

Daniel S. Yanni, M.D.
Curriculum Vitae

CURRENT AFFILIATION

CEO

Disc Comfort, Inc.

351 Hospital Rd, Suite 218

Newport Beach, CA 92663

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Office: (949) 515-0051

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ACADEMIC APPOINTMENT

University of California, Irvine

2010 - 2015

UC Irvine Medical Center

Orange, CA

Assistant Professor, Clinical Neurosurgery

Director, Comprehensive Spine Neurosurgery Service

Director, Outpatient Neurosurgery Clinic Operations

Minimally Invasive and Complex Spine Surgery

Surgical Director, Neuro-Intensive Care Unit

Department of Neurological Surgery

Acting Chair of Department of Neurological Surgery

Acting Chief of Neurological Surgery Service

Assistant Program Director

Chairs' Leadership Workshop

EDUCATION

University of California, San Diego

La Jolla, CA

Doctor of Medicine

2003

Senior thesis in neuroscience (Dr. M. Tuczynski/ Dr. H. Kornblum advisors)

Graduate courses in neuroscience

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University of California, Los Angeles	Los Angeles, CA
Bachelor of Science in Neuroscience	1999
<i>Summa Cum Laude</i> with Honors in Neuroscience	
Honors Thesis in Neuroscience (Neuroscience 199 HA&HB)	
Calabasas High School	Calabasas, CA
High School Diploma	1995

RESIDENCY/FELLOWSHIP TRAINING

Neurological Surgery Administrative Chief Resident

UNIVERSITY OF MEDICINE AND DENTISTRY, NEW JERSEY NEWARK, NJ
Neurological Institute of New Jersey

Chairman/Program Director: Dr. Peter W. Carmel

Spine Center: Dr. Robert F. Heary and Dr. Ira M. Goldstein (anterior/posterior cervical/thoracic/lumbar fusion, scoliosis/deformity correction, revision spine surgery, spine tumor surgery, minimally invasive surgery, odontoidectomy)

Minimally Invasive, Thoracoscopic, & Complex Spine Surgery Fellowship

ST. LUKE'S-ROOSEVELT HOSPITAL MANHATTAN, NY
University Hospital of *Columbia University College of Physicians and Surgeons*

Center for Minimally Invasive Spine and Neurosurgery

Fellowship Director: Dr. Noel I. Perin

Specialties include: minimally invasive spine surgery, spinal endoscopy, VATS, sympathectomy, spinal cord tumors, spine tumors, instrumentation, fracture, deformity, complex spine surgery, revision spine surgery

Neurological Surgery Residency

UNIVERSITY OF MEDICINE & DENTISTRY, NEW JERSEY NEWARK, NJ
Neurological Institute of New Jersey

Chairman/Program Director: Dr. Peter W. Carmel

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Spine Center: Dr. Robert F. Heary and Dr. Ira M. Goldstein (anterior/posterior cervical/thoracic/lumbar fusion, scoliosis/deformity correction, revision spine surgery, spine tumor surgery, minimally invasive surgery, odontoidectomy)

General Surgery Internship

CEDARS-SINAI MEDICAL CENTER

LOS ANGELES, CA

Chairman: Dr. Achilles Demetriou

Program Director: Dr. Alan Lefor

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MEDICAL LICENSES

California

License #A105319 (active)

HOSPITAL AND UNIVERSITY COMMITTEES

- August 2010 –2015 UC Irvine Medical Center, ICU Committee
October 2010-2015 Department of Neurological Surgery, Grand Rounds Coordinator
May 2011-2015 UC Irvine Medical Center, Standards Committee
July 2011-2015 UC Irvine Medical Center, OR Committee
August 2011-2015 UC Irvine Medical Center, Trauma PIC Committee

