

## Curriculum Vitae

### David A. Lundin, M.D., F.A.A.N.S.

President, Synapse Neurosurgical Consultants

Medical Director, Neurosurgery, Spine Center

UW/Valley Medical Center

Clinical Professor

Department of Neurological Surgery

University of Washington

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<b>Appointments</b>	<b>Medical Director, Neurosurgery, Spine Center</b> University of Washington/Valley Medical Center Renton, WA	Nov 08-Pres
	<b>Clinical Professor</b> Department of Neurological Surgery University of Washington School of Medicine Seattle, WA	May 09-Pres
	<b>Director of Minimally Invasive Spine</b> <i>Southern California Center for Neuroscience and Spine</i> Pomona, CA	Jul 06-Nov 08
<b>Education &amp; Training</b>	<b>Chief Resident of Neurological Surgery</b> <i>University of Washington School of Medicine</i> Seattle, WA	Jan 05-Jul 06
	<b>Fellowship in Spinal Surgery</b> University of Washington School of Medicine Departments of Orthopedic and Neurosurgery Seattle, WA	Jul 04-Dec 04
	<b>Senior Registrar in Neurological Surgery</b> Atkinson Morley's Hospital, St George's Trust London, England	July 03-Jun 04

**Resident in Neurological Surgery** July 00-July04  
*University of Washington School of Medicine*  
Seattle, WA

**Resident in General Surgery** 2000  
*University of Washington School of Medicine*  
Seattle, WA

**Doctor of Medicine** 1999  
*University of Washington School of Medicine*  
Seattle, WA

**Bachelor of Science, Biopsychology Major** 1994  
*University of California at Santa Barbara*  
Santa Barbara, CA

## Honors/Awards

### *Neurosurgery*

- “Top Doctor-Neurosurgery” Seattle Met Magazine, 2016
- “Top Doctor-Neurosurgery” Seattle Met Magazine, 2015
- “Top Doctor-Neurosurgery” Seattle Magazine, 2015
- “Top Doctor-Neurosurgery” Seattle Met Magazine, 2014
- “Top Neurosurgeon” Healthtap 2013
- “Best Doctors” Edition, Inland Empire Magazine, November 2007

### *Medical School:*

- Doctor of Medicine with Highest Honors, Number One in Class
- Alpha Omega Alpha Honorary Society: Elected Junior year
- Clinical Honors: Neurological Surgery, Surgery, Internal Medicine, Trauma and Emergency Care, Obstetrics/Gynecology, Pediatrics, Psychiatry, Family Medicine
- Medical Student Research and Training Program Stipend
- Western Student Medical Research Forum Award for Excellence in Research

### *Undergraduate:*

- Bachelor of Science with Highest Honors
- Dean’s Honors (1991-1994)
- Department of Psychology Academic Excellence Award
- Psi Chi Honorary Society in Psychology

## Research Experience

**Christopher I. Shaffrey Laboratory in Spinal Disorders**  
*Department of Neurological Surgery, University of Washington*

- Funding provided by NIH, Research and Training Grant (2002)

**Michel S. Berger and John R. Silber Laboratory in Neuro-Oncology**  
**Department of Neurological Surgery, University of Washington**

- Research Fellowship (1996-97): Funding provided by the Nathan Schock Center of Excellence in the Basic Biology of Aging Research Grant
- Medical Student Research and Training Program (1995-96)
- Independent Study in Medical Science (1995-96)

**Harry C. Carlise Laboratory in Biological Psychology**  
**Department of Psychology, University of California at Santa Barbara**

- Independent Study in Neurological Endocrinology (1992-1994)

**Publications & Presentations**

Wiseman, D.B., Dailey, A.T., Lundin, D.A., Zhou, J., Lipson, A, Falicov, and Shaffrey, C.I. Magnesium Efficacy in a Rat Spinal Cord Injury Model.

