

CURRICULUM VITAE

ALLAN D. LEVI, MD, PhD, FACS, FAANS

1. Date: April 07, 2022

PERSONAL

2. Name: Allan D. Levi

3. Office: (305) 243-4572

4. Office Address: Department of Neurological Surgery
University of Miami/Miller School of Medicine
Lois Pope LIFE Center
1095 NW 14th Terrace – 2nd Floor (2-24)
Miami, FL 33136

5. Current Academic Rank: Professor - tenured

6. Primary Department: Neurosurgery

7. Secondary Appointments: Orthopedics/Rehabilitation

8. Citizenship: U.S.A.
Canada

9. Languages: English, French, Italian and Spanish

HIGHER EDUCATION

10. Institutional:

June 1980 Marianopolis College, Canada - **D.E.C.**
(Health Sciences)

June 1982 University of Ottawa, Canada - **B.Sc.** (Biology)

June 1986 University of Ottawa, Canada - **B.Med.Sc.**
(Medical Research)

Curriculum Vitae
Levi, Allan M.D., Ph.D.

- | | |
|-----------|---|
| June 1986 | University of Ottawa, Canada - M.D.
(Medicine) |
| June 1994 | University of Miami School of Medicine
Miami, Florida
Ph.D. (Neuroscience) |
11. Non-Institutional: None
12. Certification, licensure:
- | | |
|------|--|
| 1987 | Ontario college of Physicians and Surgeons general practice license. |
| 1987 | US National Boards (Parts I, II and III completed). |
| 1989 | Royal College of Physicians and Surgeons of Canada, Principles of Surgery Examination. |
| 1990 | Course in Neurobiology for Neurosurgeons, Woods Hole Marine Biological Laboratory. |
| 1991 | Lougheed Microsurgical Course, U of T, Department of Neurosurgery. |
| 1991 | American Board of Neurological Surgery, Primary Written Examination. |
| 1995 | Certification in Neurosurgery by the Royal College of Physicians and Surgeons of Canada. |
| 1999 | Board certified by the American Board of Neurological Surgery. |
| 1999 | Fellow of the American Association of Neurological Surgeons |
| 2001 | Fellow of the American College of Surgeons |

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13. Academic:

- | | |
|------------------------|--|
| 07/86-06/87 | Comprehensive Surgery Internship
University of Toronto |
| 07/87-06/91 | Resident
Division of Neurosurgery
University of Toronto |
| 07/91-06/94 | Doctoral Candidate (PhD),
Neuroscience Program, University of Miami. |
| 07/94-09/95 | Resident/Fellow
Division of Neurosurgery
University of Toronto |
| 10/95-12/96 | Spine Fellow
Division of Neurosurgery
Barrow Neurological Institute
St. Joseph's Hospital and Medical Center
Phoenix, Arizona |
| 01/97-01/02 | Assistant Professor
Neurosurgery, Orthopedics and Rehabilitation and
The Miami Project to Cure Paralysis
Miami, Florida |
| 01/02-02/07 | Associate Professor
Neurosurgery, Orthopedics and Rehabilitation and
The Miami Project to Cure Paralysis
Miami, Florida |
| 03/98 – 06/15 | Director of Neurosurgical Spine Fellowship Program |
| 03/98 – 06/15 | Co-Director of the Acute Spinal Cord Injury Unit at
Jackson Memorial Hospital |
| 07/99 – 06/15 | Chief of Neurospinal Services – JMH |
| 02/07 – present | Professor - tenured
Neurosurgery, Orthopedics and Rehabilitation and
The Miami Project to Cure Paralysis
Miami, Florida |
| 11/07 – 06/15 | Chief of Neurosurgery
University of Miami Hospital |

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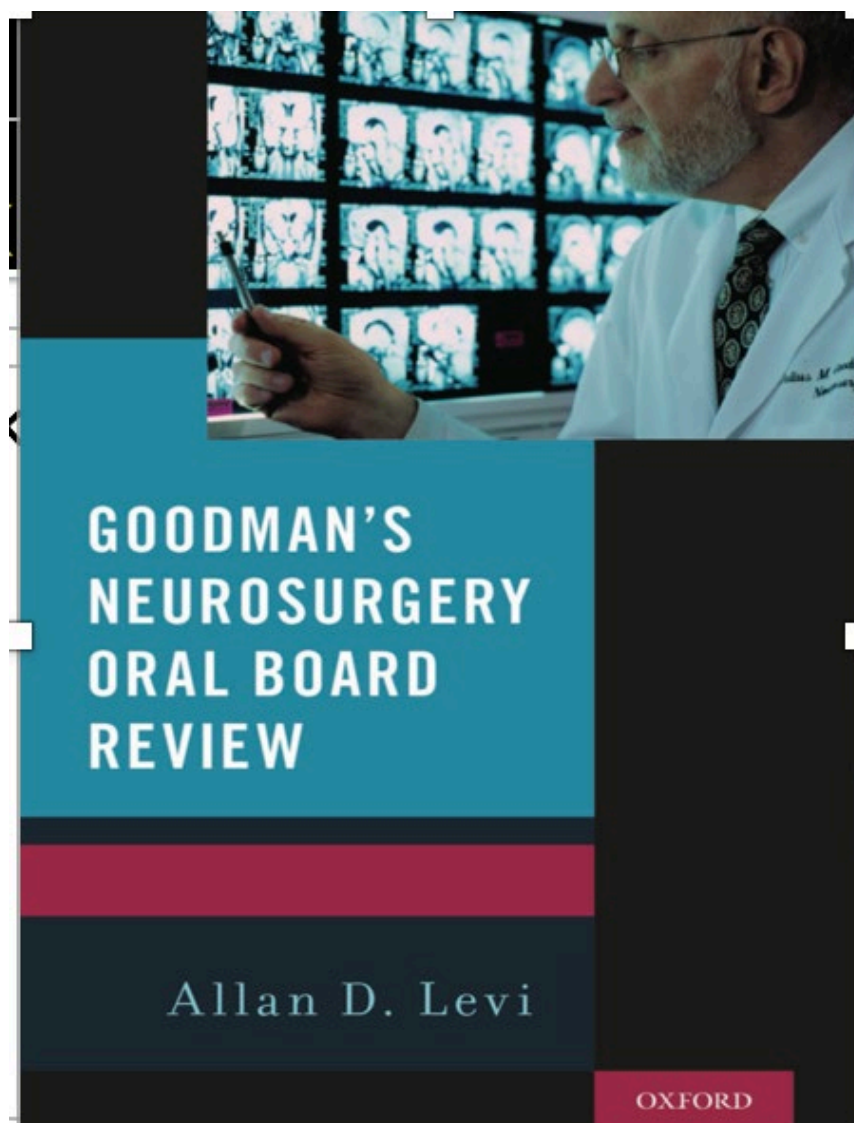
- | | |
|------------------------|---|
| 04/12 - present | Robert M. Buck Distinguished Chair in Neurological Surgery |
| 04/12 – present | Clinical Director – The Miami Project to Cure Paralysis |
| 06/15 – present | Chief of Neurosurgery
Jackson Memorial Hospital |
| 06/15 – present | Chairman of Neurosurgery
University of Miami MILLER School of Medicine |
14. Non-academic: None

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PUBLICATIONS

Books

1. **Levi AD:** Studies on the storage and proliferation of cultured human Schwann cells with observations on their capacity to myelinate regenerating rodent axons in vivo. UMI Dissertation Services, Ann Arbor. 1994.
2. **Levi AD:** Goodman Oral Board Review Primer. Oxford University Press, New York, 192 pages, 2016 (1,424 copies sold)
3. **Levi AD:** Goodman Oral Board Review Primer – 2nd edition. Oxford University Press, New York, 196 pages, 2020 (Over 922 copies sold / TOTAL – 2,346 copies)



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Chapters and monographs published:

4. Soldozy S, Burks SS, Levi AD: Peripheral Nerve Surgery in **Koht, Sloan, Toleikis's Monitoring the Nervous System for Anesthesiologists and Other Health Care Professionals**, 3rd Ed, Dr. Christoph N. Seubert, Dr. Jeffrey Balzer, and Dr. Michael J. Malcharek, to be published by Springer - Chapter 36, 2022.
5. Rothrock RJ, Elarjani T, Levi AD: Neurosurgical Mimics in *Neurologic Clinics – Neurosurgery for Neurologists*, Ed Russel R. Lonser, Daniel K. Resnick, Elsevier Publishing Co, Ch 2021
6. Makler V, Levi AD: Intramedullary Spinal Cord Tumors in Adults - Section III - Spinal Cord, Meningeal and Peripheral Nerve Tumors, Chapter 15 in “**Spine and Spinal Cord Tumors - Advances in Classification, Management and Treatment**”, Thieme, New York, 2021
7. Rothrock R, Levi AD: Intradural Extramedullary Spinal Tumors in Adults - Section III - Spinal Cord, Meningeal and Peripheral Nerve Tumors, Chapter 16 in “**Spine and Spinal Cord Tumors - Advances in Classification, Management and Treatment**”, Thieme, New York, 2021
8. Boddu J, Levi AD: Surgery for Intramedullary Spinal Cord Tumors - Section III - Spinal Cord, Meningeal and Peripheral Nerve Tumors, Chapter 32 in “**Spine and Spinal Cord Tumors - Advances in Classification, Management and Treatment**”, Thieme, New York, 2021
9. Jamshidi A, Levi AD: Surgery for Extramedullary Spinal Tumors - Section III - Spinal Cord, Meningeal and Peripheral Nerve Tumors, Chapter 33 in “**Spine and Spinal Cord Tumors - Advances in Classification, Management and Treatment**”, Thieme, New York, 2021
10. Rothrock RJ, Levi AD: Acute Cauda Equina Syndrome in *Acute Care Neurosurgery by Case Management*, Ed Patricia Raskin, Springer Publishing Co, Cham, Switzerland, Ch 2021
11. De Stefano F, Steele WJ, Levi AD: Acute Management of Sport-Related Spinal Cord Injuries in *Neurosurgical Care of Athletes* Ch (Springer Publishing Co, NY), 2021
12. Vedantam A, Levi AD: Human Neural Cell Transplantation for Improved Recovery after Spinal Cord Injury – section – Clinical Applications of Novel Targets and Technologies - *Innovations in Spinal Cord Injury Pain*; (Elsevier, San Diego), Chapter 18, pp 375-383, 2021
13. Levi AD: Preparing for the Oral Board Exam - “*Surviving Neurosurgery*” in Springer Nature Publishing Group, Chapter 39, 2021

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14. Huang M, Manzano GR, **Levi AD**: Meningioma in *Tumors of the Spinal Canal*, Editors - Simon Hanft / Paul McCormick. Springer publishing, Ch 2, 2020, pp 39-51
15. Richardson A, Manzano G, **Levi AD**: Relevant Surgical Anatomy of the Anterior and Lateral Lumbar Spine in *Modern Techniques in Lumbar Interbody Fusion* 1e, Edited by Sunil V. Manjila, MD, Thomas Mroz MD and Michael P. Steinmetz, MD, Elsevier, London, 2019, pp 27-36, Ch 4
16. Ghobrial G, **Levi AD**: Posterior Cervical Foraminotomy. In *Minimally Invasive Spine Surgery Techniques* (ed. Tender G) Springer, Chapter 17, pp 203 - 211. 2018.
17. Kolcun JPG, **Levi AD**: Management of Nerve sheath tumors involving the spine. In **Schmidek & Sweet: Operative Neurosurgical Technique** 7th ed (ed. Elsevier) Chapter 202. Pp 2309-2318, 2017
18. Lau A, **Levi AD**: Anterior Cervical Corpectomy In *Cervical Myelopathy and Radiculopathy: Treatment Approaches and Options* Springer, Chapter 23, pp 271-285, 2019.
19. Saigal R, Gary MF, **Levi AD**: Acute Treatment of Patients with Spinal Cord Injury. In Herkowitz- Rothman and Simeone: *The Spine – 7th edition*. (eds. Garfin SR, Eismont FJ, Bell GR, Fischgrund J, Bono C) Elsevier Science, Chapter 79, pp 1389-1398. 2017.
20. Jermakowicz WJ, Cass SH, **Levi AD**: Spinal Intradural Infections. In Herkowitz- Rothman and Simeone: *The Spine – 7th edition*. (eds. Garfin SR, Eismont FJ, Bell GR, Fischgrund J, Bono C) Elsevier Science, Chapter 91, pp 1641-1657. 2017.
21. Burks SS, Levi AD: Surgical Decompression in Traumatic Spinal Cord Injury: The Importance of Timing in **Neurotrauma and Critical Care of the Spine: 2nd Ed**, Jallo J, Vacarro A, Thieme Medical Publishers, pp 94 – 97, 2018
22. **Levi AD**: Spinal Cord Injury. In *Textbook of Critical Care, – 7th edition*. (eds. Vincent JL, Abraham E, Kochanek PM, Moore LJ, and Fink MP) Elsevier Science, Chapter 57, pp 322 -326, 2017.
23. Burks SS, Levi AD: Fungal Infections of the Spine In **Decision Support in Medicine: Spine Surgery** Eds: Vacarro A, Rihn J, Prasad S, Wang MY, On line Resource
24. Manzano GR, **Levi AD**: Cervical laminoplasty. In **Handbook of Spine Surgery** Eds: A. Baaj, P. Mummaneni et al. Thieme, New York, Chapter 41, pp , 2015
25. Burks SS, Levi AD: CT scans. In **Decision Support in Medicine: Spine Surgery** Eds: Vacarro A, Rihn J, Prasad S, Wang MY, On line Resource

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26. Hayes S, Levi AD: Surgical Exposure of the Lateral Lumbar Spinal Nerves and Plexus In **Sunderland's Nerves and Nerve Injuries**. Eds: Tubbs RS, Rizk E, Shoja M, Loukas M, Spinner RJ. Belzberg, Elsevier, 2014
27. Hayes S, Levi AD: Schwannomas In **MOC Board Review Book**. Eds: A. Belzberg, M Kliot, Thieme pp , 2014
28. Hayes S, Levi AD: Benign Solitary Schwannomas (Neurilmemomas) In **CNS Essential Papers in Neurosurgery - Electronic Book**. Eds: Bendok, Ghogawala, El Tecle, Zager, Asthagiri and Resnick, 2014
29. Singh H, Levi AD: Bone graft and bone substitute biology. In **Spine Surgery Basics** Eds: Patel V, Patel A, Harrop J, Burger E. Spring Publisher, Inc, Chapter 10, pp 147-152 2014.
30. Hood B, Ahmad, Levi AD: Minimally invasive cervical lateral mass fixation. In **Surgical Atlas of Spinal Operations** Eds: Vaccaro A, Eck J. Jaypee Brothers Medical Publishers, pp. 187-192, 2013
31. Woodrow S, Levi AD: Cervical laminoplasty. In **Handbook of Spine Surgery** Eds: A. Baaj, P. Mummaneni et al. Thieme, New York, Chapter 36, pp 251-258, 2012
32. Ahmad F, Levi AD: Nerve sheath tumors involving the spine. In **Techniques in Neurosurgery. 6th Edition**. Ed: Quinones A, Elsevier Publisher, Inc, Chapter 201, pp 2309-2318, 2012.
33. Farhadi, HF, Levi AD: Peripheral nerve grafts and the repair of axonal circuits following spinal cord injury. In **Essentials of Spinal Cord Injury.1st Edition**. Eds: Fehlings M, Boakye M, Vaccaro A, Rossignol S, Ditunno J, Burns. Thieme Medical Publisher, Inc, Chapter 50, pp 568-579, 2012.
34. Benglis D, Levi AD, Wang MY: Hypothermia – Evidence based review. In **Essentials of Spinal Cord Injury.1st Edition**. Eds: Fehlings M, Boakye M, Vaccaro A, Rossignol S, Ditunno J, Burns. Thieme Medical Publisher, Inc, Chapter 24, 291-306, 2012.
35. Woodrow S, Vitarbo EA, Levi AD: Cervical laminoplasty: open door. In **Spine Surgery Techniques, Complication Avoidance, and Management – 3rd edition**. (ed. Benzel EC) Harcourt Health Science, Chapter 221. 2012
36. Wang MY, Levi AD: Minimally invasive cervical fusion. In **Cervical Spine Surgery: Current trends and challenges**, 1st Edition Eds: Mummanemi P, Kanter A, Wang M, Haid R. Quality Medical Publishing Inc, St. Louis, MO. Chapter 28. 2009.
37. Wang MY, Levi AD: Minimally invasive surgery to treat cervical spine trauma. In **Cervical Spine Surgery: Current trends and challenges**, 1st Edition Eds: Mummanemi P, Kanter A, Wang M, Haid R. Quality Medical Publishing Inc, St. Louis, MO. Chapter 32, 2009.