SOCIETY COMMITTEES

- 2017-current Lumbar Spine Research Society Education Committee

PUBLICATIONS

1. Kornblum HI, Yanni DS, Easterday MC, Seroogy KB. Expression of the EGF receptor family members ErbB2, ErbB3, and ErbB4 in germinal zones of the developing brain and in neurosphere cultures containing CNS stem cells. *Dev Neurosci.* 2000; 22:16-24.
2. Aryan HE, Yanni DS, Nakaji P, Jandial R, Marshall LF, Taylor WR. Syringocephaly. *J Clin Neurosci.* 2004 May; 11(4):421-3.
3. Mammis A, Yanni D, Gupta G, Karimi R, Schulder M. Relief of Tension Pneumocephalus with Endotracheal Intubation. *Surgical Neurology.* March 2009; 71(3):392-94.
4. Yanni DS, Beshara M, Ebersole K, Giannotta S, Schulder M. Digital photography using the intraoperative microscope in neurosurgery. *Surgical Neurology.* 2009 August; 72:153-56.
5. Mammis A, Yanni DS, Goldstein IM. Use of Isocentric Fluoroscopy during Transoral Odontoidectomy. December 2009. *J Clin Neurosci:*16(12):1624-7.
6. Yanni DS, Perin NI. Fixation of the Axis. March 2010; *Neurosurgery* 66(3): 147-52.
7. Yanni DS, LaBagnara M, Saravanan R, Mammis A, Goldstein IM. Transcervical drainage of epidural and retropharyngeal abscess. May 2010; *J Clin Neurosci* 17(5):636-38.
8. Yanni DS, Ulkatan S, Deletis V, Barrenechea IJ, Sen C, Perin NI. Utility of Neurophysiological Monitoring Using Dorsal Column Mapping in Intramedullary Spinal Cord Surgery, June 2010, *J. Neurosurg Spine:*12(6):623-8.

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9. Yanni DS, Mammis A, Ebersole K, Roonprapunt C, Sen C, Perin JI. Revision of Chiari Decompression for Patients with Recurrent Syrinx. *J Clin Neurosci*. 2010 Aug;17(8):1076-9.
10. Yanni DS, Mammis A, Thaker NG, Goldstein IM. Traumatic Fracture of Thin Pedicles Secondary to Extradural Meningeal Cyst. *J Surg Tech Case Report*. January 2011;3(1):40-3.
11. Yanni DS, Connery C, Perin NI. Video Assisted thoracoscopic surgery combined with a Tubular Retractor System for Minimally Invasive Thoracic Discectomy. March 2011;68(1 Suppl Operative):138-43; discussion 143.
12. Thaker NG, Mammis A, Yanni DS, Singh R, Carmel PW. Distal subgaleal-peritoneal shunt migration into the abdominal wall with subsequent formation of a pre-peritoneal pseudocyst: a rare complication. September 2010, *JSCR*:7:9.
13. Elowitz EH, Yanni DS, Chwajol M, Starke RM, Perin NI. Elevation of Indirect Decompression of the Lumbar Spinal Canal following Minimally Invasive Lateral Transposas Interbody Fusion: Radiographic and Outcome Analysis. 2011; 54:201-206.
14. Yanni DS, Mammis A, Battle L, Goldstein IM. Reduction of Displaced Hangman's Fracture by compression across Translaminar Screws. 2012, *J Clin Neuroscience* 19:582-584.
15. Heary RF, Yanni DS, Benzel EC. "Chapter 55: Anterior Lumbar Interbody Fusion." In: Benzel EC **Spine Surgery: Techniques, Complication Avoidance, and Management. Third Edition**. New York: Elsevier. 2012.
16. Heary RF, Yanni DS, Jethwa PR, Simeone FA, Crockard HA. "Chapter 86: Rheumatoid Arthritis." In: Benzel EC **Spine Surgery: Techniques, Complication Avoidance, and Management. Third Edition**. New York: Elsevier. 2012.
17. Chang, E. Y., Ghosh, N., Yanni, D., Lee, S., Alexandru, D., & Mozaffar, T. (2013). A Review of Spasticity Treatments: Pharmacological and Interventional Approaches. *Critical Reviews™ in Physical and Rehabilitation Medicine*, 25(1-2).
18. Kao, H. W., Alexandru, D., Kim, R., Yanni, D., & Hasso, A. N. (2012). Value of susceptibility-weighted imaging in acute hemorrhagic leukoencephalitis. *Journal of Clinical Neuroscience*, 19(12), 1740-1741.
19. Yanni, D. S., Halim, A. Y., Alexandru, D. "Odontoid pseudotumor and serial postfusion radiographic evaluation in a patient with a C1-2 mass." 2015. *J Neurosurg Spine*. 22(6): 605-610.
20. Jain NS, Bederman SS, Phan K, Yanni DS, Guillen H, Mnatsakanyan L. Saphenous Nerve Somatosensory Evoked Potentials Monitoring During Lateral Interbody Fusion. 2015. *The Spine Journal* , Volume 15 , Issue 10 , S255 - S256.
21. Arulmoli J, Wright HJ, Phan DT, Sheth U, Que RA, Botten GA, Keating M, Botvinick EL, Pathak MM, Zarembinski TI, Yanni DS, Razorenova OV, Hughes CW, Flanagan LA. "Combination scaffolds of salmon fibrin, hyaluronic acid, and laminin for human neural stem cell and vascular tissue engineering." *Acta Biomater*. 2016;43:122–138.

