



JOHN DANIEL DAVIS IV, M.D.

EDUCATION

- High School: Jackson Preparatory School
Jackson, Mississippi, 1984
Star Student for the Class of 1984
- Undergraduate: Mississippi State University
Mississippi State, Mississippi
Degree: Bachelor of Science, 1988
Majors: Engineering
Summa cum laude
- Medical School: Johns Hopkins University School of Medicine
Baltimore, Maryland
Degree: Doctor of Medicine, May 1992
- Johns Hopkins University School of Public Health
Baltimore, Maryland
Degree: Masters in Health Finance and
Management, May 1999



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PROFESSIONAL EXPERIENCE

- 1992-1993 Intern, Department of Surgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1993-1995 Assistant Resident, Department of Neurosurgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1995 Senior Resident, Pediatric Neurosurgery Service, Dept. of
Neurosurgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1996 Chief Resident, Department of Neurosurgery
Johns Hopkins Bayview Medical Center, Baltimore, MD
- 1996-1998 Hunterian Research Fellow in Neurooncology and
Cerebrovascular Disease, Department of Neurosurgery
Johns Hopkins University School of Medicine,
Baltimore, MD
- 1998-1999 Instructor and Assistant Chief of Service
Department of Neurosurgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1999-present Private Practice of Neurosurgery
NewSouth NeuroSpine, LLC
Flowood, Mississippi

DIVISION OF SURGERY 601-936-0400

Eric Amundson, MD
Philip Azordegan, MD
John D. Davis, IV, MD
Jack Moriarity, MD
John Neill, MD
W. Lynn Stringer, MD
Greg Wood, MD

DIVISION OF PAIN MANAGEMENT 601-664-1213

Jeff Laseter, MD
Jeff Summers, MD

DIVISION OF PHYSICAL MEDICINE 601-420-1930

David Collipp, MD
Rahul Vohra, MD
Michael Winkelmann, MD

CERTIFICATION AND LICENSURE

State of Maryland Medical License (expired)
State of Mississippi Medical License
American Board of Neurological Surgery Certified

HONORS / AWARDS

Upjohn Resident Fellowship Award in Cerebrovascular Disease, 1996-1997
National Research Service Award CA-09574-12, 1996-1997
Alpha Omega Alpha, The Johns Hopkins University School of Medicine,
Elected March 24, 1992
Phi Beta Kappa, The Johns Hopkins University, Elected Spring, 1992
President of the Student Body, Mississippi State University, 1987-1988
Mr. Mississippi State University, 1988
Mississippi State University's Outstanding Student, 1988
Mississippi State University Hall of Fame, 1988
Phi Kappa Phi National Fellowship for Graduate and Professional Study, 1988-1989
Phi Kappa Phi National Scholastic Society, Mississippi State University, Elected Fall, 1986;
Student Vice-President, MSU Chapter, 1987-1988
Blue Key Honor Society Man of the Year, Mississippi State University-1985, 1987
Outstanding Sophomore Student in the College of Engineering, Mississippi State
University, 1986
President's List Scholar, Mississippi State University, 1984-1988
The Kappa Sigma Fraternity Achievement Scholarship, 1986
C.B. Mitchell Pre-Medicine Scholarship, Mississippi State University, 1984-1988
Applewhite Engineering Scholarship, Mississippi State University, 1984-1988
Mississippi State University Academic Scholarship, 1984-1988
National Merit Finalist Scholarship, 1984
Mississippi Private School Education Association ACT Scholarship, 1984

PROFESSIONAL ORGANIZATIONS

Chief of Medical Staff-River Oaks Hospital 2008-2009
Mississippi Workers Compensation Commission Advisory Council 2008-Present
Joint Guidelines Committee-American Association of Neurological Surgeons/Congress
of Neurological Surgeons 2007-Present
Mississippi Neurological Society/President 2005-2007, Secretary/Treasurer 2003-2004
Council of State Neurosurgical Societies Mississippi Delegate 2002-Present
Chairman Southeast Quadrant 2008-Present
Medical Liaison Committee for Blue Cross Blue Shield of Mississippi-1/2004-Present
Chief of Surgery-River Oaks Hospital 2004-2005
Vice Chief of Staff – River Oaks Hospital 2006-2007
River Oaks Hospital Executive Committee, 2002-Present
Preferred Health Services Physician Board of Directors, 2001-Present
First Choice Board of Directors, 2005-Present
River Oaks Hospital Quality Management Committee, 2001, Chairman 2006-2007
Outcomes Committee, American Association of Neurological Surgeons / Congress of
Neurological Surgeons – 1998-2002
Young Neurosurgeons Committee, American Association of Neurological Surgeons –
elected 1997-2002

American Association of Neurological Surgeons
Congress of Neurological Surgeons
Christian Medical and Dental Association
Mississippi State Medical Association

