

2008

DAVID ANDREW STEVEN, MD, MPH, FRCSC

Credentials

Fellow of the Royal College of Surgeons of Canada
Diplomate of the American Board of Neurological Surgery

Current Positions / Appointments

Assistant Professor of Neurosurgery, Department of Clinical Neurological Sciences
University of Western Ontario

Assistant Professor, Department of Epidemiology and Biostatistics
University of Western Ontario

Program Director, Neurosurgery
University of Western Ontario

Education

1999 - 2000	Yale University Master of Public Health (Biostatistics)	New Haven, Connecticut
1992 - 1996	University of Manitoba Doctor of Medicine	Winnipeg, Manitoba
1989 - 1992	University of Manitoba Bachelor of Science	Winnipeg, Manitoba

Postgraduate Medical Training

- 1996 – 2002 Residency in Neurosurgery, London Health Sciences Centre
London, Ontario
- 2002 – 2003 Fellowship in Epilepsy Surgery. Montréal Neurological Hospital,
Supervisor: Dr. André Olivier
Montréal, Québec

Previous and Current Medical Licences

College of Physicians and Surgeons of Ontario (70255)
Collège des Médecins du Québec (R09426), 2002-2003

Memberships in Professional Societies

- Fellow of the Royal College of Surgeons of Canada
- Canadian Neurosurgical Society
- Congress of Neurological Surgeons
- Canadian League Against Epilepsy
- Canadian Epilepsy Surgery Study Group
- American Epilepsy Society
- Ontario Medical Association

Awards and Achievements

Teaching

- USC Teaching Honour Roll 2003
- USC Teaching Honour Roll 2004
- USC Teaching Honour Roll 2005

Residency

- First Prize – 2001 Clinical Neurological Sciences Research Day, University of Western Ontario

Medical School

- Senior Stick - Faculty of Medicine, University of Manitoba – 1996
- Vice-Stick - Faculty of Medicine, University of Manitoba – 1995
- Madge Hogarth Scholarship, University of Manitoba – 1996
- Sam Finkle Scholarship, University of Manitoba - 1996

Administrative Responsibilities / Committees

University of Western Ontario:

- Program Director, Neurosurgery (2006-present)
- Postgraduate Education Nucleus Committee, Schulich School of Medicine & Dentistry (2006-present)
- Education Committee, Department of Clinical Neurological Sciences (2006-present)
- Chair, Postgraduate Education Committee, Division of Neurosurgery (2006-present)
- Chief Resident, Division of Neurosurgery (2001)

University of Manitoba:

- President, Manitoba Medical Students' Association (1995-1996)
- Vice-President (Academic), Manitoba Medical Students' Association (1994-1995)
- Chair, Manitoba Medical Students' Association Executive Council (1995-1996)
- Chair, Manitoba Medical Students' Association Academic Council (1994-1995)
- Executive Council, University of Manitoba Faculty of Medicine (1995-96)
- Executive Council, University of Manitoba Students' Union (1995-96)
- Executive Council, Professional Association of Internes and Residents of Manitoba (1995-96)

Royal College of Physicians and Surgeons of Canada:

- Neurosurgery Specialty Committee (2006-present)

Reviewer

- Canadian Epilepsy Surgery Study Group Advisory Board (2006-present)
- Canadian Journal of Neurological Sciences (2006-present)
- Journal of Trauma, Injury, Infection and Critical Care (2006-present)

Publications

Original Papers

1. **Steven DA**, McGinn GJ, McClarty BM. A choroid plexus papilloma arising from an incidental pineal cyst. *AJNR: Am J Neuroradiol* 17: 939-42, 1996.
2. Jhavar BS, Ranger A, **Steven DA**, Del Maestro RF. Risk factors for intracranial hemorrhage among full-term infants: A case control study. *Neurosurgery* 52(3): 581-590, 2003.
3. Kole MK, **Steven D**, Kirk A, Lownie SP. Superficial siderosis of the central nervous system from a bleeding pseudomeningocele. Case illustration. *J Neurosurg* 100(4): 718, 2004.
4. Arango MF, **Steven DA**, Herrick IA. Neurosurgery for the treatment of epilepsy. *Curr Opin Anaesthesiol* 17:383-387, 2004.
5. Jhavar BS, Ranger A, **Steven DA**, Del Maestro RF. A follow-up study of infants with intracranial hemorrhage at full-term. *Can J Neurol Sci.* 32(3):332-9, 2005.
6. Burneo JG, **Steven DA**, MacLachlan RS. Nonconvulsive status epilepticus after temporal lobectomy. *Epilepsia* 46(8): 1325-7, 2005.
7. **Steven DA**, Wiebe S. Evaluating surgery effectiveness. *Adv Neurol.* (97), 2006.
8. Burneo JG, **Steven DA**, MacLaclan RS, Parrent AG. Morbidity associated with the use of intracranial electrodes for epilepsy surgery. *Can J Neurol Sci.*, 33(2), 2006.
9. **Steven DA**, Lownie SP, Ferguson GG. Aneurysms of the distal anterior cerebral artery: results in 59 consecutively managed patients. *Neurosurgery* 60(2): 227-234, 2007.
10. **Steven DA**, Andrade-Souza YM, Burneo JG, McLachlan RS, Parrent AG. Insertion of subdural strip electrodes for the investigation of temporal lobe epilepsy: technical note. *J. Neurosurg.* 106(6): 1102-1106, 2007.
11. Bandur DL, Parrent AG, **Steven DA**. A tailored approach to language mapping in epilepsy surgery: some preliminary findings. *Journal of Medical Speech-Language Pathology.* 15(2): 107-

117, 2007.