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22. Heary RF, Yanni DS, Halim AY, Benzel EC. “Chapter 76: Anterior Lumbar Interbody Fusion.” In: Benzel EC **Spine Surgery: Techniques, Complication Avoidance, and Management. Fourth Edition.** New York: Elsevier. 2017.
23. Heary RF, Yanni DS, Halim AY. “Chapter 86: Rheumatoid Arthritis.” In: Benzel EC **Spine Surgery: Techniques, Complication Avoidance, and Management.** Fourth Edition. New York: Elsevier. 2017.
24. Bederman SS, Jain NS, Yanni DS, Guillen H, Mnatsakanyan L. Saphenous Nerve Somatosensory Evoked Potentials Monitoring During Lateral Interbody Fusion. 2017. *Global Spine Journal* . Vol 5, Issue 1_suppl, pp. s-0035-1554571 - s-0035-1554571.
25. Yanni DS, Cruz AS, Halim AY, Gill AS, Muhonen M, Heary RF, Goldstein IM. Sublaminar Fixation for Traumatic Lumbar Fracture Subluxation with Lateral Listhesis in a 2-Year-Old Patient. 2018. *Journal of Neurosurgery: Pediatrics.* (in press)
26. Yanni DS, Cruz AS, Halim AY, Goldstein IM, Heary RF. “Posterior Double Barrel Corpectomy Reconstruction for Lumbar Burst Fractures.” (in progress)
27. Yanni DS, Cruz AS, Halim AY, Goldstein IM. “Resolution of Chiari Malformation following Thoracic Pseudomeningocele Repair.” (in progress)

JOURNAL REVIEWER

Journal of Neuro-Oncology

Nature : Scientific Reports

PRESENTATIONS and LECTURES

1. Neurosurgery Grand Rounds at UCSD: “Syringocephaly”; July 25, 2002.
2. Neurosurgery Grand Rounds at UCLA: “Spinal Vascular Malformations: Foix-Alajouanine Syndrome”; August 21, 2002.
3. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Conservative Fractionation for CyberKnife Treatment of Acoustic Neuroma. CyberKnife Society, La Quinta, CA; January 2007.
4. Neurosurgery Grand Rounds at UMDNJ: “Moya-Moya Disease: Review of Treatment Options”; January 10, 2007.
5. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Oral Presentation. Conservative Fractionating using CyberKnife in the Treatment of Acoustic Neuromas. AANS/CNS Section on Tumors Biennial Satellite Symposium. Washington, DC; April 2007.
6. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Conservative Fractionation for CyberKnife Treatment of Acoustic Neuroma. American Association of Neurological Surgeons Annual Meeting. Washington, DC; April 2007 .

