

## **Movement Disorders fellowship**

Princess Alexandra Hospital, Brisbane

We are offering a fully funded 12-month clinical fellowship position at Princess Alexandra (PA) Hospital, Brisbane.

The public movement disorder service at Princess Alexandra Hospital covers Metro South, the largest and most populous health district within Queensland. Our services at PA Hospital include a weekly movement disorders clinic, a movement and cognition clinic, the only publicly funded deep brain stimulation programme for movement disorders in Queensland and a state-wide Gamma knife service for lesioning surgery.

The fellow will also have the opportunity to participate in our Functional Neurological Disorders clinic at Mater Hospital (which is currently the only multidisciplinary clinic of its kind in Australia).

This program would ideally suit an advanced neurology trainee in the elective year or a recently qualified neurologist. Applicants with an interest in a higher research degree are encouraged to apply.

Goals and objective for fellow:

1. To gain expertise in the recognition and diagnosis of movement disorders (including Parkinson's disease, atypical Parkinsonian disorders (MSA, CBD, etc.), Huntington's disease, Tourette's Syndrome, tremor, chorea, athetosis, dystonia, ballism, myoclonus, tics, spasticity, rigidity, restless legs syndrome).
2. To understand underlying mechanisms of functional neurological disorders and organic movement disorders.
3. To develop an understanding of the pharmacological, surgical, and supportive approaches used in the clinical management of movement disorders.
4. To become familiar with genetic testing and counselling relevant to inherited movement disorders.
5. To develop expertise with clinical rating scales used in the assessment of movement disorder patients, and in the conduct of clinical trials.
6. To acquire basic skills in clinical or basic research relevant to movement disorders.
7. To gain experience in the didactic teaching of movement disorders, including the effective use of multimedia modalities.

Fellowship activities:

The above goals are accomplished by a fellowship experience organized around the following areas of clinical training, research training and teaching opportunities:

### **Clinical Training**

The fellow will work under the direct supervision of Dr Alexander Lehn.

1. Outpatient management of movement disorders under supervision.
2. Inpatient movement disorders consultations.

3. Presurgical evaluation of movement disorders patients for deep brain stimulation and Gamma Knife surgery. The movement disorder fellow will be an integral part of the pre-surgical, intraoperative and post-surgical evaluative team.

### **Research**

1. Clinical trials: participation as a clinical evaluator in clinical trials currently in operation.
2. Research Project: In a clinical area chosen by the fellow with the assistance and supervision of Dr. Lehn. The fellow will be expected to present his/her findings at an academic meeting.

### **Teaching**

1. The fellow will be involved in all the educational activities of the Department of Neurology and Department of Medicine which include:
  - a. Weekly joint clinical meetings with the departments of Neurology and Radiology.
  - b. Weekly grand rounds (Department of Medicine)
  - c. Weekly registrar training (Department of Neurology)
  - d. Weekly educational meeting (Department of Neurology)
  - e. Monthly neuropathology meeting
  - f. Monthly multidisciplinary deep brain stimulation and Gamma Knife planning and review meeting

Successful candidates will be individually assessed at the beginning of the fellowship for existing knowledge and skills, and training will be tailored to the needs of the candidate.

### **1. Interpersonal and Communication Skills –**

- a. Create meaningful rapport and relationship with patients and families.
- b. Communicate potentially complex treatment plans to patients and families in appropriate fashion.
- c. Communicate promptly with referring physicians.
- d. Work effectively with allied health, nursing and administrative staff.
- e. Teach or help train registrars, nurses and allied health staff about movement disorders.
- f. Present cases and conferences on relevant movement disorders topics including a full review of the pertinent literature.
- g. Present research project at a scientific meeting.

### **2. Professionalism –**

- a. Carry out professional responsibilities, adhere to ethical principles, and demonstrate respect, compassion, and integrity towards peers, staff, paramedical personnel, and patients of diverse backgrounds.

### **3. Systems-Based Practice**

- a. Understand the appropriate reasons for obtaining investigations and choosing treatment modalities in a patient-centered model.
- b. Understand practice parameters, resources, costs of procedures, and to recommend or do appropriate tests for the patient and their families.

*Feedback:*

1. **Directly observed procedures**
2. **Verbal**
3. **Competency-based evaluation forms, completed via direct observation and supervision every month (first three months) then quarterly**
4. **Meetings with supervisor every three months**
5. **360 reviews**

***PROPOSED TIMETABLE***

	<b>AM</b>	<b>PM</b>
<b>Monday</b>	Functional Neurological Disorders clinic	Movement and cognition clinic
<b>Tuesday</b>	Deep brain stimulation surgery	Deep brain stimulation clinic
<b>Wednesday</b>	Pre/post-op patient assessments	Deep brain stimulation clinic
<b>Thursday</b>	Research and teaching	
<b>Friday</b>	Movement disorders clinic	Research and teaching