

CURRICULUM VITAE

Contact Information

Jacob N. Young, MD
Board Certified, Neurological Surgery

Overlake Neurosurgery, a division of
Neurosurgical Consultants of Washington, Inc. P.S.
1515 116th Ave NE
Suite 302
Bellevue, WA 98004

425-456-0922 voice
425-688-1588 fax

URL: JacobYoungMD.com

Education

Undergraduate Degree: B.S. Chemistry, 1982
Institution: Florida State University, Tallahassee, Florida
Honors: Phi Beta Kappa, Magna Cum Laude

Medical School: Duke University School of Medicine, Durham, North Carolina, 1986
Honors: AOA Medical Honor Society

Post Doctoral Training

General Surgery Internship 1986-1987
Duke University Medical Center

Neurological Surgery Residency 1987-1993
Duke University Medical Center

Research Fellowships

Cellular mechanisms of ischemic neuronal injury.
under Dr. George Somjen and Dr. Peter Aitken
Department of Cell Biology
Duke University Medical Center

Licensure and Board Certification

Licensed in the State of
North Carolina, 1986-1993

Licensed in the State of
Virginia, 1993-1997

Licensed in the State of
Washington, 1997-present

Board Certified in Neurological Surgery, November 1996
American Board of Neurological Surgeons

Academic & Administrative Appointments

Chief of Neurosurgery
Swedish Medical Center
First Hill Campus
2003-2005

Member Credentials Committee
Swedish Medical Center
2005

PACS Committee
Overlake Hospital
2006-

Hospital Appointments

Overlake Medical Center
Northwest Medical Center
Virginia Mason Medical Center
Auburn Regional Medical Center (pending 1/09 application)
Highline Medical Center (pending 1/09)

Memberships, Offices and Committee Appointments

American Association of Neurological Surgeons (AANS)
American Board of Neurological Surgery (ABNS)
Washington State Association of Neurological Surgeons (WSANS)
North American Spine Society (NASS)
King County Medical Society (KCMS)
Washington State Medical Association (WSMA)

Other Professional Positions & Major Appointments

Secretary, Washington State Association of Neurological Surgeons 2006-2008
Treasurer and Co-director, Neurosurgical Consultants of Washington

Awards & Honors

Seattle Magazine's Top Doctors as Chosen by Peers
Specialty: Neurological Surgery
2004- 2009

Seattle Metropolitan Magazine's Top 315 Specialists
Neurological Surgery
2006

Seattle Metropolitan Magazine's Top 296 Doctors
Neurological Surgery
2007

Alpha Omega Alpha Medical Honor Society
Awarded 1985
Duke University Medical Center