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7. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Oral Presentation. Fractionated CyberKnife Radiosurgery for Acoustic Neuromas. International Stereotactic Radiosurgery Society, San Francisco, CA; June 2007.
8. Goldstein IM and Yanni DS. C2 Anterior Cervical Arthrodesis: retrospective analysis of 17 patients. World Spine IV. World Spine Society Meeting, Istanbul, Turkey; July 2007.
9. Goldstein IM and Yanni DS. Review of C2 Anterior Cervical Arthrodesis. Congress of Neurological Surgeons Annual Meeting. San Diego, CA; September 2007.
10. Neurosurgery Grand Rounds at UMDNJ: “Dynamic Stabilization: Cases and Overview”; October 2007.
11. Neurosurgery Grand Rounds at UMDNJ: “Treatment of Cervicothoracic Myelopathy and Deformity”; March 2008.
12. Neurosurgery Grand Rounds at St. Luke’s/Roosevelt Hospital: “Chiari Revision Surgery”; July 2008.
13. Yanni DS, Connery CI, Perin NI. VATS assisted Minimally Invasive Thoracic Discectomy. The Eighth International Symposium on Sympathetic Surgery (ISSS) and VATS 2009: The Seventh International Symposium on Video-Assisted Thoracic Surgery. New York, NY; March 2009.
14. Chandela S, Yanni DS, Perin NI, Elowitz EH, Houten JK. Surgical Management of Lumbar Synovial Cysts-to-Fuse or Not to Fuse: A 65 Patient Experience and Review of Literature. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
15. Yanni DS, Ulkatan S, Deletis V, Barrenechea IJ, Sen CN, Perin NI. Utility of Dorsal Column Mapping in Intramedullary Spine Surgery. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
16. Yanni DS, Elowitz EH, Perin NI. Satisfaction with Indirect Decompression in Lumbar Stenosis with the XLIF procedure. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
17. Yanni DS, Elowitz EH, Perin NI. Indirect Decompression for Lumbar Stenosis with the XLIF procedure. AANS 2009 Annual Meeting, San Diego, CA; May 2009.
18. Neurosurgery Grand Rounds at UCLA: “Indirect Decompression with XLIF” on December 16, 2009.
19. Yanni DS, Zouzias A, Ebersole K, Goldstein IM. Symptomatic Thoracic Kyphosis associated with Macromastia: The High (Thoracic) Price of Beauty?. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
20. Yanni DS, Christiano LD, Mammis A, Jethwa P, Goldstein IM. Intermediate Term Experience with Tantalum Trabecular Metal Implants in the Cervical Spine. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.

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21. Yanni DS, Christiano LD, Mammis A, Barrese J, Goldstein IM. Rates of Infection with Dynamic Stabilization compared to Posterior Instrumented Fusion. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
22. Christiano LD, Yanni DS, Ebersole K, Assina R, Liu JK. Bone Morphogenetic Protein Induced Cyst Formation After Lumbar Fusion Causing Neural Compression. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
23. Neurosurgery Grand Rounds at UCI: “The Extreme Lateral Approach to Lumbar Stenosis: Exceeding Expectations” on February 24, 2010.
24. Yanni DS, Christiano LD, Mammis A, Jethwa P, Goldstein IM. Experience and Lessons learned with Trabecular Metal Cages in the Cervical Spine. AANS Annual Meeting 2010. Philadelphia, PA; May 2010.
25. Christiano, LD, Yanni DS, Liu JK. Low Shunt Infection Rate with the Use of Intraoperative Intrathecal Antibiotics: Review of Prospective Database. AANS Annual Meeting 2010. Philadelphia, PA; May 2010.
26. Neurosurgery Grand Rounds at UMDNJ: “My Favorite Cases” on June 9, 2010.
27. Neurosurgery Grand Rounds at UCI: “Intracerebral Hemorrhage and Subarachnoid Hemorrhage” on September 22, 2010.
28. Primary Care Physicians Lecture, “Minimally Invasive Spine Surgery”, Costa Mesa, CA on January 26, 2011.
29. Neurosurgery Grand Rounds at UCI: “Revision of Chiari Decompression for Recurrent Syrinx” on February 9, 2011.
30. Primary Care Physicians Lecture, ”Minimally Invasive and Complex Spine Surgery,” Newport Beach, CA on March 16, 2011.
31. Course 009: Anatomy and Surgical Approaches to the Spine. “Lumbar Spine: Anatomy and Surgical Approaches.” AANS Annual Meeting 2011. Denver, CO on April 9, 2011.
32. “Minimally Invasive Spine Surgery: Clinical Relevance, Outcomes, and New Techniques”, Primary Care Meets Surgical Subspecialty Care-Partners in the Healing Process. UC Irvine School of Medicine, Orange, CA on June 11, 2011.
33. 35th Annual ACOFP-CA Scientific Medical Seminar, “Latest Advancements in Minimally Invasive Spine Surgery”, Anaheim, CA. August 12, 2011.
34. Community Talk at Cypress Senior Center with Nuvasive-Compass Spine-Gavin, “Non-operative and operative management of back pain”, Cypress, CA on August 28, 2011.
35. 3rd Year Medical Students, “Neurosurgery”, UC Irvine Medical Center, Orange, CA on August 22, 2011.
36. Neurology Clerkship Lecture, “Head Trauma”, UC Irvine Medical Center, Orange, CA, September 14, 2011.