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38. Benglis D, Levi AD: Robotics, FES, brain-computer interfaces, locomotor training strategies. In **Spine and spinal cord trauma: evidence based management**. (eds. Vaccaro AR, Fehlings MG, Dvorak M) Thieme medical publishers, Inc. Chapter 55 pp 534-539, 2010.
39. Hoh DJ, Levi AD, Wang MY: Ossification of the Posterior Longitudinal Ligament and Other Enthesopathies. In **Youman's Neurological Surgery**, 6th Edition Ed: Winn HR, Elsevier, Inc., Philadelphia, Pennsylvania. Vol 3, Chapter 282 pp 2899-2910, 2011.
40. Sheth RN, Manzano G, Levi AD: Post-Traumatic Syringomyelia. In **Cervical Spine Trauma** (eds. Vaccaro, Anderson (co-ed)) Lippincott Williams & Wilkins. Chapter 38 pp 551-558, 2009.
41. Brindle TI, Martinez A, Levi AD, Green BA, Experimental Spinal Cord Injury. In: **Spine Trauma**, AM (eds. AM Levine, FJ Eismont, SR Garfin, JE Zigler) American Academy of Orthopaedic Surgeons, Rosemont, IL, Chapter 11, 2011
42. Manzano G, Sheth RN, Levi AD: The Management of Post-Traumatic Syringomyelia. In **Atlas of Spine Trauma: Adult and Pediatric**. (eds. Kim, Ludwig, Vaccaro (co-eds) Elsevier. Chapter 62, pp 660-665. 2008.
43. Bhatia S, Levi AD: Corpectomy and Anterior Lateral Thoracic and Lumbar Screw Plate Fixation. In **Spinal Cord and Spinal Column Tumors**, (eds. Dickman CA, Fehlings MG, Gokaslan ZL) Thieme, Chapter 36, pp 549-558. 2006
44. Javahary R, Debayle M, Levi AD: Spinal Intradural Infections. In **The Spine – 5th edition**. (ed. Eismont) Elsevier Science, Chapter 81, pp 1368-1381. 2006.
45. Vitarbo EA, Levi AD: Spinal Cord Injury. In **Textbook of Critical Care, – 5th edition**. (eds. Fink MP, Abraham E, Kochanek PM and Vincent JL) Elsevier Science, 2004, Chapter 56, pp 391-397. 2005.
46. Vitarbo EA, Levi AD: Cervical laminoplasty – open door. In **Spine Surgery Techniques, Complication Avoidance, and Management – 2nd edition**. (ed. Benzel EC) Harcourt Health Science, Chapter 166, pp 2103-2112. 2005.
47. Levi AD: Approach to the Patient with Spine Trauma. In **Youmans Neurological Surgery, 5th edition**, (ed. Winn HR) WB Saunders Co., Chapter 313, pp. 4869-4884. 2003.
48. Vitarbo L, Levi AD: Cervical laminectomy and laminoplasty. In **Textbook of Neurological Surgery**. (eds. Bajter H, Loftus C) Lippincott Williams & Wilkins, Chapter 197, pp 2066-2073. 2002
49. Jimenez OF, Levi AD: Acute Injury to the Spinal Cord. In **Manual of Trauma and Emergency Surgery**, (eds. Shatz DV, Kirton OC, Mckenney MG, Civetta JM) WB Saunders Co., Chapter 9, pp. 103-118. 1999.

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50. **Levi AD:** Neurological Syndromes of the Craniovertebral Junction. In *Surgery of the Craniovertebral Junction*, Dickman CA, Sonntag VKH and Spetzler RF, (eds.) Thieme Medical Publishers, New York, Chapter 5, pp. 103-120. 1998.
51. **Levi AD, Sonntag VKH:** Neurosurgical Procedures in Spine Trauma. In *Comprehensive Management of Spine Trauma*, Capen DA, Hays W(eds.) Mosby-yearbook, St. Louis, Chapter 22, pp. 331-344. 1998.
52. **Levi AD, Sonntag VKH:** Pyogenic Vertebral Osteomyelitis. In *Infections of the Central Nervous System*, Osenbach RK, Zeidmann SM (eds.) Lippincott Raven Press, Philadelphia, Chapter 21. pp. 255-261. 1998.

Invited submissions:

1. Eichberg DG, **Levi AD:** Developing action plans for an academic neurosurgery department survival during a COVID-19 pandemic: UHealth Neurosurgery – AANS Neurosurgeon – Fall, 2020
2. **Levi AD:** Current Management Strategies for Spinal Cord Injury – Congress Quarterly – Spring, 2017 edition
3. **Levi AD:** The Early Response – Haitian Crisis – Congress Quarterly – Winter, 2011 edition
4. **Levi AD:** Schwann cells – Congress Quarterly - Winter, 2008 edition

Curriculum Vitae

Levi, Allan M.D., Ph.D.

Juried or refereed journal articles (published): **H-index = 45** (2022)

1. Vedantam A, Jimshelishvili G, Alberga LR, Ahmed FU, Murphy RK, Jackson JB, Rodgers RB, **Levi AD**: A prospective multi-center study comparing the complication profile of modest systemic hypothermia vs normothermia for acute cervical spinal cord injury, *Spinal Cord*, doi: 10.1038/s41393-021-00747-w. Online ahead of print. PMID: 35013548, 2022
2. Bryant, JP, Lu VM, Govindarajan V, Perez-Roman RJ, **Levi AD**: Immunotherapeutic treatments for spinal and peripheral nerve tumors: A primer, *Neurosurg Focus* 52(2):E8. doi:10.3171/2021.11.FOCUS21590.PMID: 35104797, 2022
3. Perez-Roman RJ, Govindarajan V, Levi DJ, Luther E, **Levi AD**: The Declining Incidence of Cervical Spine Surgery in Patients with Rheumatoid Arthritis: A Single Surgeon Series and Review of Literature. *Journal of Neurosurgery – Spine* 1:1-7. doi: 10.3171/2022.2.SPINE226. Online ahead of print. PMID: 35364594, 2022
4. **Levi AD**, Schwab JM: A critical reappraisal of corticospinal tract somatotopy and its role in traumatic cervical spinal cord injury: *J Neurosurg Spine*. 36(4):653-659 doi: 10.3171/2021.7.SPINE 21546. pnt. (**Fig 5 – Journal Front Cover**), PMID: 34767532, 2021
5. Gant KL, Guest JD, Palermo AE, Vedantam A, Jimshelishvili G, Bunge MB, Brooks AE, Anderson KD, Thomas CK, Santamaria AJ, Perez MA, Curiel R, Nash MS, Saraf-Lavi E, Pearse DD, Widerström-Noga E, Khan A, Dietrich WD, **Levi AD**: Phase 1 Safety Trial of Autologous Human Schwann Cell Transplantation in Chronic Spinal Cord Injury, *Neurotrauma*, doi: 10.1089/neu.2020.7590. PMID: 33757304, 2021
6. De Stefano FA, Elarjani T, Burks JD, Burks SS, **Levi AD**: Dose adjustment associated complications of Bone Morphogenetic Protein: A Longitudinal Assessment – *World Neurosurg*. Sep 13:S1878-8750(21)01330-9. doi: 10.1016/j.wneu.2021.08.142. PMID: 34530148, 2021
7. Hurlbert J, **Levi AD**, Fehlings MG: Preface. *Spinal Cord Injury – Section II – Emerging Therapies in Neurosurgery*. *Neurosurg Clin N Am*. Jul;32(3):pp doi: 10.1016/j.nec.2021.04.002. Epub 2021 May 11. PMID: 34053729, 2021
8. Vedantam A, **Levi AD**: Hypothermia for Acute Spinal Cord Injury - *Spinal Cord Injury – Section II – Emerging Therapies in Neurosurgery Clinics of North America*, 32(3):377-387. doi: 10.1016/j.nec.2021.03.009. PMID: 34053725, 2021
9. **Levi AD**, Shaffrey CI, Haid RW, Boden SD, Clarke MJ, Mazur MD: Introduction. *Biologics in Spine Surgery*. *J Neurosurg Focus* – 50(6):E1. doi: 10.3171/2021.3.FOCUS21171.PMID: 3406250, 2021
10. Govindarajan, V, Diaz A, Perez-Roman RJ, Burks SS, Wang M, **Levi AD**: Osteoporosis treatment in patients undergoing spinal fusion surgery: a systematic review and meta-analysis. *J Neurosurg Focus* – 50(6): E9. doi: 10.3171/2021.3.FOCUS2175.PMID: 34062507, 2021

11. Jamshidi AM, Soldozy S, **Levi AD**: Efficacy of Reverse and Modified Bohlman Technique for Lumbar Spondylolisthesis: A Systematic Review of the Literature, *World Neurosurgery* 20213: S1878-8750(21)01835-0. doi: 10.1016/j.wneu.2021.11.124. PMID: 34871805, 2022
12. Burks J, Elarjani TA, Govindrajana V, **Levi AD**: Vertebral multiple myeloma with pathological fracture – the most common etiology for emergency spinal surgery in patients with no cancer diagnosis on admission. *Neurosurg Focus* 50(5):E2. doi: 10.3171/2021.2.FOCUS201038. PMID: 33932927, 2021
13. Rothrock RJ, Lu VM, **Levi AD**: Syring Shunts for Syringomyelia: A systematic review and meta-analysis of syringosubarachnoid, syringoperitoneal, and syringopleural shunting. *J Neurosurg Spine* 30:1-11. doi:10.3171/2020.12.SPINE,201826. PMID: 34330095 Review, (**Fig 6 – Journal Front Cover**), PMID: 29799321, 2021
14. Rothrock RJ, Haldeman C, Shah H, Saraf-Lavi E, Peterson EC, **Levi AD**: The diagnosis and surgical management failed spinal dural AVf embolization. *World Neurosurg*: S1878-8750(21)01131-1. doi: 10.1016/j.wneu.2021.07.122. Online ahead of print. PMID: 34358689, 2021
15. Cajigas I, Davis KC, Meschede-Krasa B, Prins NW, Gallo S, Naeem JA, Palermo A, Wilson A, Guerra S, Parks BA, Zimmerman L, Gant K, **Levi AD**, Dietrich WD, Fisher L, Vanni S, Tauber JM, Garood IC, Abel JH, Brown EN, Ivan M, Prasad A, Jagid J: A Fully Implantable and Portable Brain Computer Interface for at Home Movement Restoration in Spinal Cord Injury. *Brain Communication*. 2021 Oct 21;3(4):fcab248. doi: 10.1093/braincomms/fcab248. eCollection PMID: 34870202, 2021
16. Basil G, Luther E, Burks J, Govindarajana V, Urakov T, Komotar RJ, Wang, MY, **Levi AD**: The Focused Neurosurgical Examination during Telehealth Visits. Guidelines during the Covid-19 Pandemic and Beyond. *Cureus*. 23;13(2):e13503. doi: 10.7759/cureus.13503. PMID: 33786212, 2021
17. Elarjani TA, Basil GW, Urakov T, Wang MY, **Levi AD**: A Single Institution Experience with Proximal Junctional Kyphosis in the Context of Existing Classification Schemes - Systematic Review, *J Clin Neurosci*- 88:150-156. doi: 10.1016/j.jocn.2021.03.031. Epub 2021 Apr 7. PMID: 33992175, 2021
18. Lu VM, Daniels DJ, Spinner RJ, **Levi AD**, Niazi TN: The clinical course and role of surgery in pediatric malignant peripheral nerve sheath tumors: A database study, *J of Neurosurgery - Neurosurg Pediatr*. 2021 Oct 8:1-8. doi: 10.3171/2021.7.PEDS21263. Online ahead of print. PMID: 34624851, 2021
19. Khan A, Diaz A, Brooks A, Burks SS, Athauda G, Wood P, Lee Y-S, Silvera R, Donaldson M, Pressman Y, Anderson KD, Bunge MB, Dietrich WD, Pearse DD, Guest JD, **Levi AD**: Scalable Culture Techniques to Generate Large Numbers of Purified Human Schwann Cells for Clinical Trials in Human Spinal Cord and Peripheral Nerve. *J Neurosurg Spine* Sep 3:1-10. doi: 10.3171/2020.11.SPINE201433..PMID: 34479193, 2021

20. Eichberg DG, Basil GW, Di L, Shah AH, Luther EM, Lu VM, Perez-Dickens M, Komotar RJ, **Levi AD**, Ivan, ME: In reply - Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review. *Neurosurgery* 16:nyab226. doi: 10.1093/neuros/nyab226. PMID: 34133719, 2021
21. Khan A, Bellio MA, Schulman IH, **Levi AD**, Longsomboon B, Brooks A, Valasaki K, DiFede DL, Pujol MV, Yavagal DR, Bates KE, Si MS, Kaushal S, Green BA, Anderson KD, Guest JD, Burks SS, Silvera R, Santamaria AJ, Lalwani A, Dietrich WD, Hare JM: The Interdisciplinary Stem Cell Institutes use of FDA Expanded Access Guidelines to Provide Experimental Cell Therapy to Patients with Rare Serious Diseases, *Frontiers in Cell and Developmental Biology* – 9:675738. doi: 10.3389/fcell.2021.675738, PMID: 34169074, 2021
22. Lu VM, Menendez I, **Levi AD**, Komotar RJ: Letter to the Editor: Lessons to Learn from the Coronavirus (COVID-19) Pandemic for International Medical Graduate Applicants and United States Neurosurgery Residency Programs. *World Neurosurg* 141:571-572. doi: 10.1016/j.wneu.2020.06.202. PMID: 32871735, 2021
23. Burks S, Diaz A, Jose J, **Levi AD**: Ultrasound-Guided Needle Localization Wire for of Distal Stump Localization in Peripheral Nerve Injuries with Long Segmental Defects. *Operative Neurosurg (Hagerstown)*. doi: 10.1093/ons/opaa297. PMID: 33002107, 2020
24. Burks S Diaz A, Haggerty A, Midha R, De La Oliva N, **Levi AD**: Schwann Cell Delivery Via Collagen-enhanced Conduits Improve Outcome from Critical Length Nerve Gap Repairs. *J Neurosurg.* 19:1-11. doi: 10.3171/2020.8. JNS202349. Online ahead of print. PMID: 33607621, 2021
25. Burks S, Diaz A, Fisher R, **Levi AD**: Posterior Surgical Approach for Ventral Cervical Spinal Cord Herniation: 2-Dimensional Operative Video Operative Neurosurgery article 10.1093/onsurg/opaa340 (ONS-D-20-00502), Online ahead of print. PMID: 33372993, 2020
26. Perez-Roman RJ, Burks SS, Debs L, Cajigas I, **Levi AD**: The risk of peripheral nerve tumor biopsy in suspected benign etiologies - doi.org/10.1093/neuros/nyz549, *Neurosurgery*, PMID: 31927583, 2020* (Top paper of the year and peripheral nerve paper of the year) – **awarded by the journal – Neurosurgery**
27. Santamaria AJ, Benavides FD, Saraiva PM, Anderson KD, Khan A, **Levi AD**, Dietrich WD, Guest JD: Progressive motor circuit recovery after cell transplantation in sub-acute complete paraplegia. *Front Neurol.* 2021 Jan 18;11:514181. doi: 10.3389/fneur.2020.514181. eCollection PMID: 33536992, 2020
28. Jamshidi AM, Diaz A, Burks SS, **Levi AD**: Commentary: Genetic events and signaling mechanisms underlying Schwann cell fate in development and cancer. *Neurosurgery.* nyaa501. doi: 10.1093/neuros/nyaa501. Online ahead of print. PMID: 33313806, 2020

