. Professor Schug is an active member of several pain and anaesthesia societies including Vice-Chair of the SIG Acute Pain of IASP and Chair of the SIG Acute Pain of ACE, is a Fellow of the Australian and New Zealand College of Anaesthetists (ANZCA) and its Faculty of Pain Medicine (FPMANZCA).

LEILA KHEIRANDISH-GOZAL

Leila is the Professor Director of Clinical Sleep Research Section of Pediatric Sleep Medicine Department of Pediatrics, The University of Chicago. She has a Bachelors Degree in Arabic Literature with Honors, from the Foreign Language Institute, Damascus, Syria, and attended Medical School at the University of Damascus, Syria, where she was awarded Doctor of Medicine. She holds a Master of Science in Epidemiology and Clinical Investigation Sciences, from the School of Public Health, the University of Louisville, KY, and Professional Certification in Translational Medicine from the European Society for Translational Medicine.

PETER CISTULLI

Peter Cistulli is the ResMed Chair in Sleep Medicine at the University of Sydney. He is an active clinician researcher with 25 years experience in respiratory and sleep medicine and is head of the Centre for Sleep Health & Research in the Department of Respiratory and Sleep Medicine at Royal North Shore Hospital. His research has focussed on the pathophysiology of Obstructive Sleep Apnea and novel therapeutic approaches. This work has been predominantly funded by the NHMRC of Australia. He is a former President of the Australasian Sleep Association. He currently serves on the board of directors of the Sleep Health Foundation (Australia), whose mission is to raise community and government awareness of the negative impact of untreated sleep disorders and poor sleep practices on health, safety, productivity and quality of life.

DELWYN BARTLETT

Associate Professor Delwyn Bartlett is a Health Psychologist and Coordinator of the Medical Psychology, Sleep and Circadian Group at the Woolcock Institute of Medical Research. She graduated in Psychology from Macquarie University and completed her PhD in neurobehavioural and neurobiological effects of sleep apnea at the University of Sydney. Delwyn has a strong interest in behavioural management of insomnia and adherence to CPAP use and currently is part of a Health Coaching intervention. She is currently involved in research exploring the role of a sleep intervention to reduce the risk of post-natal depression, and a cognitive behavioural therapy intervention to improve sleep in older adults who are mildly cognitively impaired.

TASHA STANTON

Dr Tasha Stanton is a Senior Research Fellow at The University of South Australia, Adelaide and Neuroscience Research Australia, Sydney. Dr Stanton currently holds an NHRMC Early Career Fellowship (2014-2018). She has received >\$1.7m in competitive research funding and has been a keynote/invited speaker at 20 national and international conferences. Her research focusses on clinical pain neuroscience, with a specific interest in cortical body representation, somatosensation, multi-modal illusions, and pain.

MARK HUTCHINSON

Professor Hutchinson is an ARC Australian Research Fellow and Director of the ARC Centre of Excellence for Nanoscale BioPhotonics (CNBP) and Professor within the School of Medicine at the University of Adelaide. Mark's research has implicated the brain immune-like cells in the action of drugs of dependence and the negative side effects of pain treatments. Mark has

published over 100 papers in journals and refereed conference proceedings. He is now Director of the CNBP which is an ARC Centre of Excellence headquartered at The University of Adelaide, with nodes at Macquarie University, Sydney and the RMIT, Melbourne, partnered with universities and companies in Europe, the US and China, as well as other Australian institutions.

GLENN KING

Glenn did his PhD at the University of Sydney before postdoctoral studies at the University of Oxford. After academic stints at the University of Sydney and the University of Connecticut Health Centre, he joined the Institute for Molecular Bioscience at The University of Queensland in 2007, where he is currently a NHMRC Principal Research Fellow. The focus of Glenn's research is venoms-based drug discovery, in particular the development of novel analgesics based on venom peptides that modulate the activity of either ligand- or voltage-gated ion channels in sensory neurons. Recent awards include the Sir Bob Robertson Award from the Australian Society for Biophysics (2013), the Beckman Coulter Discovery Science Award from the Australian Society for Biochemistry & Molecular Biology (2013), and the ANZMAG Medal from the Australian & New Zealand Society for Magnetic Resonance (2015).

CHRIS PECK

Professor Chris Peck is Dean of the Faculty of Dentistry, the University of Sydney and President of the Australian and New Zealand Academy of Orofacial Pain. Professor Peck manages complex orofacial pain and disorder patients and conducts research on biomechanical aspects of jaw function, evidence-based diagnosis and management of orofacial pain, and biopsychosocial contributors to pain perception and jaw dysfunction. He is a senior facial pain expert in the NSW public health care system at the Royal North Shore Hospital's Pain Management Research Institute, involved in patient care, clinical supervision and research. Professor Peck is President-elect of the International Research Diagnostic Criteria for Temporomandibular Disorders Consortium Network, which develops reliable and valid diagnostic criteria for facial pain complaints.