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37. Neurology Grand Rounds, “Conservative and Surgical Management of Spinal Disorders, Role of Minimally Invasive Spine Surgery”, UC Irvine Medical Center, Orange, CA, September 16, 2011.
38. UCI School of Medicine Neurology Clerkship Lecture, “Spine Syndromes and Spinal Cord Injury”, UCI Medical Center, Orange, CA on October 12, 2011.
39. UC Irvine School of Medicine, Medical Student Surgery Clerkship Lecture, “Neurosurgery,” UC Irvine Medical Center, Orange, CA, on December 1, 2011.
40. “Pituitary Tumors and DI Management”, Neuro ICU Nurses, UC Irvine Medical Center, January 5, 2012.
41. “Spine Neurosurgery”, Neurology Medical Students, UC Irvine Medical Center, January 11, 2012.
42. “Spine Syndromes”, Neurology Medical Students, UC Irvine Medical Center, February 22, 2012.
43. Neurosurgery Grand Rounds at UCI: “Lumbar Spine Anatomy and Surgical Approaches: what is relevant? (Part 1), on February 15, 2012.
44. Neurosurgery Grand Rounds at UCI: “Lumbar Spine Anatomy and Surgical Approaches: what is relevant? (Part 2) on March 21, 2012.
45. “Head Trauma & Neurosurgery Cases”, Neurology Medical Students, UC Irvine Medical Center on March 28, 2012.
46. Daniel S. Yanni, Amandip Singh Gill. “Minimally Invasive Robotic Guided Percutaneous Lumbar Spine Stabilization and Fusion for Traumatic Lumbar Chance Fractures. AANS/CNS Joint Spine Section of Disorders of Spine and Peripheral Nerves, March 2012.
47. Amandip Singh Gill, Joseph Chia Yu Hsieh, Abhishek Chaturbedi, Daniel S. Yanni, Mark E. Linskey, J. Patrick Johnson, Samer Ghostine. “Parieto-occipito-cervical Instrumentation and Fusion of a Patient with an Unstable Craniocervical Junction after both a Posterior Fossa Craniectomy and Left Transcondylar Craniotomy. AANS/CNS Joint Spine Section of Disorders of Spine and Peripheral Nerves, March 2012.
48. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, April 25, 2012.
49. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, May 9, 2012.
50. Neurosurgery Grand Rounds, UC Irvine Medical Center, “Spine Syndromes and Spinal Cord Injury”, May 9, 2012.
51. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, June 13, 2012.
52. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, August 1, 2012.
53. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, August 1, 2012.

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54. University of California (UCI, UCLA, UCSD) Resident Spine Cadaveric Training Laboratory at Nuvasive, San Diego, September 15, 2012.
55. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, September 19, 2012.
56. “Low Back Pain, Surgical Outcomes, and Minimally Invasive Spine Surgery,” Lecture to Center for Family Practice, Los Alamitos, CA, October 3, 2012.
57. “Low Back Pain, Conservative Management, and Surgical Options,” Grand Rounds Lecture at Coastal Communities Hospital, Santa Ana, CA, November 13, 2012.
58. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, November 14, 2012.
59. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, January 16, 2013.
60. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, January 16, 2013.
61. “Spine Surgery: Anatomy, Indications, and Outcomes” Lecture to Orange County Chiropractic Association. Radisson Hotel in Buena Park, March 21, 2013.
62. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, March 27, 2013.
63. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, March 27, 2013.
64. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, April 24, 2013.
65. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, April 24, 2013.
66. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, May 15, 2013.
67. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, May 15, 2013.
68. “Minimally Invasive Spine Surgery: Indications and Options”, Lecture to Center for New Medicine. Irvine, CA, May 15, 2013.
69. “Complex and Revision Spine Patients: Surgical Options”, Lecture to Orange County Chiropractic Association. Radisson Hotel in Buena Park, May 23, 2013.
70. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, June 12, 2013.
71. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, June 12, 2013.
72. “The Spine Patient: Multidisciplinary Approach to care”, Lecture to California Chiropractic Association – Los Angeles. Los Angeles, CA, June 12, 2013.