29. Lu VM, Burks SS, MD, Heath RN, Wolde T, Spinner RJ, **Levi AD**: Meralgia paresthetica treated by injection, decompression and neurectomy: A systematic review and meta-analysis of pain and operative outcomes. *J Neurosurgery* – doi: 10.3171/2020.7. JNS 202191 PMID: 33450741, 2020
30. Basil G, Eichberg DG, Perez-Dickens M, Menendez I, Ivan, ME, Urakov T, Komotar RJ, Wang, MY, **Levi AD**: Differences Between Neurosurgical Subspecialties in Telehealth Adoption. *World Neurosurgery* – 16:S1878-8750(20)32272-5. doi: 10.1016/j.wneu.2020.10.080. PMID: 33212275, 2020
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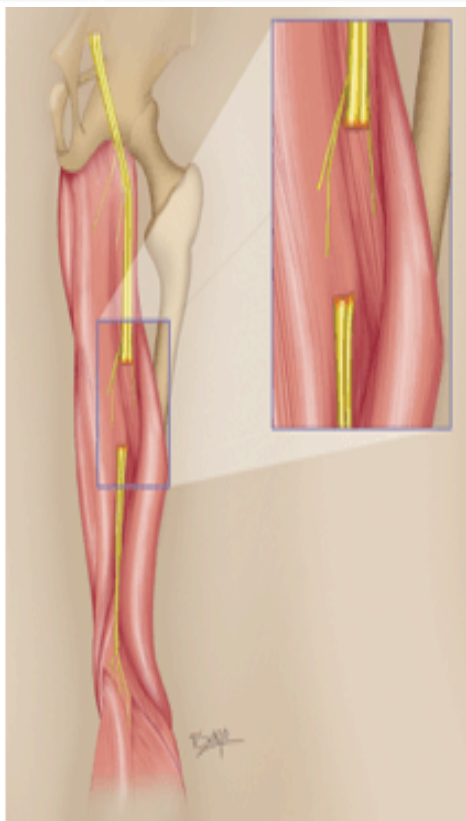
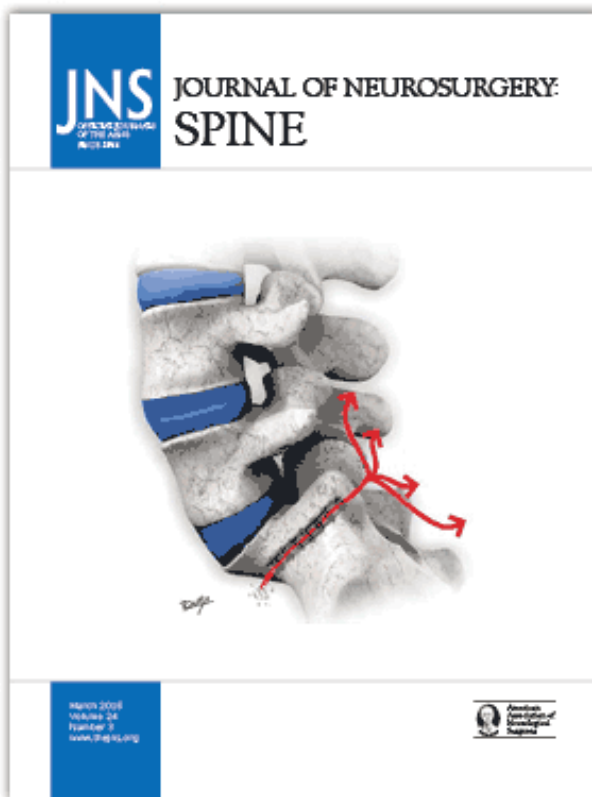
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Other works submitted for publication:

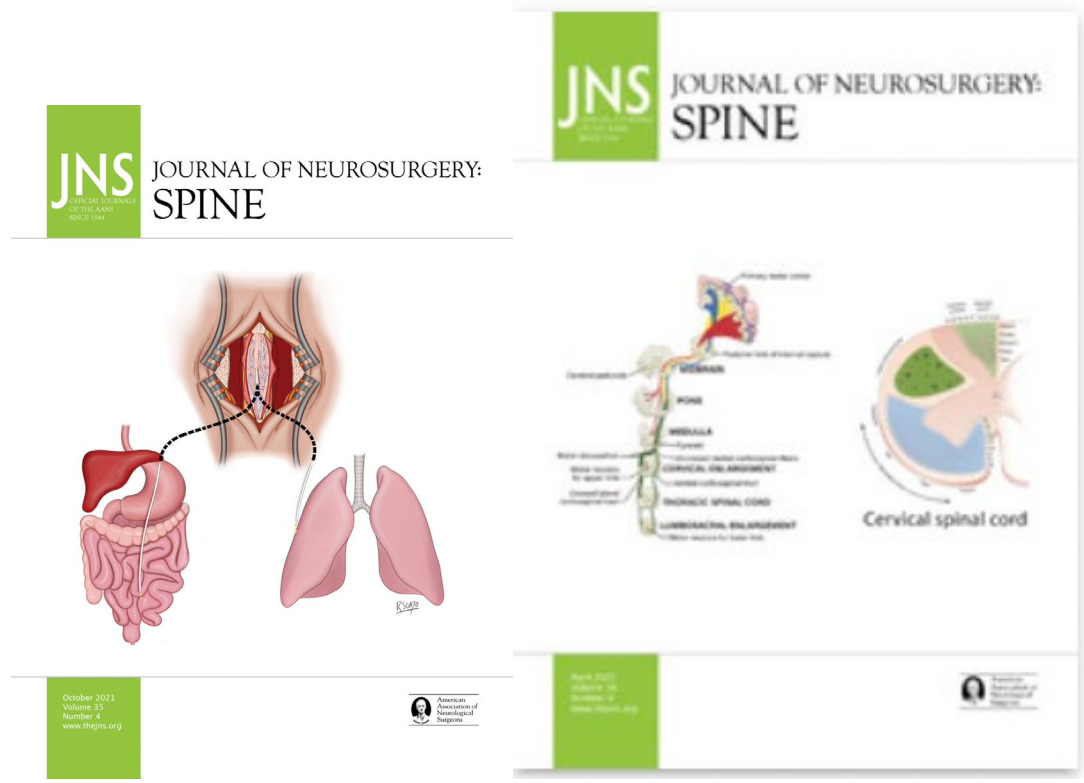
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7. **Levi AD***, Lavelle WF, Florman J, Riew KD: Prospective Randomized 10-Year Trial Results from BRYAN Cervical Disc Arthroplasty versus Anterior Cervical Fusion. CNS 85th annual meeting. San Francisco, CA, October 22, 2019 *(Top paper of the year and peripheral nerve paper of the year) – awarded by the journal – Neurosurgery and presented at CNS meeting)
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- 25. Huhn S, Gage A, Kalsi-Ryan S, Levi AD, Bryce T, Park P, Munin MC**: Motor and Functional Gains Demonstrated in a Dose Escalation Arm of a Phase II Neural Stem Cell Transplantation Study in Cervical Spinal Cord Injury. ISCCR annual meeting. San Francisco, CA, June, 2016
- 26. Chieng LO, Hubbard Z, Salgado C, Levi AD, Chim H**: Reconstruction of open wounds as a complication of spinal surgery with flaps: a systemic review. AANS 83rd annual meeting. Chicago, IL, May 2016
- 27. Burks SS, Cajigas I Jose J, Levi AD**: Intra-operative Imaging in Traumatic Peripheral Nerve Lesions: Correlating Histological Cross Sections with High Resolution Ultrasound. AANS 83rd annual meeting. Chicago, IL, May 2016
- 28. Hofstetter C, Hofer A, Levi AD**: Explorative Meta-analysis on Dose-related Efficacy and Morbidity of Bone Morphogenetic Protein in Spinal Arthrodesis Surgery. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 32nd Annual Meeting, Orlando, FL. March, 2016
- 29. Serak, J, Vanni S, Levi AD**: The Extreme Lateral Approach for Treatment of Thoracic and Lumbar Vertebral Body Metastases. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 32nd Annual Meeting, Orlando, FL Hypothermia for spinal cord injury – a viable option Orlando, FL. March, 2016
- 30. Burks SS, Levi DJ, Hayes S, Levi AD**: Challenges in sciatic nerve repair: Anatomical considerations. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 30th Annual Meeting, Orlando, FL, 2014
- 31. Hood BH, Smith JS, Hamilton DK, Dididze M, Shaffrey CL, Levi AD**: The use of allograft and recombinant human bone morphogenetic protein for instrumented atlanto-axial fusions. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012
- 32. Jagid J, Anderson K, Cardenas D, Dietrich D, Field-Fote E, Levi AD, Nahab F, Thomas C, Sanchez JC**. Emerging Investigational Devices: Fully Implantable Brain-Machine-Body Interfaces for People Living with Spinal Cord Injury. IEEE EMB/CAS/SMC Workshop on Brain-Machine-Body Interfaces, San Diego, 2012

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Levi, Allan M.D., Ph.D.

- 33.** McMahon P, Dididze M, **Levi AD**: Incidental Durotomy After Spinal Surgery – a Prospective Study in an Academic Institution. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012
- 34.** **Levi AD**, Green BA, Dietrich D, Brindle TI, Vanni S, Dididze M, Wang MY: The clinical application of modest hypothermia after spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012
- 35.** Hood B, Didize M, Ross AL, **Levi AD**: The use of BMP and allograft for upper cervical spine fusions. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 27th Annual Meeting, Phoenix, AZ, 2011
- 36.** Cummock M, Green BA, Johnson J, **Levi AD**, Wang M: Modest hypothermia for spinal cord untethering: a historical cohort comparison study. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 26th Annual Meeting, Orlando, FL, 2010
- 37.** **Levi AD**, Cassella G, Wang M, Vanni S, Manzano G: A prospective randomized trial comparing expansile cervical laminoplasty versus cervical laminectomy and fusion for multi-level cervical myelopathy. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 26th Annual Meeting, Orlando, FL, 2010
- 38.** Parr A, Levene H, **Levi AD**: Supraparamagnetic iron oxide nanoparticles for identification of Schwann cells in vivo after transplantation in a porcine model of spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 26th Annual Meeting, Orlando, FL, 2010
- 39.** **Levi AD**, Green BA, Wang MY, Dietrich D, Brindle TI, Vanni S, Casella GT, El Hammaady G, Jagid J: The clinical application of modest hypothermia after spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 25th Annual Meeting, Phoenix, AZ, 2009
- 40.** Levene H, **Levi AD**: Methods of therapeutic cellular injection in to the spinal cord: a literature review. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 25th Annual Meeting, Phoenix, AZ, 2009.
- 41.** Farhat M, **Levi AD**, Aziz-Sultan M: Cervical sub-arachnoid catheter placement for continuous cerebrospinal fluid drainage: as safe and efficacious alternative to the classic lumbar cistern drain. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 25th Annual Meeting, Phoenix, AZ, 2009.
- 42.** Wang MY, Green BA, **Levi AD**, Vanni S, Johnson J, Cummock M: Safety of moderate hypothermia in elective surgery for spinal tumors. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 25th Annual Meeting, Phoenix, AZ, 2009

Curriculum Vitae

Levi, Allan M.D., Ph.D.

- 43. Levi AD, Ross AL, Cuartas JE, Qadir R, Temple T:** Surgical management of peripheral nerve sheath tumors: assessing the risk. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 25th Annual Meeting, Phoenix, AZ, 2009.
- 44. Cummock M, Johnson J, Wang MY, Levi AD, Vanni S, Green BA:** Safety of moderate hypothermia in elective spinal surgery for tumors. *World spine V*, 2009
- 45. Manzano GR, Quintero S, Benglis D, Levi AD, Wang MY, Vanni S:** Early outcomes and complications following minimally invasive lateral lumbar interbody fusion. Congress of Neurological Surgeons, 23rd Annual Meeting, Orlando, FL, 2008.
- 46. Benglis DM, Wang MY, Levi AD:** A comprehensive review of the safety profile of bone morphogenetic protein in spine surgery. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 24th Annual Meeting, Orlando, FL, 2008.
- 47. Berrocal Y, Li X, Lim KT, Panczykowski DM, Levi AD:** Survival and differentiation of human bone marrow derived stem cells transplanted in to the contused spinal cord of the nude rat. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 24th Annual Meeting, Orlando, FL, 2008.
- 48. Bono CM, Grauer J, Rampersaud YR, Levi AD, Vaccaro AR, Dvorak M, Fehlings:** Reliability of sub-axial cervical spine injury radiographic measurements. NASS, 2007
- 49. Bono CM, Grauer J, Rampersaud YR, Levi AD, Vaccaro AR, Dvorak M, Fehlings:** Management and treatment of traumatic spinal cord injuries. AANS – seminar 302, Washington, DC, 2007.
- 50. Manzano G, Green BA, Levi AD:** Contemporary management of intramedullary tumors. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 23rd Annual Meeting, Phoenix, AZ, 2007.
- 51. Rishi S, Martinez G, Li X, Levi AD:** Survival and differentiation of human bone marrow derived stem cells transplanted in to the contused spinal cord of the nude rat. American Association of Neurological Surgeons (AANS), 72nd Annual Meeting, San Francisco, CA – Resident poster – 3rd prize. 2006
- 52. Wang MY, Levi AD, Oh BC:** Minimally invasive lateral mass screw fixation in the cervical spine: initial clinical experience with long term follow-up. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 22nd Annual Meeting, Buena Vista, FL. 2006.
- 53. Levi AD, Hurlbert RJ, Anderson P, Fehlings M, Rampersaud R, Massicotte EM, France JC, Le Huec JC, Hedlund R, Arnold P:** Neurological Deterioration Secondary to Unrecognized Spinal Instability Following Trauma - a Multi-center Study. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 21st Annual Meeting, Phoenix, AZ. 2005.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

54. Navarro R, Javahery R, Eismont F, Arnold DJ, Bhatia NN, Vanni S, **Levi AD**: The use of sternocleidomastoid muscle flap for esophageal fistula repair in anterior cervical spine surgery. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 21st Annual Meeting, Phoenix, AZ. 2005.
55. Tatsui C, Martinez G, Li X, Germain S, Pattany P, **Levi AD**: Evaluation of DuraGen™ in preventing peridural fibrosis in the rabbit: an “*in vivo*” MRI study. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 21st Annual Meeting, Phoenix, AZ. 2005.
56. Banovac K, Williams JM, Patrick LD, **Levi AD**: Prevention of heterotopic ossification with COX-2 inhibitor (Rofecoxib), ASIA meeting, Colorado Springs, CO. 2004.
57. Haq I, Marcillo A, Siqueira EB, Norenberg M, Green BA, **Levi AD**: Post-Operative Fibrosis after Porcine Spinal Cord Surgery: A Comparison of Dural Substitutes. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 20th Annual Meeting, San Diego, CA. 2004.
58. Grijalva I, Li X, Dancausse H, Marcillo A, Salzer J, **Levi AD**: Neurotrimin expression in normal and injured adult human spinal cord. Soc Neurosci Abstr, New Orleans, LA. 2003.
59. Prusmack C, Rochman AS, **Levi AD**: The effect of age on survival following traumatic spinal cord injury. Congress of Neurological Surgeons, Denver, CO. 2003.
60. Wang MY, Green BA, Oh BC, **Levi AD**, Gruen PJ: Minimally invasive cervical expansile laminoplasty: Cadaveric study and initial clinical results. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 19th Annual Meeting, Saddlebrook, Tampa, Florida. 2003.
61. Wang MY, **Levi AD**, Green BA: Open door expansile cervical laminoplasty for the treatment of cervical spondylotic myelopathy. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 19th Annual Meeting, Saddlebrook Resort, Tampa, Florida. 2003.
62. Wang MY, McNatt SA, Leary SP, **Levi AD**, Green BA, Gruen PJ: Resorbable polylactic acid spacers in open door cervical laminoplasty. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 19th Annual Meeting, Saddlebrook, Tampa, Florida. 2003.
63. Wang MY, **Levi AD**, Baskaya M, Coscarella E, Silbert L, Green BA: Canal expansion in relation to spacer height in open door laminoplasty, A cadaveric study with clinical corroboration. Cervical Spine Research Society, Miami. 2002.
64. Wang MY, Guest JD, Coscarella E, Baskaya M, **Levi AD**, Green BA: Minimally invasive cervical expansile laminoplasty: An initial cadaveric study. Cervical Spine Research Society, Miami. 2002.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

