POST FELLOWSHIP EDUCATION AND TRAINING POSITIONS

ACCREDITED POSITIONS – SPINAL SURGERY

The spinal surgery PFET program is a joint program administered in conjunction with the Australian Orthopaedic Association.

Austin Hospital, Melbourne

This position combines Neurosurgical and Orthopaedic spinal surgery in adults. Working closely with both Units, the candidate will experience extensive exposure to all aspects of spine surgery, including complex elective and trauma cases. Patients are referred to this State-wide service and acute cases are admitted directly. There is outpatient followup and opportunities for research and teaching.

Duration: 12 months full time
Renumeration: More than $50,000 and less than $75,000
Supervisor: Mr Gerald Quan, Orthopaedic Surgeon

John Hunter Hospital

The successful applicant will undergo clinical attachment to the neurosurgical and orthopaedic spinal surgery services. The John Hunter Hospital has a busy trauma service and exposure to a wide range or traumatic spinal disorders is offered. The fellow would participate in the surgical treatment of spinal disorders affecting children and adults. It is anticipated the fellow would develop familiarity with anterior and posterior approaches to the spinal column including techniques of operative fixation and deformity correction. The fellow would be expected to undertake clinical research in association with the spinal surgery service and its prospectively collected data base. The spinal surgery service runs a combined monthly meeting of surgeons, radiologists, allied health proffessionals and junior medical staff in which operative cases are audited and acitivity is presented.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Mr Richard Ferch, Neurosurgeon

Maquarie University Hospital and Nepean Private Hospital

A successful candidate will undergo a 12-24 month fellowship with exposure to all aspects of adult spine surgery. There is a particular emphasis on adult spinal deformity. The fellow will receive education and instruction in conventional open and minimally invasive correction techniques. Appointed fellows will complete a competence based course in the subspecialty of spinal surgery. The training techniques of the Australian School of Advanced Medicine at Macquarie Univeristy allows scholars to develop their technical skills with optimum efficiency while developing other surgical qualities including a commitment to lifelong learning, research, teaching, ethics and professionalism.

The fellow will be enrolled in the Masters of Advanced Surgery program through the Australian School of Advanced Medicine. This degree program will require the fellow to engage in evidence based research project in spinal surgery in addition to other elective courses of their choosing. Additionally, the fellow will participate in weekly academic meetings, monthly M&M's, and be expected to present in journal club and on evidence based searches.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Dr Kevin Seex, Neurosurgeon

Royal Melbourne Hospital and Melbourne Private Hospital, Melbourne

The Spinal Surgery Fellow will be involved in the assessment, investigation and management of patients with all forms of spinal pathology. The exposure will be from basic to complex instrumented spinal fusion surgery encompasssing all aspects of the spine. An understanding of the biomechanics and the decision making process will underpin the essential development in attaining the knowledge base in the management of patients

requiring spinal surgery. The Fellow will liaise with the Trauma and Oncology unit when patients with spinal pathology require assessment and management. The Neurosurgical unit has a strong input into the surgical aspects of pain management and Pain Service. The Fellow will be expected to maintain a close association with the Pain Service and enhance the multidisciplinary approach of these complex patients.

The Fellow will be expected to be involved with clinical research and help develop guidelines in the management of patients with spinal pathology in its multifaceted components.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Mr Bhadu Kavar, Neurosurgeon

St Vincent's Public and Private Hospitals, Melbourne

This position is ideal for a candidate who wishes to further improve on spine management and complex spinal procedures. The candidate will receive extensive exposure to all aspects of spine surgery especially degenerative cervical and lumbar disc diseases and their management including complex spinal instrumentation. Complete ongoing management of patient care starting at initial diagnosis made in clinic, admission to the hospital for surgery and finally at outpatient post operative care clinic. There are also opportunities for research and teaching of junior registrars and residents.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Mr Tiew Han, Neurosurgeon

Westmead Hospital and Westmead Private Hospital, Sydney

The fellowship provides comprehensive training in all aspects of spinal neurosurgery, including degenerative cervical and lumbar disc disease, spinal trauma, spine tumours (primary, metastatic and intradural), metabolic bone disease, spinal infections, congenital spinal anomalies, failed back syndrome and syringomyelia, with such treatments as endoscopic, microscopic and minimally invasive surgery. The fellowship consists of both inpatient and outpatient experience with primary clinical responsibility. In addition, fellows participate in basic scientific and clinical research to fulfill the requirements of the program.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Dr Andrew Kam, Neurosurgeon