Letters to the editor

Steven DA. Outcome of surgical clipping of unruptured aneurysms as it compares with a 10-year nonclipping survival period. *Neurosurgery* 60(1): 208, 2007.

Book Chapters

Steven DA, Ferguson GG. Distal Anterior Cerebral Artery Aneurysms. in Winn HR, Youmans JR, (eds.) *Neurological Surgery, 5th Edition.* W.B. Saunders: Philadelphia. 2003

Abstracts

1. Jhawar BS, **Steven DA,** Del Maestro RF. Intracranial Hemorrhage in the Newborn Full Term Infant. *Can J Neurol Sci* 24 (Suppl 1), 1997.
2. **Steven DA,** Del Maestro RF, Ramsay DA, Macdonald DR, Rizkalla K. Primary Low Grade Central Nervous System Lymphoma (PCNSL) in a Child - A Case Report. *Can J Neurol Sci* 25 (Suppl 2), 1998.
3. Jhawar BS, **Steven DA,** Sahjpal RL, Del Maestro RF. The Role of Nuclear Medicine Shuntograms in the Evaluation of Patients with Ventriculoperitoneal Shunt Obstructions. *Can J Neurol Sci* 25 (Suppl 2), 1998.
4. Megyesi JF, Kachur E, Ranger A, **Steven DA.** Nocardia Brain Abscess in a Non-Immunocompromised Host: Case Report and review of the literature. *Can J Neurol Sci* 26 (Suppl. 1), 1999.
5. **Steven DA,** Ferguson GG. Distal anterior cerebral artery aneurysms. *Can J Neurol Sci* 27 (Suppl. 2), 2000.
6. **Steven DA,** Claus E, Eliasziw M, Ferguson GG. Wound hematomas after carotid endarterectomy. *Can J Neurol Sci* 31(2) (Suppl. 1), 2004.
7. Burneo JG, **Steven DA,** Parrent A. Morbidity associated with intracranial placement of electrodes for epilepsy surgery evaluation. *Can J Neurol Sci* 32(2) (Suppl. 1), 2005.

8. **Steven DA**, Parrent A, Wiebe S, Mirsattari S. Automated fusion technique for fusion of MRI and CT for visualization of subdural electrodes. *Can J Neurol Sci* 32(2) (Suppl. 1), 2005.
9. Jong L, Bandur D, Bihari F, Lee D, **Steven D**, Parrent A, Piggott S, Mirsattari, S. Plasticity of language areas of the brain in adult patients with medically refractory temporal lobe epilepsy following temporal lobectomy. *Can J Neurol Sci* 33(2) (Suppl 1), 2006.
10. MacDougall K, Burneo JG, McLachlan RS, Parrent AG, **Steven DA**. Surgical Outcomes after Intracranial Electrode Placement for Complex Epilepsy: Results of 103 Cases. *Epilepsia* 47(S4): 358, 2006.
11. Jong L, Mirsattari SM, Bandur D, Bihari F, Lee DH, **Steven DA**, Parrent AG. Plasticity of language areas of the brain in adult patients with medically refractory temporal lobe epilepsy following temporal lobectomy. *Epilepsia* 47(S4): 90, 2006.
12. Plener IS, **Steven DA**, McLachlan RS, Schenke M, Chen A, Parrent AG, Girvin JP, Burneo JG. Corpus Callosotomy in the Treatment of Medically Refractory Epilepsy. *Epilepsia* 48(S6): 148, 2007.
13. MacDougall KM, **Steven DA**, Parrent AG, Burneo JG. Inserting Supplementary Subdural Electrodes in the Evaluation for Epilepsy Surgery. *Epilepsia* 48(S6): 149, 2007.

Presentations

- Steven DA**, Ferguson GG. Distal anterior cerebral artery aneurysms. Annual Meeting of the Canadian Congress of Neurological Sciences. Ottawa, Ontario, Canada, June 2000.
- Steven DA**, Claus E, Eliasziw M, Ferguson GG. Wound hematomas after carotid endarterectomy. Annual Meeting of the Canadian Congress of Neurological Sciences. Calgary, Alberta, Canada, June 2004.
- Steven DA**. Improving results in temporal lobe surgery (University of Calgary, CNS Grand Rounds), 2006.
- Steven DA**. Consensus and Controversies in Epilepsy: Standard Temporal Lobectomy vs. Selective Amygdalohippocampectomy. Annual Meeting of the Canadian Congress of Neurological Sciences. Ottawa, Ontario, Canada, June 2005.
- Steven DA**. Acute Management of Acquired Brain Injury. Acquired Brain Injury Conference, Parkwood Hospital, London, Ontario, Canada, 2005)

David A. Steven/7

Masters Thesis

Steven DA. Wound hematomas after carotid endarterectomy. Yale University, 2003.