- 65.** Wang MY, Shah S, **Levi AD**, Vanni S, Sherman A, Green BA: Lumbar stenosis surgery in the fourth quartile of life. Congress of Neurological Surgeons, Philadelphia. 2002.
- 66.** Wang MY, **Levi AD**, Green BA. Non-traumatic intradural spinal arachnoid cysts in adults. Congress of Neurological Surgeons, Philadelphia. 2002.
- 67.** Wang MY, **Levi AD**, Baskaya M, Coscarella E, Green BA, Guest JD: Minimally invasive cervical expansile laminoplasty: An initial cadaveric study. Congress of Neurological Surgeons, Philadelphia. 2002.
- 68.** Haq I, **Levi AD**, Green BA: Surgical treatment of lesions causing cauda equina syndrome: A study of the factors determining post-operative outcome. Congress of Neurological Surgeons, Philadelphia. 2002.
- 69.** Moza K, Zacur GM, Javahery R, Wang M, Guest JD, Green BA, **Levi AD**: Long term follow-up of patients treated with ACDF utilizing the Atlantis plating system. Congress of Neurological Surgeons, Philadelphia. 2002.
- 70.** Li X, Dancausse H, Li X, Grijalva I, Oliviera M, **Levi AD**: Labeling Schwann cells with CFSE – an in vitro and in vivo study. Soc Neurosci Abstr, Orlando. 2002.
- 71.** **Levi AD**: Peripheral nerve grafts promote central nervous system regeneration after primate spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 17th Annual Meeting, Phoenix, Arizona. 2001.
- 72.** Uribe J, Vanni S, Jagid, J, Guest JD, **Levi AD**: Acute traumatic central cord syndrome: Experience using early surgical decompression with open door expansile cervical laminoplasty. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 17th Annual Meeting, Phoenix, Arizona. 2001.
- 73.** Vanni S, Bhattia S, Belanger E, Freedman A, **Levi AD**: The efficacy of a cervical orthosis with head strap in limiting motion. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 17th Annual Meeting, Phoenix, Arizona. 2001
- 74.** **Levi AD**, Dancausse H, Li X, Duncan S, Horky L, Oliviera M: Primate spinal cord repair using peripheral nerve grafts. Soc Neurosci Abstr; 418-8. 2000.
- 75.** **Levi AD**, Brown M: Surgical management of lumbar disc disease with neurological deficits in pregnancy. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 16th Annual Meeting, Palm Springs, California. 2000.
- 76.** Jimenez O, Green BA, **Levi AD**: Delayed epidural hematomas after spinal surgery. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 16th Annual Meeting, Palm Springs, California. 2000.

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Levi, Allan M.D., Ph.D.

77. Choi WW, Green BA, **Levi AD**: Computer assisted fluoroscopic targeting system for pedicle screw insertion. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 16th Annual Meeting, Palm Springs, California. 2000.
78. Belanger E, Lacerte D, Picard C, Lavallee P, **Levi AD**: Sub-acute progressive ascending myelopathy after spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 16th Annual Meeting, Palm Springs, California. 2000
79. Choi WW, Green BA, **Levi AD**: Computer assisted fluoroscopic targeting system for pedicle screw insertion. The 49th Annual Meeting of the Congress of Neurological Surgeons, Boston. 2000.
80. Li X, Dancausse H, Oudega M, **Levi AD**: The effect of methylprednisolone on apoptotic cell death after rat spinal cord transection. Soc Neurosci Abstr; 704-12. 1999.
81. **Levi AD**, Emery E, Aldana P, Bunge MB, Puckett W, Srinivasan A, Keane RW, Bethea J: Apoptosis after traumatic human spinal cord injury. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 15th Annual Meeting, Orlando, Florida. 1999.
82. Emery E, Li X, Brunschwig JP, Olson L, **Levi AD**: Assessment of the malignant potential of mitogen stimulated human Schwann cells. Soc Neurosci Abstr; 27:1. 1998.
83. Emery E, Aldana P, Bunge MB, Puckett W, Srinivasan A, Keane RW, Bethea J, **Levi AD**: Apoptosis after traumatic human spinal cord injury. Soc Neurosci Abstr; 27:614.10. 1998.
84. **Levi AD**: A Histopathological Analysis of the Lower Cervical Spinal Cord in Patients with Acute Traumatic Central Cord Syndrome. Joint Section on Disorders of the Spine and Peripheral Nerves. (AANS/CNS) 14th Annual Meeting, Rancho Mirage, California. 1998.
85. Jimenez O, **Levi AD**: A histopathological analysis of the lower cervical spinal cord in patients with acute traumatic Central Cord Syndrome. The 47th Annual Meeting of the Congress of Neurological Surgeons, New Orleans. 1997.
86. Razack N, Manzano GR, **Levi AD**, Green BA: Management of bilateral cervical facet dislocation with anterior fusion using Morscher titanium plates. The 47th Annual Meeting of the Congress of Neurological Surgeons, New Orleans. 1997.
87. **Levi AD**, Dickman CA, Sonntag VKH: The management of post-operative infections after spinal instrumentation. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS) 13th Annual Meeting, Newport Beach, California. 1997.
88. **Levi AD**, Sonntag VKH, Dickman C, Li R-H, Mather J, Cordoba S, Bichard B, Berens M: The role of cultured Schwann cell grafts in the repair of gaps within the peripheral nervous system of primates. 11th Annual NASS Meeting, Vancouver, Canada. 1996.

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Levi, Allan M.D., Ph.D.

- 89. Levi AD, Sonntag VKH, Dickman C, Li R-H, Mather J, Cordoba S, Bichard B, Berens M:** The role of cultured Schwann cell grafts in the repair of gaps within the peripheral nervous system of primates. The 46th Annual Meeting of the Congress of Neurological Surgeons, Montreal, Canada. 1996.
- 90. Levi AD, Sliwowski MX, Lofgren J, Hefti F, Bunge RP:** The influence of heregulins of human Schwann cell proliferation. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS) 11th Annual Meeting, Phoenix Arizona. 1995.
- 91. Levi AD, Sliwowski MX, Lofgren J, Hefti F, Bunge RP:** The influence of heregulins on human Schwann cell proliferation 3rd International Symposium on Neurotrauma, Toronto, Canada. 1995.
- 92. Levi AD, Bunge RP:** Human Schwann cell function studied in the SCID mouse: A comparison of cells prepared in tissue culture with Schwann cells presented within xenografts. Joint Section on disorders of the Spine and Peripheral Nerves (AANS/CNS) 10th Annual Meeting, Ft. Lauderdale, Florida. 1994.
- 93. Levi AD, Sliwowski MX, Lofgren J, Hefti F, Bunge RP:** The influence of heregulins on human Schwann cell proliferation. Soc Neurosci Abstr; 20:299.11. 1994.
- 94. Morissey TK, Levi AD, Neijens A, Sliwowski MX, Bunge RP:** Axon induced mitogenesis of human Schwann cells involves heregulin and the p185^{erbB2} receptor. Soc Neurosci Abstr 20:299.10. 1994.
- 95. Levi AD, Guenard V, Aebischer P, Bunge RP:** The functional characteristics of purified cultured human Schwann cells studied *in vivo*. Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS) 9th Annual Meeting, Tuscon, Arizona. 1993.
- 96. Levi AD, Guenard V, Aebischer P, Bunge RP:** The functional characteristics of purified populations of cultured human Schwann cells studied *in vivo*. Soc Neurosci Abstr 18:407.4. 1992
- 97. Levi AD, Tsang BK, Downey BR:** Calcium and the regulation of thecal androgen production. Canadian investigators in reproduction-scientific session. Society of Obstetricians and Gynecologists of Canada. Fortieth Annual Meeting in Montreal p. 11. 1984.

Curriculum Vitae
Levi, Allan M.D., Ph.D.

PROFESSIONAL

FDA approved trials

1. PI – The safety of autologous human Schwann cells (ahSCs) in subjects with sub-acute thoracic spinal cord injury IND # 14856.10
2. PI -Autologous human Schwann Cells (ahSC) - Amendment for Expanded Access of IND 14856 for Peripheral Nerve Injury IND # 14856.10
3. Site PI – multicenter FDA sponsored study – Stem Cells Inc – A single-blind, randomized, parallel arm, phase II proof of concept study of safety and efficacy of Hu-CNS-SC transplantation in cervical SCI

Funded Research Performed:

Active:

- | | |
|-----------------|--|
| 02/19 – present | <p>Sponsor: NIH / NINDS
 Topic: Schwann cell delivery via enhanced collagen-glycosaminoglycan tubes to improve outcome from critical length nerve gap repairs
 Contract Number: R21 NS111334-01
 PI: Dr. A. Levi
 Percent Effort: 15 %
 Amount of Grant: \$422,125</p> |
| 08/18 – present | <p>Sponsor: NIH / NINDS
 Topic: The University of Miami Neurosurgery eEducation Strategy (UMINDS)
 Contract Number: R25 NS108937-01
 PI: Dr. A. Levi
 Percent Effort: 15 %
 Amount of Grant: \$239,609</p> |
| 4/16 - present | <p>Sponsor: Department of Defense (DOD)
 Topic: Systemic Hypothermia in Acute Cervical Spinal Cord Injury – A Prospective Case Controlled Study
 IRB /FDA approved
 PI: Dr. A. Levi
 Percent Effort: 10 %
 Amount of Grant: \$ 1,788,716</p> |

Curriculum Vitae
Levi, Allan M.D., Ph.D.

Past:

- 10/14 – 06/17 Sponsor: Stem Cells Inc
Topic: A single-blind, randomized, parallel arm, phase II proof of concept study of safety and efficacy of Hu-CNS-SC transplantation in cervical SCI
[IRB /FDA approved](#)
Percent Effort: 10 %
PI: Dr. A. Levi
Amount of Grant: \$ 309,675
- 09/03 – 10/15 Sponsor: Medtronic Sofamor Danek
Topic: Study of the Bryan™ Cervical Disc Prosthesis in the Treatment of Degenerative Disc Disease – Pivotal IDE Study –
[IRB approved](#)
Percent Effort: 20 %
PI: Dr. A. Levi
Amount of Grant: \$85,550
- 05/09 – 07/12 Sponsor: NIH / NINDS
Topic: Transplantation of autologous Schwann cells for the repair of segmental peripheral nerve defects.
Contract Number R21-NS-063084-01A1
PI: Dr. A. Levi
Percent Effort: 15 %
Amount of Grant: \$420,750
- 06/07 – 05/09 Sponsor: NIH / NINDS
Topic: 1. Facilities of Research for Spinal Cord Injury - Outreach; Contract Number N01-NS-3-2351 2. Facilities of Research for Spinal Cord Injury - Replication Studies; Contract Number N01-NS-3-2352
Co-PI: Dr. A. Levi
Percent Effort: 2 %
Amount of Grant: \$17,405
- 06/07 – 06/08 Sponsor: State of Florida
Topic: Autologous Schwann cell transplantation within a NeuraGen tube for peripheral nerve repair in the rat
PI: Dr. A. Levi - [IACUC approved](#)
Percent Effort: 10 %
Amount of Grant: \$77,155 annual

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- 05/06 – 05/08 Sponsor: Integra
 Topic: Randomized controlled trial of Duragen Plus adhesion barrier matrix to minimize adhesions following lumbar discectomy
[IRB approved](#)
PI: Dr. A. Levi
Percent Effort: 10 %
Amount of Grant: \$164,380
- 11/07 – 06/08 Sponsor: NFL Charities
 Topic: Therapeutic hypothermia following severe spinal cord injury – [IRB approved](#)
PI: Dr. A. Levi
Percent Effort: 5 %
Amount of Grant: \$ 112, 719
- 05/04 – 06/06 Sponsor: Integra
 Topic: Quantification of post-operative fibrosis after laminectomy in the rabbit – [IACUC approved](#)
PI: Dr. A. Levi
Percent Effort: 10 %
Amount of Grant: \$53,130
- 06/03 – 06/06 Sponsor: Peacock Foundation
 Topic: Regeneration research
PI: Dr. A. Levi
Amount of Grant: \$50,000 / year x 3 years
- 09/02-01/10 Sponsor: Medtronic Sofamor Danek
 Topic: Long term follow-up of patients treated with ACDF utilizing the Atlantis plating system - [IRB approved](#)
PI: Dr. A. Levi
Amount of Grant: \$16,000
- 07/98-06/03 **Sponsor:** National Institute of Health (NIH),
 Department of Health and Human Services, and the Miami Project to Cure Paralysis.
Topic: Cytological Studies of Developing and Mature Neurons
PI: Dr. M. Bunge
Co-Investigator (10% Effort)
Amount of Grant: \$1,542,562
- 01/97 - 01/02 **Sponsor:** Health Foundation of South Florida
Topic: 1. Primate spinal cord repair using peripheral nerve grafts.
 2. Characterization of human Schwann cells prepared in cell culture after stimulation with growth factors.
PI: Dr. A. Levi
Amount of Grant: \$1,000,000

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Levi, Allan M.D., Ph.D.

- 10/95-12/96 **Sponsor:** North American Spine Society and the Barrow Neurological Institute.
Topic: The role of cultured Schwann cell grafts in the repair of gaps within the peripheral nervous system of primates.
PI: Dr. A. Levi
Amount of Grant: \$50,000
- 07/91-6/94 **Sponsor:** Medical Research Council (MRC) of Canada. (Post-doctoral fellowship).
Topic: 1. Studies on the storage and proliferation of cultured human Schwann cells with observations on their capacity to myelinate regenerating rodent axons *in vivo*.
2. Stored peripheral nerve grafts: an *in vitro* assay of cell survival and function.
PI: Dr. A. Levi
- 05/83-08/84 **Sponsor:** Medical Research Council (MRC) of Canada. The Ottawa Civic Hospital Research Grant. (Summer Student Scholarship).
Location: Reproductive Endocrinology laboratory, Dept. of Obstetrics and Gynecology. The Ottawa Civic Hospital, University of Ottawa.
Topic: The role of the calcium-calmodulin system in the regulation of ovarian theca cell steroidogenesis.
PI: Dr. BK Tsang

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Levi, Allan M.D., Ph.D.

17. Editorial responsibilities:

NEUROSURGERY – Peripheral Nerve section – editorial assistant

Journal of Neurosurgery Focus – Lead editor – Biologics and Spine fusion – Allan D. Levi (lead), Regis Haid, Chris Shaffrey and Scott Boden and back up reviewers – Michelle Clarke and Marcus Mazur

Ad hoc reviewer

Glia	Journal of Neurosurgery
Neurosurgery	Nature Communications
The Spine Journal	Journal of Neurotrauma
Neurosurgical Focus	Neuroscience Methods
Experimental Neurology	Spinal Cord
NEJM	The Journal of Neuroscience

18. Professional and Honorary Organizations:

Congress of Neurological Surgeons - 1987

American Association of Neurological Surgeons - 1987

Florida Medical Association - 1993

Joint Section of Spine and Peripheral Nerve Disorders - 1993

Society for Neuroscience - 1994

Royal College of Physicians and Surgeons of Ontario - 1995

North American Spine Society – 1996

Society of Neurological Surgeons (Senior Society) – 2007**American Academy of Neurological Surgeons – 2010 (Senior member)****Society of University Neurosurgeons - 2017**

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Levi, Allan M.D., Ph.D.