PETER SVENSSON

Peter Svensson, graduated from the School of Dentistry, 1987 (DDS), his Ph.D. degree in 1993 and Doctor of Odontology in 2000 at University of Aarhus. He was knighted by Queen Ridder af Dannebrog in 2011 and appointed guest Professor Department of Dental Medicine, Karolinska Institute (2014-2017). In 2014 he was presented the prestigious Bagger-Soerensen Senior Research Prize and the IADR Neuroscience Senior Investigator Research Award 2015. Peter's research has focused on orofacial pain mechanisms, trigeminal physiology, brain imaging and temporomandibular disorders. He is editor in-chief of the Journal of Oral Rehabilitation and Past-president of the Special Interest Group on Orofacial Pain, International Association for the Study of Pain (IASP) (2008-2010), President of the International Consortium of Research Diagnostic Criteria for Temporomandibular Disorders (RDC/TMD), and the International Association for Dental Research (IADR) (2010-2012). Peter is also a member of the IASP classification task force (2014-2018).

BRETT GRAHAM

Brett Graham graduated from the University of Newcastle with a Bachelor of Biomedical Sciences, and completed his PhD in 2006, and after a short postdoctoral period started his research laboratory, now the Spinal Cord Connections Group, in 2008. The primary theme of his research is spinal sensory coding, a topic he has been focused on since completing Honours year studying inhibitory synaptic transmission between spinal dorsal horn neurons in 2001.

AACP Australian Chapter

Sleep and Pain from Research to Reality

Program for the AACFP 6th International Symposium, Sydney. Sleep and Pain, from Research to Reality. March 17th-19th 2017

REGISTRATION

7.45am-8.15am Registration: Main Lobby, Level 2

FRIDAY MARCH 17TH 8.15AM-5.30PM
MAIN AUDITORIUM

8.15-8.30am Presidents Welcome
ANDREW LEE

8.30-9.30am An overview of orofacial pain and sleep interactions
GILLES LAVIGNE

9.30-10.30am Brain Changes in Pain
CHRIS PECK

10.30-11.00 am Morning Tea

11.00-12noon Looking beyond the periphery: The role of the brain in pain
TASHA STANTON

12.00-1.00pm Relevance of cortical plasticity for orofacial pain and oral rehabilitation
PETER SVENSSON

1.00-2.00 pm Lunch

2.00- 3.00pm The Toll of knowing your are sick – the new world of neuroimmunology
MARK HUTCHINSON

3.00-3.30pm Afternoon Tea

3.30- 4.30pm Sleep and pain in traumatic brain injury patients
GILLES LAVIGNE

4.30- 5.30pm One mans headache – another man's TMD pain?
PETER SVENSSON

5.30-7.30pm EVENING WELCOME EVENT:
Evening welcome drinks

SATURDAY MARCH 18TH 8.30AM-5.30PM
MAIN AUDITORIUM

8.30-9.30am Sleep apnea and Cancer: Illicit Partnerships
DAVID GOZAL

9.30-10.30am Thinking outside the box: could venomous animals provide the next generation of analgesics?
GLENN KING

10.30-11.00 am Morning Tea

11.00-12noon OSA Phenotypes and Treatment response
PETER CISTULLI

12.00-1.00pm Plasma exosomes and cognitive dysfunction in children with OSA
LEILA KHEIRANDISH-GOZAL

1.00-2.00pm Lunch

2.00-3.00 The Bidirectional Relationship Between Pain and Sleep Quality
DELWYN BARTLETT

3.00-3.30pm Afternoon Tea

3.30- 4.30pm. Chronic Pain, Sleep and Medications, Complex Interactions Unravelled
STEPHAN SCHUG

4.30-5.30pm The Toll of knowing you are sick – implications for pain and how we treat it
MARK HUTCHINSON

5.00-5.30pm Conference Close
ANDREW LEE

SUNDAY MARCH 19TH 8.00AM-5.30PM
MAIN AUDITORIUM

8.00-9.00am Sleep Apnea and the Microbiome: More Than Just a Gut Feeling
DAVID GOZAL

9.00-10.00am Advances in the Pharmacology of Chronic Pain
STEPHAN SCHUG

10.00- 10.30 am Morning Tea

10.30-11.30 Using animal genetic studies to further our understanding of human pain and sleep issues
GREG NEELY

11.30-12.30pm An updated approach to TMD diagnosis and orofacial pain classification
PETER SVENSSON

12.30- 1.30 pm Lunch

1.30-2.30pm. Using transgenic mice for a circuit-based analysis of spinal signalling, arousal and sleep in pain conditions
BRETT GRAHAM

2.30- 3.00pm Afternoon Tea

3.00-4.00pm Pediatric Obesity, OSA, and Metabolic Dysfunction: A Complicated Menage a Trois
LEILA KHEIRANDISH-GOZAL

4.00-5.00pm Sleep bruxism: differential diagnosis, aetiology and therapies
GILLES LAVIGNE

5.00-5.30pm Conference Close
ANDREW LEE

AACP Australia appreciates the support of cutting edge Industry Sponsors.

PROmotion DENTAL
ORTHODONTIC LABORATORY



HOME SLEEP
STUDIES AUSTRALIA