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73. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, July 10, 2013.
74. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, July 10, 2013.
75. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, August 14, 2013.
76. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, August 14, 2013.
77. “Surgical Considerations and the Individual Spine Patient”, Lecture to Orange County Chiropractic Association. Radisson Hotel in Buena Park, August 29, 2013.
78. “Neurosurgical Emergencies,” UC Irvine Department of Neurology, Grand Rounds, September 20, 2013.
79. Resident Workshop: Cervical and Lumbar spine surgical techniques. UC Irvine Department of Neurosurgery, September 20, 2013.
80. Resident Workshop: Lateral approaches to the Lumbar Spine. San Diego, CA. October 19, 2013.
81. “The Spine Patient: A team approach to care”, Lecture to Orange County Chiropractic Association. Radisson Hotel in Buena Park, October 24, 2013.
82. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, October 24, 2013.
83. “Spine Syndromes and Spinal Cord Injury”, Neurology Medical Students, UC Irvine Medical Center, October 24, 2013.
84. “Spine Surgery” Lecture to Memorial Care Foundation Primary Care. Huntington Beach, CA, November 19, 2013.
85. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, January 24, 2014.
86. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, January 24, 2014.
87. “Spine Surgery: Evaluation and Referral” Lecture to Memorial Care Foundation Primary Care. Mission Viejo, CA, November 19, 2013.
88. Mnatsakanyan L, Bederman S, Guillen H, Yanni DS. “Saphenous Nerve SSEP during Lateral Interbody Fusion.” American Clinical Neurophysiology Society (ACNS) Annual Meeting. Westin Peachtree Plaza in Atlanta, Georgia. February 4-9, 2014.
89. Decision Making and Treatment Options for Spine Tumors. Resident/Fellow Course Faculty Lecturer and Surgical Lab Proctor. Barrow Neurological Institute, Phoenix, AZ. February 7-8, 2014.
90. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, February 14, 2014.

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91. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, February 14, 2014.
92. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, March 7, 2014.
93. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, March 7, 2014.
94. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, April 11, 2014.
95. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, April 11, 2014.
96. “Head Trauma: Translation from the Lab to the Clinic,” Lecture to Dr. Cumming’s and Dr. Anderson’s Graduate students. UC Irvine Gross Hall. April 4, 2014.
97. “Spinal Cord Anatomy and Clinical Implications,” Neuroscience Pre-clinical Clerkship (MS-1), UC Irvine School of Medicine. April 7, 2014.
98. “Back Pain and Back Health Maintenance,” Lecture to the Mission Viejo NP Murray Senior Center. Mission Viejo, CA. April 10, 2014.
99. “Multidisciplinary Spine Care,” Lecture to the Orange County Chiropractic Association. Garden Grove, CA. April 24, 2014.
100. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, May 9, 2014.
101. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, May 9, 2014.
102. Surgical Management of Thoracolumbar Spine Trauma. Resident/Fellow Course Faculty Lecturer and Surgical Lab Proctor. San Francisco, CA. May 16-17, 2014.
103. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, May 30, 2014.
104. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, May 30, 2014.
105. **Advanced Techniques in Cervicothoracic Spine Surgery.** Surgeon Course Faculty and Surgical Lab Proctor. Green Valley Ranch. Henderson, NV. June 20-21, 2014.
106. L. Mnatsakanyan, MD, S. Bederman, MD, PhD and D. Yanni, MD. Saphenous Nerve SSEP during Lateral Interbody Fusion. Poster session ACNS 2014, Atlanta, Georgia.
107. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, July 14, 2014.
108. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, July 14, 2014.
109. “Head Trauma and Neurosurgical Cases,” Lecture to Neuroscience Clerkship, UC Irvine Medical Center, August 8, 2014.

