

Robert J. Jackson M.D., FACS, FAANS

*Diplomate American Board of Neurological Surgery
Assistant Clinical Professor of Neurosurgery, University of California Irvine*

Orange County Neurosurgical Associates
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EDUCATION

Neurosurgery Residency, Baylor College of Medicine, July 1995–2000

The Methodist Hospital

Ben Taub General Hospital

M.D. Anderson Cancer Center

Texas Childrens' Hospital

Houston VAMC

General Surgery Internship, Baylor College of Medicine, June 1994-1995

M.D., with Honors, Baylor College of Medicine, 1990-1994

B.A., magna cum laude, Chemistry and Biology, University of San Diego 1986-1990

Mater Dei High School, Santa Ana, California 1982-1986

Faculty Appointments

- 2000 - Present - Section Chief, Division of Neurosurgery, Saddleback Memorial Medical Center
- 2003 - Present - Assistant Clinical Professor of Neurosurgery, University of California Irvine
- 2006 - Present - Chairman, Division of Neurosurgery, Mission Hospital Regional Medical Center

LICENSING AND PROFESSIONAL MEMBERSHIPS

Board Certified American Association of Neurological Surgery 2003
Passed written examination of the American Board of Neurological Surgery
March 1997 - 94th percentile
Licensed M.D. by Medical Board of California March 2000
United States Medical Licensing Exam Part 1, 2, and 3 - 93-98th percentile
TSBME Medical Jurisprudence 1994
Advanced Trauma Life Support requirements June 1994
American Association of Neurological Surgeons member

HONORS

Orange County Neurosurgical Associates

Patients, Choice Award 2010

Patients' Choice Award 2009

Orange County Medical Association and Orange Coast Magazine Physician
of Excellence Award 2007

Orange County Medical Association and Orange Coast Magazine Physician
of Excellence Award 2008

Baylor College of Medicine

Alpha Omega Alpha Honor Medical Society

Award for Excellence in Neurosurgery 1994

Award for Excellence in Surgery 1994

Albert and Elizabeth Butler Scholarship 1994

Baylor College of Medicine Clinical Neurology Achievement Award 1993

Killson Educational Foundation scholarship 1992-93

Graduated from Basic Sciences with Honors 1992

University of San Diego

American Institute of Chemist's Award 1990

Silver medal and several top ten finishes in West Coast Collegiate

Cycling Conference races 1988-90

Kappa Gamma Pi National Catholic Honor Society for College Graduates 1990

USD Volunteer Service Award 1989

Who's Who Among Students in American Colleges and Universities 1989

Received research grant (1989) for "The Isolation, Characterization and Sequencing of the L-asparaginase Genes in *Aspergillus nidulans*"

Nominated for USA Today's Academic All-American Team 1989

CRC Press Outstanding Chemistry Student Award 1987

NEUROSURGICAL CONFERENCES AND COURSES

Course Instructor - X-Stop in the Treatment of Lumbar Spinal Stenosis, Irvine , California
January 11, 2008

Faculty, Course Instructor – Posterior cervical fusion and instrumentation techniques, occipital- cervical cervical fusion and instrumentation techniques, Western Regional Hands-On Spine Conference, Los Angeles CA November 2007

Course Instructor - X-Stop in the Treatment of Lumbar Spinal Stenosis, San Diego, California June 13, 2007

Instructor – Posterior cervical instrumentation techniques, Current Concepts and Techniques for Spine Surgery Symposium, New York, New York, December 9-10, 2006

Faculty Member – Contemporary Update Disorders of the Spine, January 14-20, 2006, British Columbia, Canada – invited speaker Thoracic spine disc herniations, myelopathy and Spinal Fractures

Faculty Member, Course Instructor – Spine Institute at St. John's Health Center – Cervical Spine Instrumentation and Stabilization Techniques, September 16-17, 2005

Faculty Member, Course Instructor – Spine Institute at St. John's Health Center –

Cervical Spine Instrumentation and Stabilization Techniques, September 25, 2004

Course Instructor – Percutaneous Vertebroplasty of the Spine, American Osteomedics, Irvine California, November 16-18, 2001

Course Instructor - Percutaneous Vertebroplasty of the Spine, American Osteomedics, Pomona California, March 9-10, 2002

Course Instructor - Percutaneous Vertebroplasty for Spine Fractures, Interpore Cross, Las Vegas, June 14-15, 2002

