

PAUL LICINA

DEGREES

FRACS (Orth) - Fellowship of the Royal Australian College of Surgeons (Orthopaedic Surgery) (January 1997)

M.B.,B.S (Hons) - Bachelor of Medicine and Bachelor of Surgery with 2nd Class Honours (University of Qld 1987)

FELLOWSHIP

Fellow in Spinal Surgery (May 1997 – April 1998), Centre for Spinal Surgery, Queens Medical Centre, Nottingham England

CURRENT APPOINTMENT

Director, Brisbane Private Hospital Spine Research Group, Brisbane Private Hospital
Spinal Surgeon, SpinePlus, Brisbane Private Hospital (250-300 spine surgeries / year)

ACADEMIC POSITIONS

Adjunct Professor, Orthopaedic Research, Queensland University of Technology,
Senior Lecturer, School of Health, Medicine, and Rehabilitation Sciences, The University of Queensland

PAST POSITIONS

Chairman, AO Spine Asia-Pacific 2000-2002

Clinical director, QUT-AO Spine Centre, Brisbane, Australia 2001-2004

Scientific secretary, AOA Queensland Branch 2002 - 2005

President, AO Registrars Association 2005

MEMBERSHIPS

Australian Orthopaedic Association (Fellow)

Spine Society of Australia (Fellow)

ISSLS - International Society for the Study of the Lumbar Spine (Fellow)

Australian Medical Association (Specialist Member)

PUBLICATIONS

Papers Published

"Restorative neurostimulation decreases ultrasound-estimated intramuscular connective tissue proportion in the lumbar multifidus muscle", Beaumont P, Miranda PP, **Licina P**, Nowitzke A, Hodges P. European Spine Journal (Accepted, in press)

"Restorative neurostimulation of the lumbar multifidus muscles improves mobility, strength, pain, and disability in patients with mechanical chronic low back pain", Nowitzke A, Beaumont P, Dal Bon C, Hodges P, Licina P. European Spine Journal, 2026: 1-14

"Comparison of silicate-substituted calcium phosphate (Actifuse) with recombinant human bone morphogenetic protein-2 (Infuse) in posterolateral instrumented lumbar fusion", **Licina P**, Coughlan M, Johnston E, Percy M. Global Spine Journal, 2015; 5:471-8

"Patient expectation, outcomes and satisfaction: related, relevant or redundant?" **Licina P**, Johnston M, Ewing L, Pearcy M. Evidence Based Spine Care Journal, 2012; 3 (4): 13-9

"Use of the iPhone for Cobb angle measurement in scoliosis", Shaw M, Adam C, Izatt M, **Licina P**, Askin G, European Spine Journal, 2012; 21: 1062-1068

"Autologous olfactory ensheathing cell transplantation in human paraplegia: a 3-year clinical trial" , Mackay-Sim A, Feron F, Cochrane J, Bassingthwaight C, Davies W, Fronck P, Gray C, Kerr G, **Licina P**, Nowitzke A, Perry C, Silburn PA, Urquhart S, Geraghty T. Brain, 2008; 131 (Pt 9): 2376-86.

"Autologous olfactory ensheathing cell transplantation in human spinal cord injury", Feron F, Perry C, Cochrane J, **Licina P**, Nowitzke A, Urquhart S, Geraghty T, Mackay-Sim A, Brain. 2005 Dec;128(Pt 12):2951-60

"Approach and considerations regarding the patient with spinal injury" **Licina P**, Nowitzke A, Injury, 2005, Jul; 36 (Suppl 2)

"Posterior lumbar interbody fusion combined with instrumented posterolateral fusion – 10 year results in 60 patients", Freeman BJ, **Licina P**, Mehdiian SH, European Spine Journal, 2000, Feb; 9(1):42-6

"Cervical osteotomy for ankylosing spondylitis: an innovative variation on an existing technique", Mehdiian SM, Freeman BJ, **Licina P**, European Spine Journal, 1999;8(6):505-9

"The Orthopaedic Workforce in Queensland - Now and into the 21st Century", **Paul Licina** and Terence P McGuire, Australian and New Zealand Journal of Surgery, 1993, 63, 435-442

Invited papers

Surgery for Back Pain, How to Treat, Australian Doctor, 12th May 2006

Conference Presentations

"Restorative neurostimulation of the lumbar multifidus muscles improves mobility, strength, pain and disability in patients with chronic mechanical low back pain". Nowitzke A; Beaumont P; Dal Bon C; Hodges P; **Licina P**. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2026, Cape Town.