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110. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, August 8, 2014.
111. Mnatsakanyan L., Bederman S.S., Guillen H., Yanni D. Saphenous Nerve Somatosensory Evoked Potentials (SSEP) monitoring during Lateral Interbody Fusion (LIF) in preventing femoral nerve injury. ICCN 2014, Berlin, Germany.
112. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, September 5, 2014.
113. “The Rehabilitation of the Post-op Spine Patient,” Lecture at the Academy of Chiropractic Arts and Sciences. Garden Grove, CA. September 25, 2014.
114. “Spine Syndromes and Spinal Cord Injury”, Lecture to Neuroscience Clerkship, UC Irvine Medical Center, October 2, 2014.
115. **Latin America Dynamic Stabilization of the Spine Course.** Surgeon Course Faculty and Surgical Lab Proctor. Intercontinental at Doral Hotel. Miami, FL. October 23-24, 2014.
116. **Chief Resident and Fellow Comprehensive Spine Surgery Course.** Surgeon Course Faculty and Surgical Lab Proctor. Green Valley Ranch. Henderson, NV. March 12-15, 2015.
117. **Minimally Invasive Spine Surgery National Surgeon Course.** Surgeon Course Faculty and Surgical Lab Proctor. Hilton Tampa Downtown. Tampa, FL. April 10-11, 2015.
118. **Surgical Management of Cervical Spine Trauma Surgeon Course.** Surgeon Course Faculty and Surgical Lab Proctor. Marriott La Jolla and UC San Diego. San Diego, CA. May 29-30, 2015.
119. N. Jain, L. Mnatsakanyan, D.Yanni, S. Bederman. Saphenous Nerve Somatosensory Evoked Potentials monitoring during Lateral Interbody Fusion. **Global Spine Congress**, Buenos Aires, Argentina 2015.
120. **Advanced Lateral and MIS Techniques.** Surgeon Course Faculty and Surgical Lab Proctor. Medical Innovations and Training Institute (MITI). Henderson, NV. September 11-12, 2015.
121. **Deformity and Hyperlordotic Approach Considerations.** Invited Guest Lecturer. Southern Neurosurgical Society Annual Meeting. JW Marriott San Antonio, TX. March 2-5, 2016.
122. **Minimally Invasive Spine Surgery in Outpatient Settings.** Invited Guest Lecturer. International Society for the Advancement of Spine Surgery (**ISASS**). Annual Meeting. April 6-8, 2016.
123. **Minimally Invasive Lateral Interbody Fusion and Fixation Techniques.** Surgeon Course Faculty and Surgical Lab Proctor. NASS Spine Education & Research Center (SERC). June 10-11, 2016.
124. **Comprehensive Spine Surgical Techniques.** Surgeon Course Director and Surgical Lab Proctor. Medical Innovations and Training Institute (MITI). Henderson, NV. August 5-7, 2016.

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125. **Minimally Invasive Spine Surgery and Bone Growth Stimulation Technologies.** Featured Surgeon Lecturer. Congress of Neurological Surgeons (CNS) Annual Meeting. San Diego, CA. September 24-28, 2016.
126. **Treatment Options for Back Pain.** Featured Surgeon Lecturer. Hoag Community Lecture Series. Hoag Hospital Newport Beach. January 26, 2017.
127. **Minimally Invasive Lateral Interbody and Fixation Techniques National Bioskills Course.** Surgeon Course Faculty and Surgical Lab Proctor. Medical Innovations and Training Institute (MITI). Henderson, NV. February 10-11, 2017.
128. **Minimally Invasive Lateral Interbody and Fixation Techniques.** Surgeon Course Faculty and Surgical Lab Proctor. Medical Innovations and Training Institute (MITI). Henderson, NV. August 18-19, 2017.
129. **Minimally Invasive Lateral Interbody Techniques.** Surgeon Course Faculty and Surgical Lab Proctor at SMISS Annual Meeting. The Cosmopolitan Hotel / MERIN Lab. Las Vegas, NV. September 14-16, 2017.
130. **Update 2017: Spine Surgery.** Invited Speaker. Hilton Costa Mesa, CA. September 16, 2017.
131. **Minimally Invasive Spine Surgery Techniques.** Surgeon Course Director and Surgical Lab Proctor. ZB Insitute, Westminster, CO. November 3, 2017.
132. **A Multidisciplinary Approach to Neck and Back Pain.** Invited Guest Lecturer. Academy of Chiropractic Arts and Sciences. Buena Park, CA. January 25, 2018.
133. **Neck and Back Pain: When to be Concerned.** Invited Guest Lecturer. Academy of Chiropractic Arts and Sciences. Buena Park, CA. February 22, 2018.
134. **A Surgeon's Perspective on Managing Neck and Back Pain.** Invited Guest Lecturer. Academy of Chiropractic Arts and Sciences. Buena Park, CA. March 29, 2018.
135. **Lumbar Spine Research Society Instructional Course Lectures 2018.** Chicago, IL. "Surgical Decision Making Case Debates on Lumbar Degenerative Spondylolisthesis: Patient Outcomes are optimized with a decompression-only procedure." April 4, 2018.
136. **Lumbar Spine Research Society Annual Meeting 2018.** Chicago, IL. Moderator for "Rapid Fire Research Presentations." April 5, 2018.
137. **Chief Resident and Spine Fellows Mastering Techniques in the Cervical and Thoracolumbar Spine.** Surgeon Course Faculty and Surgical Lab Proctor. ZB Insitute, Westminster, CO. April 5-7, 2018.