ACCREDITED POSITIONS – CEREBROVASCULAR

Macquarie University Hospital

A successful candidate will undergo a 12-24 month fellowship with exposure to all aspects of cerebrovascular surgery. This includes but is not limited to: Evaluation and pre-operative workup of the patient with non-acute cerebrovascular disease; Harvesting vascular grafts for bypass; Skull base exposure; Clipping small anterior circulation aneurysm; Clipping small posterior circulation aneurysm; Excision of arteriovenous malformation; Excision of brainstem cavernoma; Carotid endarterectomy; Microvascular anastomosis in animals (prerequisite for the following unit); Microvascular anastomosis in humans. Additionally, we work closely with interventional neuro-radiologists and have a multi-disciplinary approach to patient care. This program will allow fellows to develop their technical skills with optimum efficiency while developing other surgical qualities including a commitment to lifelong learning, research, teaching, ethics and professionalism.

Duration: 12 months to 24 months full time
Remuneration: More than $75,000
Supervisor: Dr Nazih Assaad, Neurosurgeon

Royal Adelaide Hospital

A fellow on completion of this fellowship would understand the relevant literature regarding the best management for patients presenting with elective and acute vascular pathology. He/ she would be confident in surgical management of common neurovascular pathology. He/ she would have an extensive knowledge of the cerebral vascular anatomy.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Dr Amal Abou-Hamden, Neurosurgeon

ACCREDITED POSITIONS - PAEDIATRIC NEUROSURGERY

The Children's Hospital at Westmead

The CHW paediatric neurosurgical department is part of the TY Nelson Department of Neurology & Neurosurgery at CHW (Children's Hospital at Westmead). The department's ward is Commercial Travelers Ward on level 3 opposite the departmental offices and neurophysiology. It is an 22 bed ward for neurosurgery and neurology patients and includes 6 beds for eeg patient monitoring for the surgical epilepsy cases. The ward includes 6 monitored beds for high acuity patients. Ventilated patients are in the hospital PICU (20 beds) and NICU areas (23 beds). Theatres and the intensive care units (PICU & NICU) are conveniently on the same level as us down the corridor. CHW is a 270 bed tertiary hospital with full clinical services including all paediatric subspecialties and is part of the new NSW Kids Network.

The unit does all aspects of paediatric neurosurgery (hydrocephalus including endoscopy,trauma, neurovascular, epilepsy surgery, surgery for spasticity, craniofacial, neuro-oncology) and has a current hydrocephalus reasearch program. Case load in 2015 included over 450 admissions and 290 surgical cases, with a significantly greater complexity than at the time of the last application . There are dedicated paediatric neuroradiologists and an interventional neurovascular room, paediatric neuroapthologists and all other required paediatric subspecialties. The unit has a weekly neurosurgical OPD as well as attending the craniofacial and spina bifida clinics.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Dr Mark Dexter, Neurosurgeon

ACCREDITED POSITIONS – NEURO-ONCOLOGY

The Royal Melbourne Hospital and Melbourne Private Hospital

The Neuro-Oncology Fellow will obtain a broad experience in all aspects of clinical neuro-oncology. This would include outpatient, inpatient and operative care of patients with all types of adult brain tumours, including interaction with all members of the multidisciplinary team. They would experience a close association with the oncology, endocrinology, neuroradiology, neuropathology, epilepsy, psychiatry and allied health teams. The Neuro-Oncology Fellow would be expected to undertake clinical research and to be involved in all aspects of translational and clinical trial research being undertaken in the unit and to oversee data and tissue collection. They would be expected to take a lead role in the management of all patients with brain tumours and to have a close interaction with the brain tumour research laboratories. They would be expected to undertake educational activities for junior medical staff.

Through this broad and in-depth experience the Neuro-Oncology Fellow would attain an advanced understanding and application of scientific knowledge relevant to complex Neuro-oncology conditions, advanced procedural experience and operative skill as well as a broad experience of pre- and post-operative management of these patients. In addition, the would attain an understanding of, and mentoring in, the psychosocial care of these patients, including communication skills, health advocacy and palliation.

Duration: 12 months full time
Remuneration: More than $75,000
Supervisor: Dr Kate Drummond, Neurosurgeon