19. Honors and Awards:

- 05/80 **Dean's Honor List**
Faculty of Science and Engineering
University of Ottawa
- 05/82 **B.Sc. Biology with Cum Laude Honors**
University of Ottawa
- 1983 **Association of Professors of the University of Ottawa (APUO)**
Scholarship
- 1985 **Medical school class president – 3 rd Year**
University of Ottawa
- 06/86 **M.D. with Magna Cum Laude Honors**
University of Ottawa
- 02/90 **Morley Neurosurgical Resident Prize-2nd place for research paper**
presentation
Keith Lectureship, University of Toronto
- 02/93 **Morley Neurosurgical Resident Prize-1st Place for research paper**
presentation Keith Lectureship, University of Toronto
- 02/93 **Mayfield Award - Basic Science, from the Joint Section on Disorders of**
the Spine and Peripheral Nerve (AANS/CNS)
- 06/93 **McKenzie Award - Best resident research presentation for a**
neurosurgical resident in Canada
- 05/94 **Gallie-Bateman Competitor Finalist, Division of Surgery, University of**
Toronto
- 07 - 21 **Americas Best Doctors® list**
- 03/15 **Induction into the University of Miami – “Iron Arrow” society**
- 10/19 **The Congress of Neurological Surgeons (CNS) Top Paper of the Year**
and Spine Section Paper of the Year - 2019
- 10/20 **The Congress of Neurological Surgeons (CNS) Top Paper of the Year**
and Peripheral Nerve Paper of the Year – 2020
- 03/22 **Peripheral Nerve honored guest – Joint Section on Disorders of the**
Spine and Peripheral Nerve (AANS/CNS)

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20. Post-Doctoral Fellowships:

10/95-12/96

Supervisors: Dr. M. Berens, Dr. C. Dickman, Dr. V. Sonntag.
Sponsor: North American Spine Society and the Barrow
Neurological Institute.

Topic: The role of cultured Schwann cell grafts in the repair of gaps
within the peripheral nervous system of primates.

07/91-6/94

Degree: Doctor of Philosophy (Ph.D)

Supervisor: Dr. R.P. Bunge

Sponsor: Post-doctoral fellowship from the Medical
Research Council of Canada.

Topic: 1. Studies on the storage and proliferation of cultured
human Schwann cells with observations on their capacity to
myelinate regenerating rodent axons *in vivo*.

2. Stored peripheral nerve grafts: an *in vitro* assay of cell survival
and function.

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21a. Visiting Professor

April 25, 2003, Bogota, COLUMBIA – **Universidad Javeriana** – Hospital Universitario de San Ignacio, Department of Neurosurgery. Topics 1. Thoracolumbar trauma 2. What is new in cervical spine surgery 3. Miami Project

January 13-14, 2005, Tampa, FL – **University of Southern Florida** - Department of Neurosurgery – Topic – Spine Trauma.

February 9-10, 2006, Irvine, CA – **University of Irvine / California** - Department of Orthopedics / Reeve-Irvine Spinal Cord Research Center – Topic – Unrecognized instability after spine trauma / Human Schwann cell autotransplantation.

May 23-24, 2006, Indianapolis, IN – **University of Indiana** - Department of Neurosurgery – Topic – Unrecognized instability after spine trauma / peripheral nerve surgery / intramedullary spinal cord tumors.

Sept 13-14, 2006, Ottawa, ON – **University of Ottawa** – Division of Neurosurgery – Topic – Spinal cord injury trials /Unrecognized instability after spine trauma / Intramedullary spinal cord tumors.

May 6-7, 2009, Buffalo, NY– **University of Buffalo** – Department of Neurosurgery – Topic – The clinical application of modest hypothermia after acute cervical spinal cord injury. Unrecognized instability after spine trauma / Intramedullary spinal cord tumors.

November 10-11, 2009, Houston, TX– **Baylor College of Medicine / MD Anderson** – Department of Neurosurgery – Topic – The clinical application of modest hypothermia after acute cervical spinal cord injury. Intramedullary spinal cord tumors.

July 7-8, 2010, Charleston, SC – **Medical University of South Carolina**– Department of Neurosurgery – Topic – The clinical application of modest hypothermia after acute cervical spinal cord injury. Oral Board course.

September 5, 2010, Ann Arbor MI – **University of Michigan**– Departments of Neurology/Neurosurgery – Topic – A Re-appraisal of corticospinal tract anatomy and function after spinal cord injury

January 25, 2013, Palo Alto, Ca – **Stanford University** – Departments of Neurology/Neurosurgery – Topic – 1. A Re-appraisal of corticospinal tract anatomy and function after spinal cord injury. 2. Therapeutic hypothermia for SCI 3. Autologous SC transplantation for SCI

Sept 9, 2013. **Seoul, Korea - Catholic University** - Cell transplantation strategies after SCI.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

January 16-17, 2014, Irvine, CA – **University of Irvine / California** - Department of Neurosurgery / Reeve-Irvine Spinal Cord Research Center – Topic – Novel treatment strategies in acute spinal cord injury.

September 25/26, 2014, Philadelphia, PA – **Thomas Jefferson University** - Department of Neurosurgery – Topic – Novel treatment strategies in acute spinal cord injury.

May 11-12, 2016, **Mayo clinic**, Rochester, MN – Department of Neurosurgery – Topic – Novel treatment strategies in acute spinal cord injury.

December 8-11, 2016, **University of Calgary**, Alberta – Department of Neurosurgery / Neuroscience – Topic – Novel treatment strategies in acute spinal cord injury.

December 6/7, 2017, **John Hopkins University**, Baltimore – Department of Neurosurgery – Topic – Novel treatment strategies in acute spinal cord injury.

June 14-16, 2018, **University of Vermont**, Burlington – Department of Neurosurgery – UVM Donaghy Lectureship - Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

Sept 12, 2018, **Brigham and Women's Hospital / Harvard** – Division of Neurosurgery – Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

Feb 14-16, 2019, **Barrow Neurological Institute** – Department of Neurosurgery - Sally Harrington Goldwater Visiting Professor – Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

March 28/29, 2019, **North Western University**, Chicago – Department of Neurosurgery – Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

April 4/5, 2019, **New York University**, New York – Department of Neurosurgery – Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

May 30, 2019, **University of Toronto** – Combined Sunnybrook Health Science center / Toronto Rehabilitation Institute (Jousse Lectureship) - Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

October 10-11, 2019, **Cleveland Clinic**, Cleveland, OH – Department of Neurosurgery – Charles Locke lectureship - Topic – Novel treatment strategies in acute spinal cord injury.

January 13, 2020, **Weill Cornell Medical College**, New York – Department of Neurosurgery – Topic – Novel treatment strategies in spinal cord and peripheral nerve injury.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

May 22, 2020, **Mayo Clinic Scottsdale**, Phoenix, AZ (Virtual), Department of Neurosurgery – Topic – Spinal cord injury – Virtual

January 27, 2021, **University of Ottawa**, Ottawa, ON – Division of Neurosurgery/Dept of Surgery – Michael T Richard visiting professor Topic – A Roadmap for Academic Promotion in the Surgical Disciplines / Spinal Intradural pathology – Virtual

December 2, 2021, **Swedish Neuroscience Institute (SSF)**, Seattle, WA – Dept of Clinical Neuroscience– Topic – Spinal cord injury / CST tract – Virtual

March 4, 2022, **University of Toronto**, Toronto, Ontario– “Around the World Lecture Series Topic” – A critical re-appraisal of corticospinal tract somatotopy – Virtual

September 12, 2022, **Mayo Clinic Jacksonville**, Jacksonville, FL – A critical re-appraisal of corticospinal tract somatotopy and its implications after spinal cord injury – Virtual

Curriculum Vitae

Levi, Allan M.D., Ph.D.

21b. Honored Guest

June 25-30, 1996, London, Ontario, The 31st Meeting of the **Canadian Congress of Neurological Sciences**. **Topic:** Surgery of the Occipitocervical Junction.

October 17-20, 1996, Barcelona, SPAIN, The **7th Multiple Sclerosis Workshop**: Topic: Biosynthesis of Myelin-Consequences for Remyelination Strategies. Peripheral Remyelination-Schwann Cells.

October 22-24, 1997, Osaka, JAPAN, The **56th Annual Meeting of the Japan Neurosurgical Society**. Topic 1: The management of postoperative infections after spinal instrumentation. Topic 2: Therapy to ameliorate functional deficits of spinal cord injury.

November 12, 1999, Rio de Janeiro, BRAZIL, **VI Congresso Multidisciplinar Clinica Sao Vicente**. Topic Spinal Trauma – Research at the Miami Project to Cure Paralysis

November 5-6, 2003, New Orleans, LA – **Tulane University** – Gene Therapy Consortium / Neurosurgery – Topic - Human spinal cord injury - Practical considerations in establishing a transplantation protocol.

September 18-20, 2003, Gyeongju, KOREA – **4TH biennial Korea-Japan Conference on Spinal Surgery**. Topics: What is new in cervical spine surgery, Miami Project.

September 4-9, 2004, Goiania, BRAZIL – **XXV Brazilian Congress of Neurosurgery**. Topics: Cervical spondylosis – anterior approaches. Neuro-regeneration – Miami Project.

December 3-5, 2005, Cartagena, COLUMBIA – **20TH annual International symposium in Neurosurgery** – Association of Columbian Neurosurgeons. Topics: Neurotransplantation for SCI, Anterior/posterior approaches to the cervical spine, Management of thoracolumbar trauma.

May 11, 2007, Buenos Aires, ARGENTINA – **V Simposio de Neurociencias FLENI** – Topics. 1. Intramedullary tumors 2. What is “new” in spine surgery 3. Laminoplasty 4. Syringomyelia.

May 7-8, 2009, Toronto, Ontario- **Trillium Hospital** – Department of Neurosurgery / Orthopedics Spine center. Topic – The clinical application of modest hypothermia after acute cervical spinal cord injury / Intramedullary spinal cord and peripheral nerve tumors

October 2, 2010, Santa Barbara, CA. **Saving the Brain, 3rd Annual Neuroscience Symposium of the Central Coast**. **Topic:** The clinical application of modest intravascular hypothermia after acute cervical spinal cord injury

February 20, 2012, Miami, FL, **American Society of Spine Radiology**. Evolving concepts in the management of the spine injured patient. Honored guest

Curriculum Vitae

Levi, Allan M.D., Ph.D.

May 13, 2015, **Current advances in SCI research symposium**, Topic: Clinical translational strategies for SCI, Newark, New Jersey – 5th annual symposium

August 15, 2015 – The Breakers, West Palm Beach, FL, **Florida Neurosurgical Society** – The Lyerly Lecturer – 57th annual meeting – Clinical translational strategies for SCI

October 16, 2015 – New treatment paradigms in SCI, **Acute Care in Neurotrauma Symposium**, Indianapolis, IN

December 4-6, 2015 – The Ritz Carlton, Greensboro, GA, Georgia Neurosurgical Society – Honored guest of the **Georgia Neurosurgical Society** – 15th bi-annual meeting – Clinical translational strategies for SCI / Intramedullary spinal cord and peripheral nerve tumors.

Aug 31-Sept 1, 2017, Porte Alegre, BRAZIL – **NeuroSul 2017** Topics: Stem cells, SCI research, cervical spondylosis – posterior approaches. Neuro-regeneration – Miami Project.

Oct 12, 2018, St. Michael's Hospital, Toronto. **95th anniversary of Neurosurgery in Canada**. Topics: Spine / UM Neurosurgery / The Miami Project

February 22, 2019, Miami, FL, **American Society of Spine Radiology**. New Treatment paradigms in spinal cord injury. Honored guest

April 17, 2019, **Kline lectureship**, The Biology of the human Schwann cell – Bench to Bedside, San Diego, American Association of Neurological Surgeons – 87th annual meeting

December 13-14, 2019, **5th International Spinal Cord Repair Meeting (ISCORE'19)**, Barcelona, Spain, New Treatment paradigms in spinal cord injury. Honored guest

May 21, 2020, Virtual (Chicago, IL) Treatment of spinal column and cord injury during the covid-19 pandemic, **Northwestern Symposium, Beyond 2020: current and future treatment of spinal column and cord injury**. Honored guest

October 18, 2021, **Tator lectureship** – section on neurotrauma and critical care. Advances in Spinal Cord Injury care, Austin, TX, Congress of Neurological Surgeons annual meeting

March 22, 2022, **Peripheral Nerve honored guest** – Joint Section of Disorders of the Spine and Peripheral Nerve, Las Vegas, NV

Curriculum Vitae

Levi, Allan M.D., Ph.D.

22. Invited Speaker:

January 31 - February 8, 1997, Chicago, Illinois, Review Course in Neurological Surgery: The National Center for Advanced Medical Education. Topic: Spinal Cord Injuries.

July 6-11, 1997, Amsterdam, HOLLAND, International Congress of Neurological Surgery. Topic: Transplantation and regeneration after spinal cord injuries.

November 22, 1997, Fort Lauderdale, FL, The Scoliosis Association's 1997 Spine Conference. Topic: Complications of Spinal Surgery.

February 6, 1998, Chicago, IL, The National Center for Advanced Medical Education: Review Course in Neurological Surgery. Topic: Spinal Cord Injuries.

July, 1998, Miami, I Pan American Neurosurgical course: Topics: Spinal fractures, Spinal cord injury, Cervical and Lumbar spondylosis. Director of spinal instrumentation work shop.

October 3, 1998, Seattle, WA, Congress of Neurological Surgeons. Topic: Cervical Spine Instrumentation.

October 5, 1998, Seattle, WA, Congress of Neurological Surgeons. Topic: Acute Spinal Cord Injury.

February 5, 1999, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

July 7-11, 1999, Miami, II Pan American Neurosurgical course: Topics: Spinal fractures, Spinal cord injury, Cervical and Lumbar spondylosis. Director of spinal instrumentation work shop.

October 30, 1999, Boston, MA. Congress of Neurological Surgeons. Topic: Cervical Spine Stabilization.

November 2, 1999, Seattle, WA. Congress of Neurological Surgeons. Topic: Thoracolumbar Fractures.

November 14-15, 1999, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 4, 2000, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

February 11-13, 2000, New Haven, CN, Yale Myelin Conference sponsored by the Myelin Project.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

February 21, 2000, Marco Island, FL, Spinal Fractures: Perspectives on instability and indications for surgery. 3rd Annual Symposium of the American Society of Spine Radiology

February 24, 2000, Palm Springs, California, Spinal Cord Injury: Update on Management and Future Directions, Joint Section on Disorders of the Spine and Peripheral Nerves.

July 12-16, 2000, Miami, III Pan American Neurosurgical course: Topics: Spinal fractures, Cervical and Lumbar spondylosis. Director of spinal instrumentation work shop.

November 4-6, 2000, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 4, 2001, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

March 13, 2001, St. Petersburg, FL, Florida Spine Study Group Topic: Thoracic Pedicle Screws: Indications and techniques.

April 6-7 2001, Phoenix, AZ, Depuy Acromed Surgical Champion Summit: Thoracic Pedicle Screws versus Hooks.

April 25, 2001, Toronto, Canada. American Association of Neurological Surgeons - 70th annual meeting. Topic: Spinal cord injury – contemporary management.

May 27-28, 2001, Savannah, GA. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

October 1, 2001, San Diego, CA. Congress of Neurological Surgeons. Topic: Thoracolumbar Fractures.

October 22, 2001, La Crosse, WI - Gundersen Lutheran Clinic - Topic: Spinal cord injury, Thoracic pedicle screws.

November 3-5, 2001, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 8, 2002, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

April 6, 2002, Chicago, IL. American Association of Neurological Surgeons - 71st annual meeting. Topic: Post-traumatic syringomyelia and spinal cord tethering.

May 25-27, 2002, Hartford, CT. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

September 21, 2002, Philadelphia, PA. Congress of Neurological Surgeons. Topic: Cervical Spine Stabilization.

September 23, 2002, Philadelphia, PA. Congress of Neurological Surgeons. Topic: Thoracolumbar Fractures.

November 9-11, 2002, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

January 31, 2003, Miami Beach, FL. Neurological update. Topic: The role of surgery in peripheral nerve lesions.