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MEDIA and NEWS

1. December 26, 2012. “Christmas workers make merry best of it.” **Orange County Register**.
2. June 2, 2013. **Fox 11 News Los Angeles**. Surgeon Feature Commentary.
3. August 13, 2016. *Health and Wealth Radio*. **KBRT 740 AM and KNSN 1240 AM**. Neck and Back Pain Series Episode 1.
4. August 20, 2016. *Health and Wealth Radio*. **KBRT 740 AM and KNSN 1240 AM**. Neck and Back Pain Series Episode 2.
5. August 27, 2016. *Health and Wealth Radio*. **KBRT 740 AM and KNSN 1240 AM**. Neck and Back Pain Series Episode 3.
6. September 3, 2016. *Health and Wealth Radio*. **KBRT 740 AM and KNSN 1240 AM**. Neck and Back Pain Series Episode 4.
7. November 12, 2016. “Back and Spine Pain Solutions.” **Beverly Hills Magazine**.

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RESEARCH EXPERIENCE:

- 1. Research Assistant 1996**
Department of Islet Transplants, V.A. Hospital, Westwood
Assisted research in transplanting pancreatic islet cells from/to animals to alleviate symptoms or diabetes
- 2. Research Assistant 1998-2000**
Department of Neurology and Pharmacology at UCLA. Harley I. Kornblum, MD, PhD.
Performed experiments, Western blots, Northern blots, Southern blots, PCR, *in situ* hybridization, immunoprecipitation, immunohistochemistry, brain tissue slicing/fixation, and culture neural progenitor cells. Reported directly to PI and made presentations to laboratory about results/data. Research topics include Notch/Delta signaling pathway in neural stem cells; EGF-R and ErbB2, 3, and 4 receptor expression, activation, and function in neural stem cells; and differential gene expression in neural stem cells and various neural cell populations.
- 3. Research Assistant 2002**
Division of Neurosurgery at UCSD. William R. Taylor, MD
- 4. Research Assistant 2002**
Division of Neurosurgery at UCLA. Neil A. Martin, MD
Reviewed ten years experience at UCLA of neurosurgical interventions following endovascular embolization of intracranial aneurysms.

GRANTS:

1. Consultant/Co-investigator with Dr. Cummings and Dr. Anderson for NIH grant for neural scaffold for stem cells.
2. Clinical Mentor for NIH T32 training grant with Dr. Thompson and Dr. Flanagan
3. Consultant/Co-investigator for spinal cord bypass project for spinal cord injury with Dr. Do and Dr. Nenandik

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MEMBERSHIPS

- American Association of Neurological Surgeons (2004-current)
- Congress of Neurological Surgeons (2004-current)
- AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves (2006-current)
- Lumbar Spine Research Society (2012-current)
- California Association of Neurological Surgeons (2011-current)
- North American Spine Society
- Society for Minimally Invasive Spine Surgery
- American Medical Association
- California Medical Association
- Golden Key National Honor Society – Lifetime member
- Phi Beta Kappa – Lifetime member
- Neuroscience Undergraduate Society at UCLA
- California Scholarship Federation

HONORS and AWARDS

- Summa Cum Laude (UCLA)
- College Honors, College of Letters and Science (UCLA)
- Departmental Honors in Neuroscience (UCLA)
- Honors Thesis in Neuroscience: “EGF and ErbB Receptors Expression and Function in Mouse Neurospheres” (UCLA)
- Dean’s/Provost’s Honors List – Eleven of Twelve Quarters (UCLA)
- Golden Key National Honor Society – Lifetime Member
- Phi Beta Kappa – Lifetime Member
- California Scholarship Federation – Highest Honors
- Golden Apple Resident Teaching Award – 2007, 2008 UMDNJ
- Vitals On-Time Doctor Award (2016, 2017, 2018)
- Vitals Patients’ Choice Award (2016, 2017, 2018)
- Vitals Compassionate Doctor Recognition (2015, 2016, 2017, 2018)
- Healthgrades Honor Roll
- SuperDoctors Southern California Rising Stars (2013, 2014, 2015)