"Assessing the change in multifidus muscle stiffness following restorative neurostimulation for chronic low back pain". Beaumont P; Pincheira Miranda P; **Licina P**; Nowitzke A; Hodges P. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2026.

"SBF50: A functional testing protocol that assesses the outcome of lumbar fusion surgery". **Licina P**; Beaumont P; Dal Bon C; Lehmann C; Meehan X. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2026, Cape Town.

"Restorative neurostimulation of the lumbar multifidus muscles improves mobility, strength, pain and disability in patients with chronic mechanical low back pain". Nowitzke A; Beaumont P; Dal Bon C; Hodges P; **Licina P**. Spine Society of Australia's Annual Scientific Meeting, April 2026, Brisbane.

"SBF50: A functional testing protocol that assesses the outcome of lumbar fusion surgery". **Licina P**; Beaumont P; Dal Bon C; Lehmann C; Meehan X. Spine Society of Australia's Annual Scientific Meeting, April 2026, Brisbane.

"Assessing the long-term adaptations in the mechanical and structural properties of the multifidus muscle morphology following 3-years of restorative neurostimulation therapy for chronic low back pain". Beaumont P; Pincheira Miranda P; **Licina P**; Hodges P. Spine Society of Australia's Annual Scientific Meeting, April 2026, Brisbane.

"Restorative neurostimulation improves function and strength in addition to pain, disability, and quality-of-life in patients with persistent mechanical low back pain". Nowitzke A; Beaumont P; Hodges P; **Licina P**. North American Neuromodulation Society Annual Scientific Meeting, January 2026, Las Vegas.

"Engagement with preoperative education materials is associated with improved postoperative satisfaction". Beaumont P; Bethune S; **Licina P**. Canada, Australia & New Zealand Combined Spine Society Meeting, October 2025, Hamilton Island.

"PROMs, functional testing, or wearables; is there an optimal way to assess outcome after spine fusion surgery?". **Licina P**; Beaumont P; Meehan X; Blackman M. Canada, Australia & New Zealand Combined Spine Society Meeting, October 2025, Hamilton Island.

"Stiffness of the lumbar multifidus muscle following restorative neurostimulation for chronic back pain". Beaumont P; Pincheira Miranda P; **Licina P**; Nowitzke A; Hodges P. Neuromodulation Society of Australia and New Zealand's Annual Scientific Meeting, August 2025, Sydney.

"Are PROMs enough? Using functional tests to assess the outcome of spinal fusion surgery". Beaumont P; Meehan X; Blackman M; **Licina P**. Global Spine Congress, May 2025, Rio de Janeiro.

"Restorative neurostimulation selectively decreased intra-muscular connective tissue within the lumbar multifidus in patients with persistent mechanical low back pain". Beaumont P; Pincheira Miranda P; **Licina P**; Hodges P. Spine Society of Australia Annual Scientific Meeting, April 2025, Perth.

"Preliminary analysis of the first prospective observation study of ReActiv8 for persistent mechanical low back pain in spinal surgery practice". Nowitzke A; Beaumont P; Blackman M; Hodges P; **Licina P**. Spine Society of Australia Annual Scientific Meeting, April 2025, Perth.

"A preliminary analysis of the effectiveness of restorative neurostimulation for persistent mechanical low back pain". Nowitzke A; **Licina P**; Beaumont P; Blackman M; Hodges P. North American Neuromodulations Annual Scientific Meeting, February 2025, Orlando.

"Using data to inform patients undergoing lumbar discectomy". Rochford M; Beaumont P; **Licina P**. Australian Orthopaedic Association Annual Scientific Meeting, October 2024, Brisbane.

"Using machine learning to predict the likelihood of success after lumbar fusion". **Licina P**; Namvar M; Beaumont P. Australian Orthopaedic Association Queensland Branch Annual Scientific Meeting, August 2024, Noosa.

"Using machine learning to predict the likelihood of success after lumbar fusion". **Licina P**; Namvar M; Beaumont P. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2024, Milan.

