

CURRICULUM VITAE

Justin Paquette, MD, MA

3800 J street ste 210
Sacramento, CA 95816
Tel: (916) 870-7123
652-2501

Fax: (916) 652-2501

586 Hardy ave
Inglewood CA

Tel: (310) 870-7123 Fax: (310)

EDUCATION:

Undergraduate: **Bachelors of Sciences in Biology, Psychology, and Cognitive Science, 1989-1993**
Vassar College
Poughkeepsie, New York

Research: **Frontal lobe function in subhuman primates, 1993-1994**
Yale University
New Haven, Connecticut
Departments of Neuroscience and Neurosurgery
Drs. Patricia Goldman-Rakic and Pasko Rakic

Graduate: **Masters degree in Neuroscience and Neurology, 1994-1996**
Boston University School of Medicine
Boston, Massachusetts

Masters thesis, 1998

“Volumetric MRI, 99 M-TC HMPAO SPECT, Neuropsychologic, and Neurologic Assessment of Pre-symptomatic Gene Positive Huntington’s Disease Patients.”

Medical School: **Doctor of Medicine, 1996-2000**
Albany Medical College
Albany, New York

Internship: **General Surgery Internship, 2000-2001**
Harvard University and Beth Israel-Deaconess Medical Center
Boston, Massachusetts

Residency: **Neurosurgery Residency, 2001-2006**
Harvard and Tufts Medical Universities
Boston Massachusetts

Fellowship: **Complex Spine Fellowship, 2005-2006**
Cedars-Sinai Institute for Spinal Disorders
Cedars-Sinai Medical Center
Los Angeles, California

WORK HISTORY

June 2005- August 2008

Clinical and Academic Spinal Neurosurgeon
Cedars Sinai Institute for Spinal Disorders
Cedars Sinai Medical Center
Los Angeles, California

August 2008-Present

Clinical and Academic Spinal Neurosurgeon
Private practice
Director, Paquette Spine Institute
Locations throughout California

AWARDS

Woodstock Academy Valedictorian 1989

ACADEMIC TRAINING POSITIONS

Academic and Instructional Neurosurgeon, 2006-2008

Complex Spine Fellowship Program
Cedars Sinai Institute for Spinal Disorders
Los Angeles, California

Co-director and Instructional Neurosurgeon, 2015-2019

Complex Spine Fellowship Program
Temple and Silverlake Hospitals
Los Angeles, California

Director, Paquette Spine Institute, 2008-present

Student and colleague training and instruction
Multiple locations throughout Northern and Southern California

PUBLICATIONS

Paquette, J : Volumetric MRI, 99 M-TC HMPAO SPECT, Neuropsychologic, and Neurologic Assessment of Pre-symptomatic Gene Positive Huntington's Disease Patients. Boston University School of Medicine

Kimelberg HK, Feustel PJ, Jin Y, **Paquette J**, Boulos A, Keller RW, Tranmer B:

Acute Treatment with Tamoxifen reduces ischemic damage following middle cerebral artery occlusion. Neuroreport 11(12):2675-2679, August 2000

Paquette J: The amazing coffee cherry, Natures antioxidant and nutrient super food. 2009

ABSTRACTS AND POSTERS

Boulos A, Rutledge E, **Paquette J**, Yi Quiang J, Feustel P, Kimelberg HK, Tranmer B, Popp JA:

Tamoxifen excitatory amino acid release in vitro and provision of neuroprotection in vivo. January, 1999

Boulos A, Rutledge E, **Paquette J**, Yi Quiang J, Feustel P, Kimelberg HK, Tranmer B, Popp JA:
Tamoxifen excitatory amino acid release in vitro and provision of neuroprotection in vivo. American Association of Neurological Surgeons, New Orleans, LA 1999

David CA, Reisenberger R, Zerris V, **Paquette J**:
Relationship between plasma brain natriuretic peptide and cerebral vasospasm after aneurysmal subarachnoid hemorrhage. February, 2005

Kim T, **Paquette J**, Pashman R: The sagittal reconstruction parameters (SRP) classification system for the surgical treatment of thoracolumbar and lumbar adult idiopathic scoliosis. North American Spine Society, 2009

Kim T, **Paquette J**, Johnson P, Pashman R. Sagittal plane parameters in the reconstruction of thoracolumbar and lumbar adult idiopathic scoliosis. American Association of Orthopedic Surgeons, 2009

Kim T, **Paquette J**, Johnson P, Pashman, R. Three year radiographic outcomes of long (T2-pelvis) and short (T10-pelvis) fusions in adult idiopathic scoliosis. Scoliosis Research Society Annual Meeting, 2010

CLINICAL INVESTIGATION

Investigator: Comparison of interator reliability on PACS scoliosis imaging and the impact on diagnosis in operative planning. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2005-8

Investigator: Comparison of biomechanical parameters of biological cervical plate as compared to standard anterior cervical plates. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2005-8

Investigator: Long term outcomes in complex thoracolumbar adult deformity correction. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2005-8

CONFERENCE PRESENTATIONS

Current state of conservative spine treatment. Cedars-Sinai Community Symposium. Los Angeles, 2005

State of the art in minimally invasive spine surgery. Fifth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, 2006

Neck pain explained. Cedars-Sinai Community Symposium. Los Angeles, 2007.