COMMUNITY ACTIVITIES

First Presbyterian Church, Jackson, Mississippi-Member since 2001
 President – Shepherds Sunday School Class 2005-2006
 Discipleship Small Group Leader 2005-Present
 Children’s Church Time Teacher 2002-2008
Physician Panelist, Horatio Alger Youth Seminar, Jackson Preparatory School, Jackson, Mississippi-2001
Grace Fellowship Church, Timonium, Maryland – Member and House Church Leader
Prospective Student Host, School of Medicine Office of Admissions, 1990-1992
Johns Hopkins Medical Institutions Visitors Tour Guide, 1991
Johns Hopkins Medical Institutions Christian Fellowship, 1998-1992
Football Coach, School of Medicine Community Sports Clinic, 1988
The Kappa Sigma Fraternity, 1984-1988
 Rush Chairman, 1986-1987
 National Convention Delegate, 1985
 Pledge Class President, 1984

RECREATIONAL INTERESTS

Salt-water fishing
Snow skiing
NCAA Southeastern Conference athletics

ABSTRACTS

Sills, A.K., Williams, J.I., Tyler, B.M., Epstein, D.S., Sipos, E.P., Davis, J.D., McLane, M.P., Pitchford, S., Schonwetter, B., Gannon, F.H., Kinney, W.A., Chao, T.L., Donowitz, M., Lattera, J., Zasloff, M., Brem, H. *Squalamine Inhibits Angiogenesis and Solid Tumor Growth In Vivo and Perturbs Embryonic Vasculature*. *Cancer Research* 58, 2784-2792, July 1, 1998.

Davis, J.D., BenDebba, M., Sampath, P., Ducker, T.B. *Outcome of Patients Treated for Axial Neck Pain: A Prospective, Multicenter Study with Independent Clinical Review*, accepted for publication in Spine.

Davis, J.D., BenDebba, M., Sampath, P., Ducker, T.B. *Patient Demographics and Treatment Practices in the Cervical Spine Research Society (CSRS) Study*, accepted for publication in Journal of Spinal Disorders.

Sampath, P., BenDebba, M., Davis, J.D., Ducker, T.B. *Outcome of Patients Treated for Radiculopathy: A Prospective, Multicenter Study with Independent Clinical Review*, accepted for publication in Spine.

Sampath, P., BenDebba, M., Davis, J.D., Ducker, T.B. *Outcome of Patients Treated for Myelopathy: A Prospective, Multicenter Study with Independent Clinical Review*, accepted for publication in Spine.

Davis, J.D., Ducker, T.B. *Clinical Opinion: Retrolisted odontoid fracture*, in press, Journal of Spinal Disorders.

Firestone, T.P., Krackow, K.A., Davis, J.D., Teeny, S.M., Hungerford, D.S. *The management of fixed flexion contractures during total knee arthroplasty*, Clinical Orthopedics and Related Research. (284): 221-7, 1992.

Davis, J.D. Book Review of *In Search of a Modern Hippocrates*, Roger J. Bulger, ed. The Journal of the American Medical Association, March 2, 1990. Vol. 263, No. 9, p. 1292.

ABSTRACTS

Davis, J.D., Sampath, P., BenDebba, M., Ducker, T.B. *Outcome of Patients with Axial Neck Pain in the American Cervical Spine Research Society (CSRS) Study*, Platform presentation, European Cervical Spine Research Society Annual Meeting, Varese, Italy, September 17, 1998.

Davis, J.D., Sampath, P., BenDebba, M., Ducker, T.B. *Outcome Analysis of Patients with Isolated Neck Pain in the United States: Results of the Cervical Spine Research Society Study*, Platform presentation, American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, April 25-30, 1998.

Sampath, P., Davis, J.D., BenDebba, M., Ducker, T.B. *Outcome Analysis of Patients with Myelopathy in the United States: Results of the Cervical Spine Research Society Study*, Platform presentation, American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, April 25-30, 1998.

Davis, J.D., Vornov, J.J., Tamargo, R.J. *A Comparison of Hypothermia and Methyl Isobutyl Amiloride as Cerebroprotectants Against Ischemia*, Poster presentation, AANS/CNS Joint Cerebrovascular Section Annual Meeting, Feb., 1997. Published in the Proceedings of the 1998 Joint ASITN/SCVS Annual Meeting, p. 73.

Davis, J.D., Sampath, P., BenDebba, M., Ducker, T.B. *Patient Demographics and Treatment Practices in the Cervical Spine Research Society (CSRS) Study*, Poster presentation, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.

Davis, J.D., Sampath, P., BenDebba, M., Ducker, T.B. *Outcome of Patients with Axial Neck Pain in the Cervical Spine Research Society (CSRS) Study*, Platform presentation, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.