"Assessing the efficacy of cold compression on acute post-operative pain following lumbar fusion surgery". **Licina P**; Rochford M; Strazzeri D; Beaumont P. Spine Society of Australia Annual Scientific Meeting, April 2024, Sydney.

"Using machine learning to predict the likelihood of success after lumbar fusion". **Licina P**; Namvar M; Beaumont P. Spine Society of Australia Annual Scientific Meeting, April 2024, Sydney.

"The 5-year outcomes of spinal fusions". Beaumont P; **Licina P**. The Australian Orthopaedic Association's Annual Scientific Meeting, November 2023, Melbourne.

"Lumbar microdiscectomy – a review of 500 cases". Rochford M; **Licina P**. AOA Queensland Registrar Papers Day & QORF Collaborative Musculoskeletal Research Meeting, June 2023, Brisbane.

"Using big data to assess the efficacy of spinal fusion". Beaumont P; **Licina P**. AOA Queensland Registrar Papers Day & QORF Collaborative Musculoskeletal Research Meeting, June 2023, Brisbane.

"Comparison of healing rates between rigid and semi-rigid bracing in adolescent lumbar pars bone stress injuries". **Licina P**; Young M; Beaumont P. AO Spine Global Spine Congress, June 2023, Prague.

"Comparison of healing rates between rigid and semi-rigid bracing in adolescent lumbar pars bone stress injuries". **Licina P**; Young M; McMeniman M; Brucksch-Domanski T; Beaumont P. International Society for the study of the Lumbar Spine, SpineWeek, May 2023, Melbourne.

"Healing rates following rigid lumbo-sacral immobilization in athletic pars bone stress injury". Brucksch-Domanski T, Young M, Brady C, Lisle D, **Licina P**. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Short-term outcomes of biopsychosocial rehabilitation following spine surgery". Dal Bon C; **Licina P**; Goss B; Schuetz M; Holland J. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Comparing osteostimulative bone graft substitutes in interbody fusion – is there a difference?". **Licina P**; Johnston E; Lehmann C. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Pre-operative anxiety predicts acute post-operative disability in a private, multidisciplinary spine surgery practice". Dal Bon C; Holland J; Licina P. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Radiological characteristics of posterior lumbar interbody fusion with silicate-substituted calcium phosphate bone graft (Actifuse) using traditional pedicle screw and cortical bone trajectory techniques". **Licina P**; Lehmann C. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Does compliance to semi-rigid bracing influence healing rates in pars bone stress injuries? A methodology abstract". **Licina P**; Dal Bon C; Lehmann C. Spine Society of Australia Annual Scientific Meeting, May 2022, Darwin.

"Radiological characteristics of posterior lumbar interbody fusion with silicate-substituted calcium phosphate bone graft (Actifuse®) using traditional pedicle screw and cortical bone trajectory techniques". **Licina P**, Johnston E; Lehmann C. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2022, Boston.

"Short-term outcomes of biopsychosocial rehabilitation following spine surgery". Dal Bon C; **Licina P**; Goss B; Schuetz M; Holland J. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2022, Boston.

"Healing rates following rigid lumbo-sacral immobilisation in athletic adolescent pars bone stress injury". Brucksch-Domanski T; Young M; Brady C; Lisle D; **Licina P**. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2022, Boston.

"Comparing osteostimulative bone graft substitutes in interbody fusion – is there a difference?". **Licina P**, Johnston E, Lehmann C. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, May 2022, Boston.

"Experience with S53P4 in TLIF procedures in comparison with other bone graft substitutes" **Licina P**. EuroSpine, October 2019, Helsinki.

"The integrated spine practice - the way forward" **Licina P**. Spine Expert Network for Science and Education (SENSE), October 2018, Budapest.

"Management Protocol for Pars Interarticularis Pathology in Children and Adolescents". Johnston E; Lisle D; **Licina P**; Young M; Brady C. Australian Orthopaedic Association Annual Scientific Meeting, Perth, October 2018.

"Lumbar disc surgery and annular closure" **Licina P**, Johnston E. AOA Annual Scientific Meeting, May 2017, Noosa.

"Fitness to drive after lumbar discectomy – a pilot study using an advanced driving simulator" **Licina P**, Johnston E. Spine Society of Australia Annual Scientific Meeting, April 2017, Hobart.