Surgical indications for interventional spinal injections. Sixth annual Symposium of Current Concepts in Spinal Disorders. Las Vegas, 2007

Surgical workup for lumbar spinal deformity. Ankylosing Spondylitis Association Meeting, Los Angeles, 2007

Current surgical treatments for complex ankylosing spondylitis pathologies. Ankylosing Spondylitis Association Meeting, Los Angeles, 2008

Treatment of chronic neck pain. Office Orthopedics Symposium: the Essentials of Nonoperative Musculoskeletal Care. 2008

State of the art in thoracic pedicle screw techniques. Caribbean Neurosurgical Conference. Jamaica, 2008

Advances in the treatment of occipitocervical meningiomas. Caribbean Neurosurgical Conference. Jamaica, 2008

Case presentations of most complex spinal reconstructions. West Coast Deformity Masters Meeting. San Diego, 2008

Asymmetric pedicle subtraction osteotomies and adult deformity correction. Neurosurgical Deformity Conference. Los Angeles, 2008

Trans-1 percutaneous Lumbar 4-5 and Lumbar 5-Sacral 1 fusion. Phoenix, 2008

Endoscopic surgical treatment of thoracic disc herniations. World Federation of Neurologic Surgery, Boston, MA. 2009

Percutaneous tumor coblation and fracture fixation: A novel approach to cancer therapy. Los Angeles, 2009

Case presentations in MIS percutaneous fixation. Adult Complex Spine Conference: Current concepts in lumbosacral fixation. Association of Presacral Surgeons. Las Vegas, 2010

New Advances in spinal surgery. Central California Worker's Compensation conference. Fresno, 2013

The state of Americans today. XOWII national conference. Anaheim, 2009

Anti-oxidants and the future of our health. XOWII national conference. Los Angeles, 2010

GRAND ROUNDS PRESENTATIONS

Support for and against usage of high dosage steroids in treatment of acute spinal trauma. Lahey Clinic Medical Center, 2003

Advances in scoliosis treatment. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2005

The vertebral artery, surgical pitfalls and salvage strategies. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2006

Adult Scoliosis classifications. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2006

New technologies in neuronavigation and spine surgery. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2006

Bow Hunter's Syndrome and the vertebral artery. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2007

Pedicle subtraction osteotomies. Cedars Sinai Institute for Spinal Disorders, Los Angeles, 2007

Presacral approach and technique for lumbar interbody fusions. Silverlake Medical Center, Los Angeles. 2014

Motion preservation technologies. Silverlake Medical Center, Los Angeles. 2016

Current state of stem cell technologies in spine surgery. Silverlake Medical Center, Los Angeles, 2016

Stem cell and new technologies in spine surgery. Los Angeles Downtown Medical Center, 2019

TRAVELING INSTRUCTOR AND SPEAKER

Posterior cervical training and cadaver course. Cedars Sinai Institute for Spinal Disorders, 2007

Expandable transforaminal interbody fusions. San Jose, 2015

Minimally invasive transforaminal lumbar interbody fusions.

Lumbar motion preservation technologies and surgeries.

Lumbar artificial disc technologies.

Cervical artificial disc technologies.

Minimally invasive extreme lateral lumbar interbody fusions.

Percutaneous lumbar interbody fusions.

Percutaneous thoracolumbar fusions and correction of deformity.

A new technique for Percutaneous Iliac screw instrumentation.

Presacral approach for lumbar interbody fusions.

Correction of advanced spinal scoliosis and deformities.

Techniques for the successful revision of prior spinal surgery.

MEDIA COVERAGE

New hours for resident doctors. NBC nightly news, 2002

Brain waves of the future, now. Boston Globe front page. 2003

Walking again, the Leon Smith story. CBS, the Lifetime Network. 2007

Los Angeles man working to beat comeback odds after spinal cord injury leads to paralysis. Spinal Cord Injury Zone, Medicalnewstoday.com. 2007

25 Celebrity near death experiences. E! entertainment network. 2007

6 signs of medical emergencies. The Doctor's Show, CBS. 2008

Low back pain. The Doctors Show, CBS. 2010

The Billy Lucas story. NBC, WRAL television. 2011

New minimally invasive trans-1 spinal fusion. The Doctor's Show, CBS. 2011

Cervical spine anatomy. SpineUniversityTV and eOrthopod.com. 2012

Lumbar spine anatomy. SpineUniversityTV and eOrthopod.com. 2012

Radiculopathy. SpineUniversityTV and eOrthopod.com. 2012

Cervical myelopathy. SpineUniversityTV and eOrthopod.com. 2012

Cervical radiculopathy. SpineUniversityTV and eOrthopod.com. 2012

Flat back syndrome. SpineUniversityTV and eOrthopod.com. 2012