Uniformed Health Services Medical Scholarship

Awarded 1981
United States Navy

Phi Beta Kappa
Awarded 1981
Florida State University

Bibliography

Publications

1. Young, J.N., Nashold, B.S., Jr. and Cosman, E.R. A new insulated caudalis nucleus DREZ electrode. Technical note. *J Neurosurg* 70:283-284, 1989.
2. Rossitch, E., Jr., Lyerly, M.A., Ovelmen-Levitt, J., Young, J.N. and Nashold, B.S., Jr. The deafferentation syndrome in the rat: effects of sex, age, and lesion type. *Surg Neurology* 37:89-93, 1991.
3. Young, J.N., Friedman, A.H., Harrelson, J., Rossitch, E., Alston, S. and Rozear, M. Hemangiopericytoma of the sciatic nerve. Case report. *J Neurosurg* 74:512-515, 1991.
4. Young, J., Aitken, P.G. and Somjen, G.G. Calcium, magnesium, and long-term recovery from hypoxia in hippocampal tissue slices. *Brain Research* 1991.
5. Ovelmen-Levitt, J., Young, J.N., Rossitch, E., Jr. and Nashold, B.S., Jr. The expression of a deafferentation syndrome in the Sprague-Dawley rat: effects of frontoparietal cortical lesions. *Pain* 47:203-209, 1991.
6. Rossitch, E., Jr., Young, J.N. and Nashold, B.S., Jr. Nucleus caudalis and dorsal root entry zone lesioning for pain relief: an update. In: *Neurosurgery: Update II*, edited by Wilkins, R.H. and Rengachary, S.S. NY: McGraw-Hill, p. 360-365, 1991.
7. Ovelmen-Levitt, J., Young, J.N., Rossitch, E., Jr. and Nashold, B.S., Jr. The expression of a deafferentation syndrome in the Sprague-Dawley rat: effects of frontoparietal cortical lesions. *Pain* 47:203-209, 1991.
8. Aitken, P.G., Jing, J., Young, J. and Somjen, G.G. Ion channel involvement in hypoxia-induced spreading depression in hippocampal slices. *Brain Research* 541:7-11, 1991.
9. Young, J.N. and Somjen, G.G. Suppression of presynaptic calcium currents by hypoxia in hippocampal tissue slices. *Brain Research* 573:70-76, 1992.
10. Sampson, J., Rossitch, E., Jr., Young, J.N., Friedman, A.H. Case Report: Eosinophilic granuloma of the clivus. *Neurosurgery* 31:755-758, 1992.
11. Young, J.N., Oakes, W.J. and Hatten, H.P., Jr. Dorsal third ventricular cyst: an entity distinct from holoprosencephaly. *J Neurosurg* 77:556-561, 1992.
12. Young, J.N., Wilkins, R.H. Partial sensory trigeminal rhizotomy in the posterior fossa for trigeminal neuralgia. *J Neurosurgery* 78:680, 1993.
13. Somjen, G.G., Aitken, P.G., Czeh, G., Jing, J., Young, J.N. Cellular physiology of hypoxia of the mammalian central nervous system. In: *Molecular and Cellular Approaches to the Treatment of Neurological Disease*, edited by Waxman, S.G. NY: Raven Press, p. 51-65, 1993.
14. Young, J.N., book review on: *Brain surgery for beginners and other major operations for minors: a scalpel-free guide to your insides.*, accepted for publication in *Journal of Neurosurgery*, 5/96.
15. El-Naggar, A.O., Nashold, B.S., Jr., Rossitch, E., Jr., Young, J.N. Trigeminal Nucleus Caudalis Lesioning for Pain Relief. In: *Neurosurgery*, 2nd Edition, edited by Wilkins, R.H. and Rengachary, S.S. NY: McGraw-Hill, p. 4047-4054, 1996.
16. Young JN, Shaffrey CI, Laws ER Jr, Lovell LR. Lumbar disc surgery in a fixed compensation population: a model for influence of secondary gain on surgical outcome. *Surgical Neurology*. 48(6):552-8; discussion 558-9, Dec. 1997.

17. Piccorilli CB, Shaffrey CI, Young JN, Lovell LR. Two-portal endoscopic carpal tunnel release surgery: report of early experience. *Neurosurgical Focus* July 1997, Vol.3 No. 1.

(link to this article!)

18. Shaffrey CI, Wiggins GC, Piccirilli CB, Young JN, Lovell LR. Modified open-door laminoplasty for treatment of neurological deficits in younger patients with congenital spinal stenosis: analysis of clinical and radiographic data. *J Neurosurg (Spine 2)* 90:170-177, 1999

19. Balestrino M, Young J, Aitken P. Block of (Na⁺,K⁺) ATPase with ouabain induces spreading depression-like depolarization in hippocampal slices. *Brain Research* 838 (1999) 37-44

Abstracts:

1. Aitken, P.G., Jing, J., Young, J., Friedman, A. and Somjen, G.G. Spreading depression in human hippocampal tissue in vitro. Third IBRO Congr. Neurosci. Abstr. 329, 1991. (Abstract)

2. Somjen, G.G., Aitken, P.G., Herreras, O., Jing, J. and Young, J. Mechanisms of spreading depression: is glia the key? International Union of Physiological Societies Regional Meeting Abstracts 1991. (Abstract)

3. Early Safety Experience with a Fully Implanted Intracranial Responsive Neurostimulator for Epilepsy
David Vossler, Michael Doherty, Robert Goodman, Lawrence Hirsch, Jacob Young and Diana Kraemer
Abstract Presented at the Annual Meeting of the American Epilepsy Society (AES), New Orleans, Dec 2004