"Introduction of the Barricaid annular closure device – caution with new technology" **Licina P**, Johnston E. SpineWeek, May 2016, Singapore.

"Early clinical results of cortical versus traditional open pedicle screw techniques in posterior lumbar interbody fusion" **Licina P**. and Johnston E. Spine Society of Australia Annual Scientific Meeting, April 2016, Brisbane.

"Factors influencing the need for revision lumbar discectomy – how important is annular defect size?" **Licina P**. and Johnston E. Spine Society of Australia Annual Scientific Meeting, April 2016, Brisbane.

"Spine surgery – what is it good for?" **Licina P**. AOA Annual Scientific Meeting, October 2015, Brisbane.

"Accelerated patient guided return to activity after lumbar discectomy is safe" **Licina P.** and Johnston E. AOA Annual Scientific Meeting, October 2015, Brisbane.

"Early experience with the Barricaid: the first ten cases" **Licina P.** Spine Society of Australia Annual Scientific Meeting, April 2015, Canberra.

"The evidence can confuse – the case of Infuse" **Licina P.** AOA Annual Scientific Meeting, October 2014, Melbourne.

"Surgery vs image guided treatment" **Licina P.** Australian Musculoskeletal Imaging Group Annual Scientific Meeting, May 2014, Brisbane.

"Actifuse is comparable to Infuse in achieving fusion" **Licina P.** Spine Society of Australia Annual Scientific Meeting, April 2013, Perth.

"Back pain – strategies, advice and best clinical practice" **Licina P.** Aim of Pain. March 2013, Brisbane.

"Selection issues in lumbar spinal fusion" **Licina P.** Faculty of Pain Medicine Spring Meeting September 2012, Noosa.

"Spine", **Licina P.** Journal of Bone & Joint Surgery – British Volume, May 2012; 94-B (Suppl 23: 9)

"Patient expectations, outcomes and satisfaction: Related, relevant or redundant?" **Licina P.**, Ewing L and M Percy. Winner of Alastair Robson Award for Best Clinical Paper Spine Society of Australia Annual Scientific Meeting, April 2011, Melbourne.

"What's new in the diagnosis of back pain?" **Licina, P.** AOA Continuing Orthopaedic Education, April 2011, Melbourne.

"ALIF is effective for LBP" **Licina P.**, Ewing L, Lisle D and M Percy. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, June 2011, Gothenburg Sweden.

"Spine surgery – past, present and future" **Licina P.** AOA Annual Scientific Meeting, October 2009, Cairns.

"Early complications associated with BMP in lumbar interbody fusions" **Licina P.** Spine Society of Australia, September 2008, Adelaide.

"BMP does not improve clinical outcome in Interbody fusions", **Licina P.**, Lisle D, Sutton C. Spine Society of Australia, Annual Scientific Meeting April 2009, Brisbane. Paper no 10.05.

"I-Cobb – an innovative technique in spinal radiographic measurement" Shaw M, Izatt M, Adam C, **Licina P.** and Askin G. Spine Society of Australia, Annual Scientific Meeting April 2009, Brisbane. Paper no 2.05.

"Early complications associated with BMP in TLIF", **Licina P.**, Lisle D, Sutton C. Spine Society of Australia, Annual Scientific Meeting April 2008, Adelaide.

"Artificial disc replacement and osteolysis" **Licina P.**, Thorpe P. Spine Society of Australia Annual Scientific Meeting, April 2006, Sydney.

"Radiological follow up of patients after anterior cervical fusion with conventional and polyaxial locking plates" Aebli N, Krebs J, Goss B, **Licina P**. Spine Society of Australia, April 2005, Auckland.

"Charcot's arthroplasty of the spine: a late complication of spinal instrumentation" **Licina P**. Spine Society of Australia, April 2005, Auckland.

"Transplantation of autologous olfactory ensheathing cells in spinal cord injury: surgery and twelve month safety data of phase one human clinical trial" Nowitzke A, **Licina P**, Cochrane J, Feron F, Geraghty T, Mackay-Sim A, Perry C, Urquhart S. The South African Spine Society, September 2005, South Africa.

"Return to sport following cervical spine injury" Harvey JR, **Licina P**. Spine Society of Australia, April 2004, Sunshine Coast.