EMPLOYMENT

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| 7/07-current | Orange County Neurosurgical Associates |
| 7/02 – 7/07 | Massoudi and Jackson Neurosurgical Medical Associates |
| 7/00 – 6/02 | Massoudi Neurosurgical Medical Group |
| 6/94 - 6/00 | Baylor College of Medicine Neurosurgery |
| 5/93 - 9/94 | Medical-Legal research for the law firm of Fulbright & Jaworski |
| 4/93 - 5/94 | BCM Department of Orthopedics |
| 2/91 - 12/91 | Baylor College of Medicine Learning Resource Center |
| 1/91 - 12/91 | Baylor College of Medicine tour guide |
| 1/90 - 5/90 | Molecular Biology Research Assistant for Dr. P. Shaffer, USD Chemistry |
| 5/89 - 8/89 | Lab technician, Scripps Clinic and Research Foundation and valet |
| 5/88 - 9/88 | Research Assistant for Dr. Marie Simovich, USD Biology |
| 5/87 - 8/87 | Valet, Newport Beach Marriott and Bentley's Huntington Beach, CA |
| 1985-1986 | Packager, cleaner, cashier Ralph's Supermarket, Villa Park, California |

RESEARCH, PUBLICATIONS & PRESENTATIONS

Jackson RJ: Cervical disc replacement with the Mobi-C cervical artificial disc, presented at the 8th Annual Mazama Spine Summit, Winthrop, Washington February 2011.

Jackson RJ: Outpatient anterior cervical discectomy and fusion, presented at the 8th Annual Mazama Spine Summit, Winthrop, Washington February 2011.

Jackson RJ, Johnson DE: Cervical Disc Arthroplasty versus Arthrodesis for the Treatment of One and Two Level Cervical Degenerative Disc Disease: Two-Year Single Center Results of a Prospective Randomized Trial. Abstract 2010 Congress Neurological Surgeons, San Francisco, CA October 2010.

Jackson RJ, Johnson DE: Cervical Disc Replacement following Anterior Cervical Discectomy for the Treatment of One and Two Level Cervical Degenerative Disc Disease. Abstract 2010 Congress Neurological Surgeons, San Francisco, CA October 2010.

Jackson RJ, Johnson DE: Safety and Efficacy of Semi-Rigid (PEEK Rod) Stabilization in Lumbar Fusion. Abstract 2010 Congress Neurological Surgeons, San Francisco, CA October 2010.

Bader MK, Palmer SP, Jackson RJ, Kim AK, Massoudi F, Nwagwu C: "Jumpstarting Mild Hypothermia in the Neuro Population: Hitting the Target of 33°C." Abstract 2009 Neurocritical Care Society Meeting, New Orleans, LA November 2009.

Jackson RJ: Principle Investigator, Controlled trial use of Infuse BMP in single level anterior cervical discectomy and fusion, September 2009.

Kim AK, Massoudi F, Jackson RJ, Wang MY: Venous stasis and/or iliac vein obstruction secondary to prominent ALIF plate profile post- Anterior Lumbar Interbody Fusion (ALIF). Report of 5 cases. Abstract, Congress of Neurological Surgeons, Orlando Florida 2008.

Jackson RJ: Principle Investigator SMMC, ISISS Study: A prospective, randomized study comparing Superior Interspinous Spacer to the XSTOP Interspinous Process Decompression System in patients with moderate lumbar spinal stenosis, May 2008 – current.

Jackson RJ: Hydrocephalus, NPH diagnosis and treatment, Medtronic conference, Laguna Beach CA, November 2007.

Jackson RJ: Principle Investigator SMMC, Mob-C Cervical Disc replacement one and two-level versus fusion FDA trial, November 2006 – current.

Bader MK, Palmer S, Ros L, Jackson RJ, Massoudi F: Factor VIIa Rapid Reversal Protocol of Warfarin in Patients with Intracranial Hemorrhage. Abstract to be presented, Neuro Critical Care Society, Las Vegas, NV October 2007

Jackson RJ, Gokaslan ZL: Treatment of disc and ligamentous diseases of the cervical spine, in **Youman's Neurological Surgery**, 4395-4407, 5th edition, 2004.

Jackson RJ, Massoudi F: Safety and efficacy of percutaneous lateral extrapedicular vertebroplasty in the treatment of spinal compression fractures, AANS abstract, Spring 2003.