February 7, 2003, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

May 11-12, 2003, Cincinnati, OH. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

May 15-17, 2003, Colorado Springs, CO. Cervical Spine Study Group annual meeting for residents. Topic: Cervical laminectomy, cervical laminoplasty, cervical laminectomy and fusion.

November 9-11, 2003, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 6, 2004, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries.

May 1, 2004, Orlando, FL. AANS Professional Development Program - Decision Making in Neurosurgery: An Interactive Review by Case Management

May 17-18, 2004, New Orleans, LA. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

November 6-8, 2004, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

January 26, 2005, Miami Beach, FL. Neurological update. Topic: What is “new” in spine surgery?

February 3, 2005, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries

May 21-23, 2005, St. Louis, MO. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

November 5-7, 2005, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 3, 2006, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries

March 18, 2006, Buena Vista, FL. Joint spine Section meeting - Board Review of Spine Surgery and Peripheral Nerve Topic: Spine and peripheral nerve cases.

May 7-9, 2006, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

November 6,7, 2006, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 1, 2007, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries

February 25, 2007, Atlanta, GA. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management.

March 10, 2007, Phoenix, AZ. Board Review of Spine Surgery and Peripheral Nerve Topic: Spine and peripheral nerve cases.

May 20-21, 2007, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

Nov 4-5, 2007, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 2, 2008, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries

February 20, 2008, Houston, TX. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

February 27, 2008, Orlando, FL. Topic: Thoracolumbar Fractures. Joint Section on Disorders of the Spine and Peripheral Nerves.

April 26, 2008, Chicago, IL. American Association of Neurological Surgeons. Topic: Management of Cervical Spine Deformity.

May 25-27, 2008, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

Curriculum Vitae

Levi, Allan M.D., Ph.D.

Nov 9-11, 2008, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

February 5, 2009, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non tumor spine

February 15, 2009, Scottsdale, AZ. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

May 3, 2009, San Diego, CA. American Association of Neurological Surgeons. Topic: Management of Cervical Spine Deformity. Biologics.

May 24-26, 2009, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

Aug 31- Sept 1, 2009. Boston, MA. WFNS. 1. Lumbar fusion techniques 2. New perspectives in peripheral nerve trauma

October 29, 2009, New Orleans, LA. Congress of Neurological Surgeons. Topic: Anterior vs. posterior techniques for cervical radiculopathy

October 29, 2009, New Orleans, LA. Congress of Neurological Surgeons. Topic: Human SCI trials

November 4-6, 2009, West Palm Beach, FL. American Academy of Neurosurgeons. Topic: The technique and clinical outcomes of modest intravascular hypothermia after acute cervical spinal cord injury

Nov 7-9, 2009, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

January 27, 2010, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

January 28-31, 2010, Vail, CO, Spine on the Mountain: Innovation meets practice Neurological Surgery. Topic: Hypothermia for SCI; Anatomy: X/DLIF

February 21, 2010, Scottsdale, AZ. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

May 16-18, 2010, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

November 4-6, 2010, Monterey, CA. American Academy of Neurosurgeons. Topic: A Prospective, Randomized Trial Comparing Expansile Cervical Laminoplasty versus Cervical Laminectomy and Fusion for Multi-level Cervical Myelopathy

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Levi, Allan M.D., Ph.D.

November 7-9, 2010, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

November 18-21, 2010, Chicago, IL. AANS resident spine course. Topics: Lateral approaches to the lumbar spine / Case review

February 24,25 2011, Miami, FL. Chilling on the beach. Topic – Modest hypothermia after spinal cord injury.

February 26, 2011, Orlando, FL. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

May 1-3, 2011, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

July 9, 2011, West Palm Beach, Florida, Synthes Resident Neurotrauma Course

October 20-22, 2011, Phoenix, AZ. American Academy of Neurosurgeons. Topic: Incidental Durotomy After Spinal Surgery – A Prospective Study in an Academic Institution

November 6-8, 2011, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

November 10-12, 2011, Chicago, IL. AANS resident spine course. Topics: Bone fusion, Oral Board course

November 18-19, 2011 Boston, MA, DePuy Spine Orthopaedic & Neurosurgery Residents Bioskills Workshop

November 24-26, Medellin, CO, IV Symposium international of spine surgery. Topics – Degenerative spine disease, Spinal cord injury

January 26-28, 2012, Las Vegas, NV, Decision Making Strategies in Spine Surgery for the Early Career Surgeon – Course Chairman

February 2, 2012, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

Curriculum Vitae

Levi, Allan M.D., Ph.D.

February 26, 2012, Las Vegas, NV. Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

March 8, 2012, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012, Topic: Direct lateral retroperitoneal transpsoas fusion

March 30/31, 2012, Pittsburgh, PA, Synthes Resident Neurotrauma Course

April 15, 2012, Miami, Fl, American Association of Neurological Surgeons – 80th annual meeting. Topic: Update of general neurosurgery for the practicing neurosurgeon

April 16, 2012, Miami, Fl, American Association of Neurological Surgeons – 80th annual meeting. Topic: Update on spine trauma management - cervical injuries

April 16, 2012, Miami, Fl, American Association of Neurological Surgeons – 80th annual meeting. Topic: Direct lateral retroperitoneal transpsoas fusion

April 19, 2012, Miami, Fl, American Association of Neurological Surgeons – 80th annual meeting. Topic: Current use of biologic graft extenders for spinal fusion

May 13-15, 2012, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

October 6-7, 2012, Chicago, IL. Congress of Neurological Surgeons. Topic: Oral Board review

November 4-6, 2012, Houston, TX. AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

January 11-13, 2013, Miami, FL, Depuy Synthes Spine Future Leaders program - Course Chairman

January 19, 2013, Miami, FL, Byran artificial disc course, Miami, FL

January 25/26, 2013, San Diego, CA, Decision Making Strategies in Spine Surgery for the Early Career Surgeon / Medtronic – Course Chairman

February 2, 2013, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

Curriculum Vitae

Levi, Allan M.D., Ph.D.

February 17, 2013, Miami, FL, Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

February 21, 2013, Sarasota, FL 64th Annual Southern Neurosurgical Society meeting – Invited lectureship – New Treatment Strategies in Acute SCI

March 7, 2013, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012, Cell transplantation strategies for SCI

March 8, 2013, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012, Anatomical considerations - Lateral interbody retroperitoneal fusion

March 8, 2013, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 28th Annual Meeting, Orlando, FL, 2012, Autologous Schwann cell transplantation for SCI

April 6, 2013, Boca Raton, FL – C.U.R.E symposium – 2nd annual – Advances in spine and spinal cord disorders – Key note speaker

April 11-13, 2013, Key West, FL Point counter-point symposium, Nuvasive– 6th annual

April 26, 2013, New Orleans, LA, American Association of Neurological Surgeons – 81st annual meeting Topic: Update on spine trauma management – Thoracolumbar fractures

April 26, 2013, New Orleans, LA, American Association of Neurological Surgeons – 81st annual meeting. Topic: Direct lateral retroperitoneal transpsoas fusion - Neuroanatomy

April 28, 2013, New Orleans, LA, American Association of Neurological Surgeons – 81st annual meeting. Topic: Current use of biologic graft extenders for spinal fusion - indications for BMP

April 29, 2013, New Orleans, LA, American Association of Neurological Surgeons – 81st annual meeting. Peripheral nerve tumor panel - discussant

April 29, 2013, New Orleans, LA, American Association of Neurological Surgeons – 81st annual meeting. Topic: Biologics for spinal fusion – dinner symposia

May 12-14, 2013, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

June 28, 2013, Toronto, ON, Reviewer of University of Toronto spine program

Sept 9, 2013. Seoul, Korea 15th World Congress of Neurosurgery (WFNS) Cell transplantation strategies after SCI

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Levi, Allan M.D., Ph.D.

September 26-28, 2013, Newport Beach, CA. American Academy of Neurosurgeons, Topic: Transplantation of a Neural Prosthesis filled with Autologous Schwann cells for the repair of segmental peripheral nerve defects.

October 14, 2013 - Update on neurosurgical services at UMH – Miami, FL

October 19, 2013, San Francisco, CA. Congress of Neurological Surgeons. Topic: Neurosurgery Oral Board review

October 21, 2013, San Francisco, CA – Is hypothermia for SCI effective? - New Technologies and Innovations in Spinal Neurosurgery CNS Luncheon Seminar

October 21, 2013, San Francisco, CA – Indications and Advanced decision making in cervical arthroplasty. Medtronic sponsored dinner

November 8/9, 2013, New Orleans, LA, Decisions in Spine: Clinical and Practice - Medtronic – Course Chairman

November 10-12, 2013, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course.

January 29, 2014, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 21-23, 2014, Las Vegas, NV, Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

March 5, 2014, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 30th Annual Meeting, Orlando, FL, FDA approved cell based therapies for human SCI

March 6, 2014, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 30th Annual Meeting, Advocacy for the spinal cord injured patient

March 6, 2015, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 30th Annual Meeting, Orlando, FL, Peripheral nerve surgery – case based approach

March 7, 2014, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 30th Annual Meeting, BMP controversies - overview

March 21, 2014 – III Brain tumor and Minimally Invasive Spine symposium, Dadeland Marriott. Miami – Surgery for intramedullary spine tumors / The lateral approach to the lumbar spine

April 5, 2014 - San Francisco, CA, American Association of Neurological Surgeons – 82nd annual meeting. Update of general neurosurgery for the practitioner

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April 5, 2014 - San Francisco, CA, American Association of Neurological Surgeons – 82nd annual meeting. Goodman Oral Board Course - Director

April 6, 2014 - San Francisco, CA, American Association of Neurological Surgeons – 82nd annual meeting. Update on spine trauma management – sub-axial cervical injuries

April 8, 2014 – San Francisco, CA, American Association of Neurological Surgeons – 82nd annual meeting. Topic: Current use of biologic graft extenders for spinal fusion - Complications and risk of Ca after use of BMP

May 4-6, 2014, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

June 29, 2014 - San Francisco, CA, National Neurotrauma Society meeting – 32nd annual meeting – Therapeutic Hypothermia in SCI

Sept 18-20, 2014 - Santa Rosa, Florida American Academy of Neurosurgeons, Topic: Transplantation of autologous Schwann cells after sub-acute thoracic spinal cord injury

Oct 12, 2014 – Prague, Czech Republic – EANS / AANS pre-course meeting – Course Director – Neurosurgical Review by Case Management

Oct 13, 2014 – Prague, Czech Republic – Minimally invasive approaches to cervical spine surgery

October 18, 2014, Boston, MA. Congress of Neurological Surgeons. Topic: Neurosurgery Oral Board review

November 7-9, 2014, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

November 21/22, 2014, New Orleans, LA, Decisions in Spine: Clinical and Practice - Medtronic – Course Chairman

January 29, 2015, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 20-22, 2015, Las Vegas, NV, Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

March 4, 2015, Phoenix, AZ – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 31st Annual Meeting, DO conference - FDA approved cell based therapies for human SCI

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Levi, Allan M.D., Ph.D.

March 5, 2015, Phoenix, AZ – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 31st Annual Meeting, Phoenix, AZ, Peripheral nerve surgery – case based approach

March 14-15, New Orleans – New Orleans Peripheral Nerve Dissection Course – The Kline Legacy – Ulnar nerve

May 2, 2015, Washington, DC, American Association of Neurological Surgeons – 83rd annual meeting Topic: Update on spine trauma management – Thoracolumbar fractures

May 3, 2015, Washington, DC, American Association of Neurological Surgeons – 83rd annual meeting Topic: Goodman Oral Board Course – Director

May 5, 2015, Washington, DC, American Association of Neurological Surgeons – 83rd annual meeting Topic: Spinal Trauma: State of the Art - Treatment for SCI - functional outcomes

May 17-19, 2015, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

June 7, 2015, Miami, FL, Society of Neurological Surgeons – 106th meeting, Topic: Clinical translational strategies for SCI

June 20, 2015, Miami, FL, South Florida Conference on Spinal Cord and Traumatic Brain Injury Clinical translational strategies for SCI. Topic: Changing the Outcome after SCI: Hypothermia, Schwann cells, Stem cells

June 28, 2015 – Santa Fe, NM, National Neurotrauma Society meeting 33rd annual meeting – Outcomes after spine trauma - are stem cells the answer?

June 29, 2015 – Santa Fe, NM, National Neurotrauma Society meeting 33rd annual meeting – Overview of clinical evidence and implementation of therapeutic hypothermia for SCI

September 20, 2015 – IV Brain tumor and Minimally Invasive Spine symposium, Eden Rock, Miami Beach – Spinal cord and peripheral nerve tumors

September 26, 2015, New Orleans, LA. Congress of Neurological Surgeons. Topic: Neurosurgery Oral Board review

September 29, 2015, New Orleans, LA. Congress of Neurological Surgeons. Topic: Peripheral Nerve Board review

October 15, 2015 – Human Schwann cells – Bench to Bedside, Indianapolis, IN, Stark Neuroscience Institute

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Levi, Allan M.D., Ph.D.

November 6-8, 2015, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

Nov 30 – Dec 1, 2015, Krakow, Poland, Comprehensive clinical neurosurgery review, Topic: Spine review.

January 21/22, 2016, New Orleans, LA, Decision Making Strategies in Spine Surgery for the Early Career Surgeon / Medtronic – Course Chairman

January 28, 2016, South Beach, FL, New Surgical Techniques in the Management of Peripheral Nerve Disorders – Neurology Update & Stroke Intensive

January 30-31, 2016, New Orleans – New Orleans Peripheral Nerve Dissection Course – The Kline Legacy – Ulnar nerve

February 4 2016, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 20-22, 2016, San Antonio, TX, Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

March 16, 2016, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 32nd Annual Meeting, Orlando, FL Peripheral nerve surgery – case based approach

March 17, 2016, Orlando, FL – Joint Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), 32nd Annual Meeting, Orlando, FL Hypothermia for spinal cord injury – a viable option

April 13-15, 2016, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

April 30, 2016, Chicago, IL, American Association of Neurological Surgeons – 84th annual meeting Topic: Goodman Oral Board Course – Director

May 1, 2016, Chicago, IL, American Association of Neurological Surgeons – 84th annual meeting Topic: Update on spine trauma and SCI – APP plenary session

May 1, 2016, Chicago, IL American Association of Neurological Surgeons – 84th annual meeting Topic: Current Status of Cell Based Therapies for Spinal Cord Injury

May 2, 2016, Chicago, IL American Association of Neurological Surgeons – 84th annual meeting Topic: Current use of biologic graft extenders for spinal fusion - BMP

Curriculum Vitae

Levi, Allan M.D., Ph.D.

May 3, 2016, Chicago, IL American Association of Neurological Surgeons – 84th annual meeting. Incidence of Position Related Neuropraxia in 4489 Consecutive Patients Undergoing Spine Surgery. Role of SSEP Monitoring? - Discussant

May 6, 2016, Miami, FL Orthopedic Spine Study Group meeting – Clinical trials for Spinal Cord Injury

August 27, 2016 – The use of autologous human Schwann cells after peripheral nerve injury, Integra biologics conference. Hyatt Regency Hotel, Miami, FL,

September 25, 2016, San Diego, CA. Congress of Neurological Surgeons. Topic: Thoracolumbar fractures

September 26, 2016, San Diego, CA. Congress of Neurological Surgeons. Topic: Subacute/Chronic Spinal Cord Injury: Novel Treatment Modalities

September 28, 2016, San Diego, CA. Congress of Neurological Surgeons. Topic: A Randomized, Controlled Clinical Trial Investigating the Use of Intramedullary Injections of Human Neural Stem Cells (HuCNS-SC) for the Treatment of Chronic Cervical Spinal Cord Injuries / Late Breaking Abstract

November 4-6, 2016, Houston, TX, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

Nov 27, 2016, Krakow, Poland, Comprehensive clinical neurosurgery review, Topic: Spine review.

February 4 2017, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 6, 2017, Ottawa, Canada, 5th Annual Ottawa Neurosurgery Review Course, Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam.