"Radiological results and functional improvement in patients undergoing anterior lumbar interbody fusion" Thorpe PJ, Williams RP, **Licina P**. Spine Society of Australia, April 2004, Sunshine Coast.

"Osteolysis and complications associated with artificial disc replacement" **Licina P**, Thorpe PJ. Spine Society of Australia, April 2004, Sunshine Coast.

Invited Speaker

"Restorative Knowledge Forum Australia II – Scientific Session". Mainstay Medical, Sydney, July 2026

"The Great Debate: Artificial Intelligence – the horse has bolted and we will regret it". The Australian Orthopaedic Association Queensland Branch Annual Scientific Meeting, August 2024, Brisbane.

"New Surgical Possibilities using Loop-X Mobile Robotic Imaging". Satellite Symposium: Brainlab, SpineWeek, May 2023, Melbourne.

"Adoption of Technology into Practice" and "The Case for Cortical Screw Trajectory" The 2nd Stryker L4-5 Disc Forum, May 2016, Melbourne.

"The Business of Medicine" Getting of Wisdom Session, Spine Society of Australia Annual Scientific Meeting, April 2016, Brisbane.

"Swallowing Difficulties related to the Cervical Spine" and "Men of Steel" Upover Downunder XIII International ENT Meeting, January 2016, Italy.

Synthes Cadaver Advanced Course, November 2009, Brisbane.

Korean Spine Society, February 2005

International Society for Fracture Repair Annual Scientific Meeting, September 2000, Hong Kong.

Continuing Medical Education Programme in Spinal Surgery, June 1999, China.

Book chapters

"Lumbar Spine Online Textbook Chapter 2: Recurrent Disc Herniation- Diagnosis and Management Section 18".

"Chapter 69. Posterior Cervical Osteotomy" **Paul Licina** and Geoffrey N Askin, in "Spine Surgery. Tricks of the Trade. 3rd edition". Alexander Vaccaro and Todd Albert, Thieme (2016)

"Strength measurement", **Paul Licina**, in "Measurements in Spine Care". Jens Chapman et al, Thieme (2012)

RESEARCH FUNDING

Active Projects

Investigator Initiated Study Proposal – Mainstay Medical

Oct 2025 – Oct 2026

"Investigating the long-term outcomes of ReActiv8 restorative neurostimulation for mechanical chronic low back pain"

Role: Principal Investigator

Status: Recruitment complete – data analysis

Industry Funding – BrainLab

Jan 2025 – Jul 2027

"Assessing the use of robotic methods for the development and implementation of a Hybrid TLIF surgery"

Role: Principal Investigator

Status: Recruiting

Industry Funding – Alphatec Spine

Jan 2025 – Jul 2027

"Assessing the true importance of restoring sagittal alignment in patients undergoing lumbar fusion surgery"

Role: Principal Investigator

Status: Recruiting

Completed Projects

Investigator Initiated Study Proposal – Mainstay Medical

Aug 2021 – Oct 2025

"Patient-reported and functional outcomes following ReActiv8 implantable neurostimulation"

Role: Principal Investigator

Status: Complete

Investigator Initiated Study Proposal – DePuy Synthes

Jan 2024 – Jul 2028

"Radiological and clinical efficacy of Fibergraft Bioactive Glass in patients undergoing instrumented posterolateral lumbar fusion surgery"

Role: Principal Investigator

Status: Terminated August 2024 by Industry Partner

Industry Funding – RE3 Ice Compression Packs

01/06/2023 – 31/01/2024

"Identifying non-pharmaceutical methods for reducing post-operative pain following spine surgery"

Role: Principal Investigator
Status: Complete

Investigator Initiated Study Proposal – DePuy Synthes

20/05/2020 – 31/01/2025

“Developing a reliable, easy to administer, functional capacity assessment protocol for patients who have undergone a lumbar fusion”

Role: Principal Investigator
Status: Complete

Internal Funding – Brisbane Private Hospital Research Fund

20/02/2017 – 01/03/2021

“Comparison of silicon-substituted hydroxyapatite (Actifuse) and bioactive glass (BonAlive) as bone graft materials for lumbar interbody fusion”

Role: Principal Investigator
Status: Complete

Internal Funding – Brisbane Private Hospital Research Fund

13/02/2015 – 13/02/2017

“Assessing fitness to drive after surgery”