Palmer S, Bader MK, Palmer J, Gross J, Massoudi F, Jackson RJ, et al: Implementation of the Traumatic Brain Injury Guidelines: Lessons Learned in a 3-year Experience. Presented CNS Philadelphia 2002

Jackson RJ: Deep Brain Stimulation for Essential and Parkinsonian Tremor, presented at the American Parkinson Disease Association symposium at Saddleback Memorial Medical Center, June 9, 2001.

Jackson RJ : Deep Brain Stimulation for Movement Disorders, SMMC Grand Rounds, October 29, 2003

Jackson RJ: Invited Faculty, Update on Spinal Surgery, Mission Hospital Neuroscience

Conference October 9, 2003

Jackson RJ: Invited faculty, course instructor for American Osteomedics/Interpore Cross Hands on Percutaneous Vertebroplasty course November 2001, Irvine, California

Jackson RJ, Baskin DS: Spinal Cord Injury, in Evans RW, Baskin DS, Yatsu FM (eds): **Prognosis of Neurological Disorders, Vol 2**. New York: Oxford University Press, pp. 381-393, 2001

Jackson RJ, Gokaslan, ZL: Occipital-cervical-thoracic fixation for spinal instability in neoplastic processes. **Journal of Neurosurgery (Spine 1)** 91:81-89, July 1999, cover article, poster presentation AANS 1999

Jackson RJ, Gokaslan ZL: Metastatic renal carcinoma of the spine: surgical treatment and outcome. in press **Journal of Neurosurgery Spine** 94:18-24, 2001 (presentation Spine Section and AANS 2000)

Jackson RJ, Gokaslan, ZL: Spinal-pelvic fixation in patients with lumbosacral neoplasms **Journal of Neurosurgery Spine** 92:61-70, 2000, presentation CNS Boston

Jackson RJ, Shi WM, Abi-Said D, Gokaslan ZL, Fuller GN, Sawaya R: Is stereotactic brain biopsy necessary in the initial management of gliomas, **Neuro-Oncology** 193-200, July 2001 (1st place poster presentation CNS Boston 1999)

Jackson RJ, Spontaneous Intracerebral Hemorrhage and Aneurysmal Subarachnoid Hemorrhage, presentation Neuroscience for Nurses, Mission Hospital January 2001.

Hsu G, Jackson RJ, Gokaslan ZL: Transpedicular screw fixation for cancer related spinal instability

Kalhorn CG, Jackson RJ, Grossman RG, Woo S: Peacock conformal stereotactic radiotherapy in intracranial meningioma

Jackson RJ, Goodman JC, Huston, DP, Harper, RL: Parafalcine and bilateral convexity neurosarcoidosis mimicking meningioma; case report and review of the literature.

Neurosurgery 42: 635-638, 1998

Jackson RJ: Recognition and treatment of cervical spine injury presented at The Methodist Hospital Grand Rounds June 1998

Jackson RJ: Effectiveness of right heart catheterization: time for a randomized trial.

[Letter] **JAMA** 1997; 277(2): 108-9; discussion 113-4

Jackson RJ: Neurosurgical Management of Intracerebral Hemorrhages presented at The Methodist Hospital Neurosurgical Grand Rounds April 1996

Jackson RJ: Cerebral Aneurysm Rebleeding presented at The Methodist Hospital Neurosurgical Grand Rounds May 1996

Jackson RJ: Neurosarcoidosis presented at The Methodist Hospital Neurosurgical Grand Rounds November 1996

Jackson RJ: Neurosurgical Management of the HIV Infected Patient presented at the BCM Neurosurgical Resident Seminar November 1996

The Secondary Effects of Hypotension on a Rat Head Injury Model - BCM Department of Neurosurgery 7/96-10/96

The Effect of Anti-thrombin III on DIC in the Rat Head Injury Model - BCM Department of Neurosurgery, 5/93 – 12/93

Femur Fractures and Fat Embolism Syndrome - BCM Dept. of Orthopedics, 7/91 – 9-91

Jackson, RJ, "Cloning the L-asparaginase Genes from *Aspergillus nidulans*," Honors Senior Colloquium Collected Papers, Spring 1990. Presented by R. Jackson at the American Chemical Society Undergraduate Research Conference, CSULA, May 1990

Simovich M, Sassaman C, Jackson RJ, Galasso D: abstract "Genetic Variability in Tadpole Shrimp," **American Zoologist**, vol. 24, 1988. Presented by R. Jackson and D. Galasso at the Annual Symposium on the Scientific Value of the Desert, Anza-Borrego National Park, March 1989.