- *J. Neurosurg Spine*, 10 (4) 308-314, 2009

Wiseman D.B., Wiggins, G.C., Lundin D.A. and Shaffrey, C.I. Anterior Thoracolumbar Screw-Rod Instrumentation. *Spinal Cord and Spinal Column Tumors: Principals and Practice*. Edited by Dickman, C.A., Fehlings, M.G., and Gokaslan, Z.L. Thieme (2006)

Vilela, M.D., Goodkin, R., Lundin, DA., and Newell, D.W. Rotational Vertebrobasilar Ischemia: Hemodynamic Assessment and Surgical Treatment. *Neurosurgery*, 56(1): 36-43, 2005

Lundin, D.A., Kuntz, C. and Shaffrey, C.I. Management of Extradural Tumours. *International Neurosurgical Practice*. Edited by Newell D.W. Moore, A. Springer-Verlag (2005)

Opel D.J., Lundin D.A., Stevenson K.L., Klein E.J. Glass foreign body in the spinal canal of a child: case report and review of the literature. *Pediatr Emerg Care*, 20(7): 468-72, 2004.

Keles, G.E., Lundin, D.A., Lamborn, K.R., Chang, E.F., Ojemann, G., and Burger, M.S. Intraoperative subcortical stimulation mapping for hemispherical perirolandic gliomas located within or adjacent to the descending motor pathways: evaluation of morbidity and assessment of functional outcome in 294 patients. *J. Neurosurg*, 100: 369-375, 2004

Lundin, D.A., Wiseman, D.B., Ellenbogen, R.G., and Shaffrey, C.I. Direct repair of the pars interarticularis for spondylolysis and spondylolisthesis. *Pediatr Neurosurg*, 39: 195-200, 2003

Wiseman D.B. Lundin, D.A. and Shaffrey, C.I. Spondylolisthesis. *Youman's Neurological Surgery, 5<sup>th</sup> Edition*. Edited by Winn, H.R. W.B. Saunders (2003).

Lundin, D.A., Wiseman, D. B. and Shaffrey, C.I. Spondylolysis and Spondylolisthesis in the Athlete. *Clinical Neurosurgery*, 49: 528-547, 2002

Lundin, D.A. Wiseman, D.B., Ellenbogen, R.G., and Shaffrey, C.I. Direct Repair of the Pars Interarticularis for Spondylolysis and Spondylolisthesis.

- Abstract for the Congress of Neurological Surgeons 2002

Lundin, D.A., Avellino, A.M., and Loeser, J.D. Intrathecal Baclofen for the Treatment of Spasticity in Children.

- Oral Presentation for the Russian Congress of Neurological Surgeons 2002

Lipson, A.C., Lundin, D.A., Foltz, G., and Horner, P. Stem cells in the mature and developing spinal cord: Experimental Studies and Therapeutic Implications for Spinal Cord Injury.

- Abstract for the Russian Congress of Neurological Surgeons 2002

Lundin, D.A., Berger, M.S., Blank, A., and Silber, J.R. Microsatellite Instability is Infrequent in Sporadic Adult Gliomas. *Oncology Research* **10**(8): 421-8, 1998

Lundin, D.A., Bobola, M.S., Berger, M.S., and Silber, J.R. Lack of O6-DNA Methyltransferase Activity Does Not Promote Microsatellite Instability in Human Gliomas (Abstract). *Proceeding of the American Association for Cancer Research* **39**: 536, 1998

Lundin, D.A., Bobola, M.S., Berger, M.S., and Silber, J.R. Loss of Mismatch Repair in O6-Methylguanine-DNA Methyltransferase Deficient Human Brain Tumors (Abstract). *Journal of Investigative Medicine* 44:116A, 1996.

## Professional Organizations

### American Board of Neurological Surgery

- Board Certified

### National Board of Physicians and Surgeons

- Board Certified in Neurological Surgery

### Congress of Neurological Surgeons

- Member (2000-Present)

### American Association of Neurological Surgeons

- Member (2000-Present)

### National Association of Spine Surgeons

- Member (2010-Present)