Role: Principal Investigator
Status: Complete

Investigator Initiated Study Proposal – Global Orthopaedic Technology

09/03/2014 – 09/12/2018

“Outcomes of discectomy surgery - an investigation of predictive factors for outcome and recurrence & the safety and efficacy of the Barricaid annular closure device”

Role: Principal Investigator
Status: Complete

AWARDS AND RECOGNITION

2026 SSA; Clayton Adam Award; Best presentation by a junior researcher (Supervisor)

2026 SSA; Alastair Robson Award; Most Outstanding Contribution by a Clinician/s

2025 SSA; Annual Scientific Meeting; Top 10 Poster

2024 SSA; Annual Scientific Meeting; Top 10 Poster

2022 SSA; Clayton Adam Award; Best presentation by a junior researcher (Supervisor)

2011 SSA; Alastair Robson Award; Most Outstanding Contribution by a Clinician/s

PARTICIPATION IN TEACHING

Student Supervision - Current

Doctor of Philosophy

Institution: University of Queensland

Thesis title: Understanding the mechanisms of recovery from back pain

Supervisors: Prof Paul Hodges; Adj Prof Paul Licina; Dr Patricio Pincheira Miranda

Undergraduate Honours (Psychology)

Institution: University of the Sunshine Coast

Research topic: Emotional and behavioural responses following spinal imaging
Supervisors: Adj Prof Paul Licina, Dr Daniel van den Hoek, Prof Anthony Shakeshaft, Mr Patrick Beaumont

Undergraduate Information Technology Studies (Industry Capstone)
Institution: University of the Sunshine Coast
Research topic: Developing a telehealth alternative for the SBF50
Supervisors: Adj Prof Paul Licina, Dr Daniel van den Hoek, Prof Anthony Shakeshaft, Mr Patrick Beaumont

Student Supervision - Complete

2025 Doctor of Medicine (external project)
Institution: Griffith University
Research topic: The relationship between pre-operative preparedness and post-operative satisfaction in patients following spine surgery
Supervisors: Adj Prof Paul Licina

2025 Doctor of Philosophy
Institution: Queensland University of Technology
Thesis title: Combining behaviour change interventions and exercise after elective spine surgery
Supervisors: A/Prof Justin Holland; Adj Prof Paul Licina

2024 Master of Engineering Science
Institution: University of Queensland
Thesis title: Enhancing spinal surgery outcomes through predictive machine learning modelling
Supervisors: A/Prof Marcus Gallagher; Adj Prof Paul Licina

2024 Master of Engineering Science
Institution: University of Queensland
Thesis title: Applying machine learning for the assessment of patient data following spine surgery
Supervisors: A/Prof Marcus Gallagher; Adj Prof Paul Licina

2023 Doctor of Medicine (individual unit)
Institution: University of Queensland
Research topic: Assessing the efficacy of simultaneous cold compression on acute post-operative pain following lumbar fusion surgery
Supervisors: Adj Prof Paul Licina

2023 Undergraduate Honours (individual unit)
Institution: University of Queensland
Research topic: Identifying non-pharmaceutical methods for reducing acute post-operative pain following spine surgery: a narrative review
Supervisors: Adj Prof Paul Licina, Dr Bronwyn Clark, Mr Patrick Beaumont

Course Chairman, AO International Courses in Spine Surgery

5 courses over ~3 years (2000-2003)

Faculty Member, AO International Courses in Spine Surgery

25 courses over ~12 years (1997-2009)

Course Chairman

- 2009 Advances in Spine, Hunter Valley, Australia
- 2005 Advances in Spine, Port Douglas, Australia
- 2003 Backs to the Future Spine course, Brisbane, Australia

Faculty member

- 2006 Depuy Elevating Best Practice in Spine, Sydney, Australia
- 2005 Depuy Elevating Best Practice in Spine, Brisbane, Australia
- 2005 Stryker Complex Spine Symposium, Ayers Rock, Australia
- 2004 Stryker Complex Spine Symposium, Coolumb, Australia

Lecturer

- Physiotherapy undergraduate course
 - University of Queensland
 - Griffith University
- Post-graduate medicine clinical science course
 - University of Queensland
- Post-graduate surgical orthopaedic anatomy course
 - Queensland University of Technology
- Australian Orthopaedic Association Registrars' Training program
 - Royal Brisbane Hospital