Sampath, P., Davis, J.D., BenDebba, M., Ducker, T.B. *Outcome of Patients with Radiculopathy in the Cervical Spine Research Society (CSRS) Study*, Poster presentation, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.

Sampath, P., Davis, J.D., BenDebba, M., Ducker, T.B. *Outcome of Patients with Myelopathy in the Cervical Spine Research Society (CSRS) Study*, Platform presentation, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.

Davis, J.D., Pinn, M., Tyler, B.M., Williams, J., Zasloff, M., Brem, H. *Inhibition of 9L Glioma Growth by Squalamine, a Novel Angiogenesis Inhibitor*, Platform presentation, Research Society of Neurological Surgeons Annual Meeting, Jackson, Mississippi, 1997.

Sampath, P., Davis, J.D., Wall, M.E., Wani, M.C., Tyler, B.M., Brem, H., Wiengart, J.D. *Cytotoxicity of Camptothecin Analogs In Vitro Against Glioma Cell Lines*, Poster presentation, Society for Neurooncology Annual Meeting, Charlottesville, VA, Oct. 31 – Nov. 2, 1997.

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Continued

Sampath, P., Davis, J.D., Wall, M.E., Wani, M.C., Tyler, B.M., Brem, H. *Camptothecin Analogs: Effect In Vitro Against Glioma Cell Lines*, Poster presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, September 27 – October 2, 1997.

Davis, J.D., Pinn, M., Tyler, B.M., Williams, J., Zasloff, M., Brem, H. *In Vivo Inhibition of 9L Glioma Growth by Squalamine, a Novel Angiogenesis Inhibitor*, Poster presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, October 1997.

Davis, J.D., Bohan, E., Olivi, A., Long, D.M., Sampath, P., Brem, H. *Clinical Experience with Gliadel at the Johns Hopkins Hospital*, Poster presentation, Society for Neurooncology Scientific Meeting, Santa Fe, NM, November 1996.

Sills, A.K., Davis, J.D., Brem, H. *Prolongation of Survival by Interstitial Dexamethasone in a Rat Glioma Model*, Poster presentation, American Association of Neurological Surgeons Meeting, San Francisco, CA, April 1992.

Firestone, T.P., Krackow, K.A., Davis, J.D., Teeney, S.M., Hungerford, D.S. *The Management of Fixed Flexion Contractures During Total Knee Arthroplasty*, Oral presentation, American Academy of Orthopedic Surgeons Annual Meeting, 1991.

BOOK CHAPTER

Davis, J.D., Brem, H. *Slow Release Polymers for Chemotherapy*, in Neural Prostheses, Robert J. Maciunes, Ed. AANS Publication, 2000.

INVITED LECTURES

Management of Cervical Spondylosis and Disc Disease in the Injured Worker. Mississippi Defense Lawyers and Mississippi Claim Lawyers Joint Seminar, October 16, 2008.

Surgical Management of Cervical Spine Disease in the Workers Compensation Population. Mississippi Association of Self Insured, Jackson, Mississippi, February 12, 2008.

Overview of the Economic Healthcare Crisis in America, Mississippi Neurosurgical Society Annual Meeting. Biloxi, Mississippi, January 12-13, 2008.

Surgical Management of Cervical Spondylosis and Disc Disease. Physical Therapy Meeting at University Medical Center, Jackson, Mississippi.

Economic Healthcare Crisis and Neurosurgery. Joint Mississippi/Louisiana Neurosurgical Society Meeting, New Orleans, Louisiana, May 3-4, 2007.

Economics of the Healthcare Crisis in America. Mississippi State Neurosurgery Society Annual Meeting, New Orleans, Louisiana, January 18, 2004.

Economics of the Healthcare Crisis in America. River Oaks Hospital Annual Staff Meeting, October 21, 2003.

Overview of Medical Economics and Health Care Reform. The Johns Hopkins Medical and Surgical Association Biennial Meeting, Baltimore, Maryland, June 11, 1999.

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Current Management of High Grade Gliomas. Grand Rounds, Department of Neurosurgery, Stanford University, Palo Alto, California, September 30, 1998.

Local Delivery of Chemotherapy for the Treatment of Brain Tumors. Deaconess Medical Center, Spokane, Washington, April 22, 1998.

Management of Malignant Gliomas. Wichita Society of Neuroscience Monthly Meeting, Wichita, Kansas, April 6, 1998.

New Approaches in the Treatment of Brain Tumors. Grand Rounds, Department of Neurosurgery, University of New Mexico School of Medicine, Albuquerque, New Mexico, March 27, 1998.

New Technologies in the Management of Malignant Gliomas. Tumor Board, Baptist Hospital of Pensacola, Pensacola, Florida, January 9, 1998.

New Approaches in Brain Tumor Therapy. Tumor Conference, West Florida Cancer Center, Pensacola, Florida, June 24, 1997.