February 10, 2017, Miami, FL, Neuroimaging and its role in peripheral nerve surgery– Neurology Update & Stroke Intensive

February 19/20, 2017, San Diego, CA, Weekend Update: Interactive Review of Clinical Neurosurgery by Case Management / MOC.

March 10, 2017, Las Vegas, NV Special Course 5: Innovation in Spinal Tumor Management, Debate: Spinal Schwannoma; Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves

March 10, 2017, Las Vegas, NV; Spine Summit Cadaver Lab Pre-Course Meeting Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves

Curriculum Vitae

Levi, Allan M.D., Ph.D.

April 5, 2017, Vancouver, BC; SCITT – Spinal Cord Injury Trials Toolbox meeting

April 8, 2017, New York, NY; 1. Intradural tumors 2. Debate: Spinal Schwannoma
Multidisciplinary Spine Oncology Symposium – 4th annual meeting

April 23, 2017, Los Angeles, CA, American Association of Neurological Surgeons – 85th
annual meeting Topic: Goodman Oral Board Course – Director

April 25, 2017, Los Angeles, CA, American Association of Neurological Surgeons – 85th
annual meeting Topic: Management of acute spinal cord injury - Update of human cell
trials for spinal cord injury

April 25, 2017, Los Angeles, CA, American Association of Neurological Surgeons – 85th
annual meeting Topic: Attaining a Solid Fusion: Evidence Review and Suggestions for
Success”- BMP

April 26, 2017, Los Angeles, CA, American Association of Neurological Surgeons – 85th
annual meeting Topic: “Shoulder vs. Spine: Differentiating Shoulder and Cervical Spine
Pathology” – Brachial plexus

April 29, 2017, Albuquerque, NM, American Spinal Injury Association Annual meeting.
Topic” Schwann cell transplantation after sub-acute SCI

May 5 -7, 2017, Houston, TX, AANS Professional Development Program Neurosurgery
Review by Case Management: Oral Board Preparation Course. Course Director

August 2, 2017, Cape Town, South Africa, The Society of University Neurosurgeons.
Emerging safety of intramedullary transplantation of human neural stem cells after
chronic cervical and thoracic spinal cord injury

October 8, 2017, Boston, MA. Congress of Neurological Surgeons. Topic: Thoracolumbar
fractures.- Case based presentation Management of 3 column thoracolumbar injuries:
anterior, posterior, or circumferential surgery?

October 9, 2017, Boston, MA. Congress of Neurological Surgeons. Topic: Debate:
Hypothermia in Neurotrauma: Past or Future?

October 14, 2017, Miami, FL, Working 2 walk. Topic” Schwann and Stem cell
transplantation after sub-acute SCI

Nov 1 - 3, 2017, Glendale, AZ, AANS Professional Development Program Neurosurgery
Review by Case Management: Oral Board Preparation Course. Course Director

January 26-27, 2018, New Orleans – New Orleans Peripheral Nerve Dissection Course –
The Kline Legacy – Ulnar nerve

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February 1 2018, Chicago, IL, Compass Medical Education Network: Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 9/10, 2018, Ottawa, Canada, 6th Annual Ottawa Neurosurgery Review Course, Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam / OSCE

March 15, 2018, Orlando, FL; 34th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Scientific Session 2: Advances in SCI with Clinical Application

March 16, 2018, Orlando, FL; 34th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Scientific Session – Achieving balance in your Personal and Professional Life

March 17, 2018, Orlando, FL; 34th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Scientific Session – Cahill debates – posterior cervical laminoplasty

April 21, 2018 Miami, FL, Miami Project Open house – Update on SCI trials

April 28, 2018, New Orleans, LA, American Association of Neurological Surgeons – 86th annual meeting Topic: Goodman Oral Board Course – Director

May 1, 2018, New Orleans, LA, American Association of Neurological Surgeons – 86th annual meeting Topic: Management of acute spinal cord injury - Update of human cell trials for spinal cord injury

May 1, 2018, New Orleans, LA, American Association of Neurological Surgeons – 86th annual meeting Topic: The Miami Project to Cure Paralysis: An Update

May 2-4, 2018, Phoenix, AZ, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

October 6, 2018, Houston, TX. Congress of Neurological Surgeons. Topic: “Spinal Trauma and Spinal Cord Injury: Case-based presentations and future directions” – Sub-axial cervical fractures – anterior vs posterior approaches.

October 26, 2018, West Palm Beach, FL. American Academy of Neurosurgeons. Topic: Medical tourism

October 31 -November 2 2018, Phoenix, AZ, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

January 18-20, 2019, New Orleans, LA, Future Spine Leaders / Medtronic – Course Chairman

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February 1-3, 2019, Palm Springs, CA, American Society of Peripheral Nerve Surgery
Lower extremity peripheral nerve trauma: Nerve gap reconstruction in the lower extremity – strategies for maximizing success.

February 8-9, 2019, Ottawa, Canada, 7th Annual Ottawa Neurosurgery Review Course,
Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam / OSCE

February 15-16, 2019, New Orleans – New Orleans Peripheral Nerve Dissection Course –
The Kline Legacy – Ulnar nerve

March 7-8, 2019, Miami, Florida - 9th Annual Therapeutic Hypothermia Course - chilling on the Beach - Therapeutic Hypothermia after Spinal Cord Injury - Clinical Trial Update

March 14, 2019, Miami, Florida – UM Symposium for International Payors – UM Neurosurgery service line

March 14, 2019, Miami, FL; 35th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Spine Specialty Specific Oral Board Review Course

March 15, 2019, Miami, FL; 35th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Case based approaches to peripheral nerve trauma Discussant – lower extremity nerve trauma

April 15, 2019, San Diego, CA, American Association of Neurological Surgeons – 87th annual meeting Topic: Management of acute spinal cord injury - Update of human cell trials for spinal cord injury

April 27, 2019 Miami, FL, Miami Project Open house – Update on SCI trials

May 1-3, 2019, Phoenix, AZ, AANS Professional Development Program Neurosurgery Review by Case Management: Oral Board Preparation Course. Course Director

June 29, 2019, Dubrovnik, Croatia, Minimally invasive direct pars repair with cannulated Screws and recombinant human bone morphogenetic protein. Society of University Neurosurgeons (SUNS) meeting

September 20, 2019, Rome, Italy. American Academy of Neurosurgeons. Topic: Rapid Diagnosis of Adult Brain and Spinal Cord Tumors using Stimulated Intraoperative Raman Scattering Microscopy February 15-16, 2019,

September 28, 2019, Miami, FL –University of Miami Peripheral Nerve Cadaver Workshop – Ulnar nerve / Femoral nerve

October 19, 2019, San Francisco, CA. Congress of Neurological Surgeons. Topic: “Spinal Trauma and Spinal Cord Injury: Case-based presentations and future directions” – Sub-axial cervical fractures – anterior vs posterior approaches.

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October 20, 2019, San Francisco, CA. Congress of Neurological Surgeons. Topic: “Peripheral nerve surgery: Case Discussion.

October 21, 2019, San Francisco, CA. Congress of Neurological Surgeons. Topic: Duragen Japan panel discussion – Use in spine

Oct 29 - Nov 2, 2019, Phoenix, AZ, AANS Professional Development Program
Neurosurgery Review by Case Management: Goodman Oral Board Preparation Course.
Course Director

Dec 5, 2019, Miami, FL – Orthopedic Grand rounds. Prospective Randomized 10-Year Trial Results from BRYAN Cervical Disc Arthroplasty versus Anterior Cervical Fusion.

January 29, 2020, Chicago, IL, The Kranzler Chicago Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

January 30 - February 1, 2020, New Orleans – New Orleans Peripheral Nerve Dissection Course – The Kline Legacy – Ulnar nerve

February 7, 2020, Ottawa, Canada, 8th Annual Ottawa Neurosurgery Review Course, Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam

March 7, 2020, Las Vegas - Oral Abstract Presentation Title: Could botulinum toxin preconditioning be an ancillary therapy to improve motor nerve transfer surgery? Presenting Author: Nikhil Murthy, MD Oral Abstract Presentation Time: 4:15 PM – 4:20 PM 5 Minutes for Discussion

April 30, 2020, Miami (Virtual) - What life lessons should be learned from this pandemic? Covid - Medtronic sponsored event

May 1, 2020, Boston, MA, (Virtual) American Association of Neurological Surgeons – 88th annual meeting Discussant: Prospective Randomized Trial of Temporary Inferior Vena Cava Filter in Thrombophilic Patients That Had Cranial or Spinal Surgery

May 21, 2020, Miami (Virtual) – Intradural spinal pathologies - Medtronic sponsored event

August 5, 2020, Miami (Virtual) – Combinational Technologies to Achieve Ultra-MIS Spine surgery - Medtronic sponsored event

September 3, 2020, Miami (Virtual) - CNS Black Lives in Neurosurgery: Where Do We Go from Here? Developing a road map towards equity in neurosurgery – CNS sponsored event

October 12, 2020, Miami (Virtual) – Global cervical advisory board – cervical arthroplasty for cervical spine surgery - Medtronic sponsored event

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Oct 27-29, 2020, (Virtual), AANS Professional Development Program Neurosurgery Review by Case Management: Goodman Oral Board Preparation Course. Course Director

Dec 3, 2020, (Virtual), Seattle Science Foundation TV – Lumbar spondylolysis / spondylolisthesis

Jan 2, 2021, (Virtual), Comprehensive clinical neurosurgery review course, Topic: Trauma Spine case review.

February 2, 2021, (Virtual) Ottawa, Canada, 8th Annual Ottawa Neurosurgery Review Course, Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam / OSCE

May 4-6, 2021, (Virtual), AANS Professional Development Program Neurosurgery Review by Case Management: Goodman Oral Board Preparation Course. Course Director

May 15, 2021, (Virtual) Egypt, Intradural spinal pathology, Egyptian and World Neurosurgeons Community (EWNC) Academy

May 20-22, Miami, FL - Future Spine Leaders / Medtronic – Course Chairman

May 25, 2021 (Virtual) – JNSPG Journal Club / Moderator – Mark Bilsky – Issue topic: Treatment of spinal cord and spine axial tumors - Vertebral multiple myeloma with pathological fracture – the most common etiology for emergency spinal surgery in patients with no cancer diagnosis on admission

May 26, 2021 – (Virtual) Uhealth International symposium – Advance in spine and peripheral nerve surgery.

June 30, 2021 (Virtual) – JNSPG Journal Club Moderator – Issue topic: Biologics and Spinal Fusion

July 11, 2021 – (Virtual) National Neurotrauma Society meeting - Debate: Controversies in Central Spinal Cord Injury

July 28, 2021, San Diego, CA; 37th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Special Course 3: Cell Based Therapies for Nerve Regeneration

July 28, 2021, San Diego, CA; 37th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves: Principles of nerve repair: Techniques of Coaptation and grafting

July 28, 2021, San Diego, CA; 37th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves: Case base discussions: Nerve trauma

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August 7, 2021 – (Virtual) – Research in Neurosurgery. Future Leaders in Neurosurgery Symposium for Underrepresented Students

Aug 8-11, 2021, Whitefish, MT. Society of University Neurosurgeons, Topic: A Critical Reappraisal of the Human Corticospinal tract

August 26-27, 2021 – (Virtual) Los Angeles, California - 11th Annual Therapeutic Hypothermia Course - chilling on the Beach - Therapeutic Hypothermia after Spinal Cord Injury - Clinical Trial Update

September 23-25, 2021, Spanish Bay / Monterey - CA. American Academy of Neurosurgeons, Topic: Evaluation of selective medial involvement of corticospinal tracts in central cord syndrome: a quantitative MRI study

October 29, 2021, (Virtual), 3rd annual CCOS spine meeting, Beijing China, Topic: Cervical laminoplasty vs cervical laminectomy and fusion

Nov 9-11, 2021, (Virtual), AANS Professional Development Program Neurosurgery Review by Case Management: Goodman Oral Board Preparation Course. Course Director

Dec 10-12, 2021 Global Neuro 1st Annual South Florida Neuroplastic & Reconstructive Surgery Course with Cadaver Lab, Course Chair, Marc Training center, Miami, FL

January 24, 2022, Chicago, IL, The Kranzler Chicago Review Course in Neurological Surgery. Topic: Spinal Fractures and Spinal Cord Injuries, Non-tumor spine

February 8, 2022, (Virtual) Ottawa, Canada, 8th Annual Ottawa Neurosurgery Review Course, Topic: Intramedullary and peripheral nerve tumors; Determining Competency in Neurosurgery / The Oral Board Exam / OSCE

February 23, 2022, Las Vegas, NV; 38th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Cervical spine trauma – what every spine surgeon needs to know – hypothermia for SCI.

February 24, 2022, Las Vegas, NV; 38th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Principles of nerve repair: Techniques of Coaptation and grafting

March 10, 2022, Miami, FL, Clinical trials in spinal cord injury – to be or not to be a research subject, Miami SCI summit

Marc 17, 2022, (Virtual) Miami, FL, Special Miami Cerebrovascular symposium, and skull base international symposium – a special fireside chat

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April 5, 2022 (Virtual) – Spinal cord injury - Medical Student Neurosurgery Webinar Series

Curriculum Vitae

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22a. Television – webcast appearances:

June 2002 – NBC – channel 6 – local – Minimally invasive spine surgery

July 2003 – National station – Bogota – COLUMBIA - Minimally invasive spine surgery
– interviewed by Ms. Uribe

Sept 2003 – NBC – channel 6 – Bryan artificial cervical disc surgery

Sept 2011 – NBC – channel 6 – Hypothermia after spinal cord injury

August 2013 – ABC – Good Morning America – National News Paralyzed swimmer
banned from Paralympics elicits outrage

http://abcnews.go.com/Health/paralyzed-swimmer-banned-paralympics-elicits-outrage/story?id=19962043#.UgzTMiqt_-0.email

March, 2014 – Documentary for Miami film festival – “The unbreakable bond” –
produced by Emilio Estefan

Dec, 2015 CBS – Breakthroughs in Medicine – “Stem Cells for Chronic Spinal Cord
Injury”

Dec, 2016 CBS – Breakthroughs in Medicine – “Peripheral Nerve Injury”

July, 2019 CBS – Breakthroughs in Medicine – “Pars fracture story”

April, 2019 – AANS neurosurgery podcast – Getting ready for the Oral Board exam

March, 2020 - AANS neurosurgery podcast – The Clinician – Scientist

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TEACHING

23. Teaching Awards Received:
- 06/90 A.W. Harrison Award, Best Resident Teacher in Surgery, Sunnybrook H.S.C.
 - 06/05 Roberto C. Heros – Faculty Teaching award in Neurosurgery,
 - 06/14 Dalton W. Dietrich Translational Research Award
 - 06/14 Roberto C. Heros – Faculty Teaching award in Neurosurgery,
24. Teaching Specialization (courses taught):
1. Clinical instruction of neurosurgical residents, fellows, and medical students in neurosurgery
 2. Director of Neurosurgical Resident Course
1998-2001
 3. Sophomore Clinical Skills Course mentor for University of Miami medical students:

Mr. Jason Sevald - 1998
Ms. Katherine Nathe - 1999
Mr. Tristram Horton - 2000
Mr. Michael Passineau- 2001
 4. Neuroscience graduate program - University of Miami

Rotating students: Mathew Markert
 5. Course Director (2008-2022) – AANS sponsored Goodman Oral Board preparatory course for Board Certification in Neurosurgery (1999 – 2020)

Curriculum Vitae

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25. Director of Neurosurgical Peripheral Nerve Fellowship Program ('18 to present) - CAST
 Director of Neurosurgical Spine Fellowship Program ('97 to '15) – CAST

SPINE FELLOWS (69)

Graduate	Name	Last	Current City	State/Country
2023	Mark	Attiah	Los Angeles	CA/USA
2023	Oliver	Ayling	Vancouver	BC/ Canada
2023	Matthew	Cummock	New Jersey	NJ/USA
2023	David	Freeman	Minnesota	MNUSA
2023	Sasha	Vasiri	Gainesville	FL/USA
2022	Iahn	Tafel	Daytona	FL/USA
2022	Elliot	Minh	Seattle	WA/USA
2022	Michael	Yang*	Calgary	AB/Canada
2022	Joel	Martin	Orlando	FL/USA
2021	Ibrahim	Hussain*	New York	NY/USA
2021	Robert	Rothrock	Miami	FL/USA
2021	Clayton	Haldeman	Charleston	SC/USA
2021	William	Steele*	Houston	TX/USA
2021	Aditya	Vedantam*	Milwaukee	WI/USA
2021	Slava	Makler	Norfolk	VA/USA
2020	Marcus	Ling Zhixing*	Singapore	Singapore (O)
2020	Yingda	Li*	Sydney	Australia
2020	Meng	Huang*	Houston	TX/USA
2019	Efrem	Cox	Reno	Nevada/USA
2019	Jangwon	Yoon*	Philadelphia	Penn/USA
2019	Scott	Raffa	Hollywood	FL/USA
2018	Andrew	Fanous	Alexandria	VA/USA
2018	Pedro	Coutinho	New Haven	CT/USA
2018	Michael	Paci	Bangor	ME/USA
2018	Jonathan	Sellin*	Houston	TX/USA
2017	Kenneth	Crandall*	Baltimore	MD/USA
2017	George	Ghobrial	Pikeville	KY/USA
2017	Anthony	Lau	New York	NY/USA
2016	Singal	Rajiv*	San Francisco	CA/USA
2016	Julius	Ebinu*	Sacramento	CA/USA
2016	Shakir	Bashir	Marietta	GA/USA
2015/16	Matthew	Gary*	Atlanta	GA/USA
2015	Luis	Romero	Fort Lauderdale	FL/USA
2015	Ian	Cote*	Miami	FL/USA
2015	Michael	Thomas	Orlando	FL/USA
2014	Chris	Hofstetter*	Seattle	WA/USA
2014	Ivan	Stoev	Nashville	TN/USA
2014	Seth	Molloy	Columbia	South Car/USA

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2014	Vasillos	Dimopoulos*	Ithaca	New York/USA
2013	Yoav	Ritter	Plantation	Florida/USA
2013	Mohamed	Abdulhamid	Phoenix	Arizona/USA
2013	Yi	Lu*	Boston	Mass / USA
2012	Kevin	Cahill	Supply	North Carolina/USA
2012	Guarav	Jain*	Philadelphia	Pennsylvania//USA
2011	Harshpal	Singh	Hassenback	New Jersey/USA
2011	Sachin	Shah	Rockville	New York/USA
2010	Forrest	Hsu	Ventura	California/USA
2010	Joseph	Martinez*	Houston	Texas/USA
2010	Vartan	Tashijan	Los Angeles	California/USA
2010	Ann	Parr*	Minnesota	Minneapolis/USA
2009	Frank	Farhadi*	Lexington	Kentucky/USA
2009	Sarah	Woodrow*	Cleveland	Ohio/USA
2009	Riki	Trivedi*	Cambridge	England
2009	Howard	Levene	Hollywood	FL/USA
2008	Ajay	Pandy	Miami	FL/USA
2007	Brad	Hall	Alcoa	TN/USA
2006	Andrew	Nataraj*	Edmonton	AB/Canada
2006	Richard	Cortez	San Antonio	Texas/USA
2005	Andrew	Cannestra	Jacksonville	Florida/USA
2005	Claudio	Tatsui*	Houston	Texas/USA
2005	Nitising	Akkapong	Bangkok	Thailand
2004	Ramon	Navarro	Townsville	Australia
2003	Iftiqhar	Haq	North Bay	Canada
2002	Michael	Wang*	Miami	Florida/USA
2002	Mathew	McDonald*	Adelaide	Australia
2001	Steven	Vanni*	Plantation	Florida/USA
2001	Juan Santiago	Uribe*	Phoenix	Arizona/USA
2000	William	Choi	Denver	Colorado/USA
1999	Eric	Belanger	Bismarck	North Dakota/USA
1998	Brian	Weider	Lone Tree	Colorado/USA
1997	Nick	Vrodos*	Adelaide	Australia

*Academic

(O) - Orthopedics

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INFOLDING RESIDENT SPINE SPECIALTY TRAINING (22)

Graduate	Name	Last	City	State/Country
2023	Katherine	Berry	Miami	Florida/USA
2023	James	Boddu	Miami	Florida/USA
2022	Aria	Jamshidi	Miami	Florida/USA
2022	Christian	Theodotu	Miami	Florida/USA
2021	Roberto	Perez	Miami	Florida/USA
2020	Jason	Liounakos	Miami	Florida/USA
2020	Gregory	Basil*	Miami	Florida/USA
2019	Shelby	Burks*	Miami	Florida/USA
2018	Karthik	Madhavan	Fargo	North Dakota/USA
2017	Timur	Urakov*	Miami	Florida/USA
2016	John	Serak	New Albany	Indiana/USA
2015	Seth	Hayes	New Orleans	Louisiana/USA
2014	Faraz	Khan	Hackensack	New Jersey/USA
2014	Gabriel	Widi	Miami	Florida/USA
2013	Faiz	Ahmad*	Atlanta	Georgia/USA
2012	Brian	Hood	San Antonio	Texas/USA
2011	Chris	Demassi	Hollywood	Florida/USA
2010	David	Benglis	Atlanta	Georgia/USA
2009	Ted	Brindle	Roseville	California/USA
2008	Glen	Manzano	Orlando	Florida/USA
2007	Rishi	Sheth	West Palm B	Florida/USA
2006	Andrew	Jea*	Oklahoma City	Oklahoma/USA
2005	Ramin	Javahary	Los Angeles	California/USA
2004	Chad	Prusmack	Denver	Colorado/USA

PERIPHERAL NERVE FELLOWS (1)

Graduate	Name	Last	Current City	State/Country
2020	Shelby	Burks	Miami	FL/USA

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RESIDENTS (70)

Graduate	Name	Last	Current City	State/Country
2027	Damian	Brusko	Miami	FL/USA
2027	Sumedh	Shah	Miami	FL/USA
2027	Victor	Lu	Miami	FL/USA
2026	Eva	Wu	Miami	FL/USA
2026	Vignesh	Kumar	Miami	FL/USA
2026	Michael	Silva	Miami	FL/USA
2025	James	Boddu	Miami	FL/USA
2025	Michael	Kader	Miami	FL/USA
2024	Aria	Jamshidi	Miami	FL/USA
2024	Kat	Berry	Miami	FL/USA
2024	Joshua	Burks	Miami	FL/USA
2023	Roberto	Perez-Roman	Miami	FL/USA
2023	Christian	Theodotu	Miami	FL/USA
2023	Luther	Evan	Miami	FL/USA
2023	Daniel	Eichberg	Miami	FL/USA
2022	Jason	Liounakis	Miami	FL/USA
2022	Stephanie	Chen	Miami	FL/USA
2022	Gregory	Basil*	Miami	FL/USA
2021	Stephen Shelby	Burks*	Miami	FL/USA
2021	Ashish	Shah*	Washington	DC/USA
2021	Iahn	Cajigas*	Philadelphia	PA/USA
2020	Simon	Buttrick	Hollywood	FL/USA
2020	Karthik	Madhavan	Fargo	ND/USA
2020	Angela	Richardson*	Indianapolis	IN/USA
2019	Walter	Jermakowicz	Cookeville	TN/USA
2019	Samir	Sur*	Washington	DC/USA
2019	Timur	Urakov*	Miami	FL/USA
2018	Nicholas	Ferraro	Dallas	TX/USA
2018	Joanna	Gernsback*	Oklahoma City	OK/USA
2018	Brian	Snelling	Boca Raton	FL/USA
2017	Giancarlo	Perez	Miami	FL/USA
2017	Andrew	Middleton	Marietta	GA/USA
2017	John	Serak	New Albany	IN/USA
2016	Seth	Hayes	Covington	LA/USA
2016	Brandon	Gaynor	Baton Rouge	LA/USA
2015	Gabriel	Widi	Miami	FL/USA
2015	Mohammed	Kahn	Oradell	NJ/USA
2015	Michael	Thambuswamy	Tulsa	OK/USA
2014	Faiz	Ahmad*	Atlanta	GA/USA
2014	Ramsey	Ashour *	Austin	TX/USA

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2014	Jeremiah	Johnson*	Los Angeles	CA/USA
2013	Charles	Bowie	Baton Rouge	LA/USA
2013	Brian	Hood	Waco	TX/USA
2012	Asterios	Tsimpas	Mission Viejo	CA/USA
2012	Samy	Elhammady*	Abu Dhabi	UAE
2012	Garrett	Zoeller	Portland	OR/USA
2011	David	Benglis	Atlanta	GA/USA
2011	Christopher	Demassi	Hollywood	FL/USA
2010	Hamad	Farhat	Oak Lawn	IL/USA
2010	Ted	Brindle	Roseville	CA/USA
2009	Glen	Manzano	Orlando	FL/USA
2009	Anitha	Nimmagada	Rockford	IL/USA
2008	Stacey	Quintero-Wolfe*	Winston-Salem	NC/USA
2008	Ryan	Trombly	Oakwood	IL/USA
2007	Joseph	Wehman	Orlando	FL/USA
2007	Rishi	Seth	Delray Beach	FL/USA
2006	Andrew	Jea*	Oklahoma City	OK/USA
2006	Mohammad	Aziz-Sultan*	Boston	MA/USA
2005	Ramin	Javahary	Long Beach	CA/USA
2005	Mustafa	Baskaya*	Madison	WI/USA
2004	Elizabeth	Vitarbo	Fort Lauderdale	FL/USA
2004	Kapil	Moza	Thousand Oaks	CA/USA
2004	Sanjiv	Bhatia*	Miami	FL/USA
2003	Hisham	Al-Khayat	Salmiya	Kuwait
2003	Imad	Abumeri	Bakersfield	CA/USA
2002	Chad	Prusmack	Denver	CO/USA
2001	John	Jagid*	Miami	FL/USA
2001	Philipp	Aldana*	Jacksonville	FL/USA
2000	Ran Vijai	Singh	Norfolk	VA/USA
2000	Omar	Jimenez	Scottsbluff	NE/USA
2000	Jose	Arias	Evansville	IN/USA
1999	Thomas T.	Lee	Tarrytown	NY/USA
1998	Katsuhiko	Kure	Tokyo	Japan
1998	Kurt	Bangerter	Ogden	UT/USA
1997	Brian	Weider	Lone Tree	CO/USA
1997	Nizam	Razack	Orlando	FL/USA

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SERVICE

26. University Committee and Administrative Responsibilities:

University of Miami:

Senior Executive Advisory Committee for The Miami Project to Cure Paralysis 2001 – present

UMMG leadership council – 2004 – present

Medical Executive Committee of the University of Miami hospital – 2007 – present

UM Surgical Cabinet – 2015-present

University of Miami Neurosurgery Compensation Committee hospital – 2018 – present

BLM scholarship committee – 2020 – present

Jackson Memorial Hospital:

Medical Executive Committee – 2015 – present

OR Executive Committee – 2015 - present

External:

Course Director of the AANS Goodman Oral Board Preparation: Neurosurgery Review by Case Management – 2007 to present

AANS education committee – member at large - 2014 to present

Course Director of the EANS/AANS Oral Board Preparation: Neurosurgery Review by Case Management – 2014 – Prague, CZ

Curriculum Vitae

Levi, Allan M.D., Ph.D.

Past:

Resident Representative (Junior), Division of Neurosurgery
Educational Committee, University of Toronto, 1990

Neurosurgery Coordinator for Neuromodule – 1st year of medical school – 2009 – 2012

Research Liaison Committee, University of Miami School of Medicine: 1997, 1998.

Florida State Reviewer for Brain and Spinal cord injury programs – medical portion 1997-2001

Executive Member of the Florida State Brain and Spinal cord injury Advisory Council
2001-2005

Multi-Specialty Practice Building (MSPB) Design and Development Committee – 2006/07

Neurology Chair – Search Committee, The University of Miami School of Medicine: 2005
– 2007

American College of Surgeons - Young Surgeon Representative 2001 – 2007

American College of Surgeons - Young Surgeon Representative - Committee on Patient
Safety and Professional Liability – 2003 – 2007

AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Program
Committee – 2006 – 2009

UMMG - Care and Feeding of Referring Physicians Taskforce – 2007/08

AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Executive
Committee – 2001 – 2007

Grant reviewer – Orthopedic Research and Education Foundation - 2011

Grant reviewer – Department of Defense (DOD) – 2012

Physical Therapy Chair – Search Committee, The University of Miami School of
Medicine: 2014 – 2015

OR Executive Committee of the University of Miami hospital – 2007 – 2015

Academic Personnel Board - University of Miami – 2007- 2012 / 2014 – 2015

EPM committee – AANS – 2007 to 2018

Curriculum Vitae

Levi, Allan M.D., Ph.D.

Rehabilitation Medicine Chair – Search Committee, The University of Miami School of Medicine: 2015 – 2019

Orthopedic Chair – Search Committee, The University of Miami School of Medicine: 2019 – 2021

Physical Medicine and Rehab Committee APT committee: 2017 – 2020

NIH/NINDS grant reviewer - HEAL K24 Review grant reviewer – 2021

UHealth Committee for Optimal Administrative Efficiency – 2020 - 2022

Curriculum Vitae
Levi, Allan M.D., Ph.D.

27. Community / Sports:

Coach – Key Biscayne T- ball '01 + '02

Coach – Key Biscayne coach pitch '03 + '04

Room Parent – Grade 3 class – Gordon Day schools – '05

Project Medishare – Volunteer Neurosurgical missions in Haiti – post earthquake '10, '11, '12, '15.

Coach/Player – University of Miami Neurosurgery Softball team – NY '08 – present
 University of Miami

J. Lawrence Poole Memorial Tournament champions – 2012 / 2016

Marathons (26.2 miles):

1. 2001 - Duluth, MN - Grandma's – 4:34:31
2. 2005 - Miami, FL – Tropical – 4:41:52
3. 2006 - Miami, FL – Tropical – 4:29:20
4. 2006 - New York – NYC – 4:37:16
5. 2007 - West Palm Beach - FL – 4:28:00
6. 2008 - Miami, FL – Tropical – 4:12:24 (PB)
7. 2009 - Miami, FL – Tropical – 4:16:55
8. 2010 - Boston, MA – 4:21:25
9. 2010 - Montreal, QU – 4:16:25
10. 2012 – Washington MCM, DC – 4:49:37

½ Marathons (13.1 miles):

- 1.2010 – Miami, FL – Miami Beach – 1:53:28 (PB)
- 2.2012 – Hallandale, FL – 2:13:01
- 3.2014 – Miami, FL – 2:11:34
- 4.2015 – Key Biscayne, FL – 2:07:11
- 5.2015 – Miami Beach, FL 2:08:31
- 6.2018 – Davidson, NC 2:17:22
- 7.2019 – Miami Beach, FL - 2:20:18
- 8.2021 – Key Biscayne, FL – 2:20:04

Curriculum Vitae
Levi, Allan M.D., Ph.D.

Sprint Triatholons – 2005 - Key Biscayne – 1:19:56
*RBR 2006 - Key Biscayne – 1:19:25
2007 - Key Biscayne – 1:23:02
2007 - Fort Lauderdale – 1:06:56* (PB)
2009 – Key Biscayne – 1:17:10 (PB)
2010 – Key Biscayne - 1:12:38*
2013 - Virginia Key - 1:18:21*
2014 - Virginia Key - 1:13:18*
2017 - Virginia Key - 1:19:10*
2017 - Virginia Key - 1:17:22*
2018 - Virginia Key - 1:18:12*
2018 - Virginia Key - 1:20:33*
2019 - Virginia Key - 1:23:59*

2018 – Present – **Lead Unaffiliated Neurotrauma Consultant** / Dolphins / NFL – incl coverage of Superbowl LIV (Hardrock Stadium)

MS bike ride -150 miles -1998
DCC bike ride – 35 miles - 2021