

# **JOHN DANIEL DAVIS IV, M.D.**

## **CURRICULUM VITAE**

### **EDUCATION:**

The Johns Hopkins University School of Public Health  
Baltimore, Maryland (9/97-5/99)  
Masters in Health Finance and Management received May 1999

The Johns Hopkins University School of Medicine  
Baltimore, Maryland (1988-1992)  
M.D. received May 1992

Mississippi State University, Mississippi State, Mississippi (1984-1988)  
Bachelor of Science in Engineering-Summa Cum Laude

Jackson Preparatory School, Jackson, Mississippi (1980-1984)  
Star Student for the Class of 1984

### **PROFESSIONAL TRAINING / EXPERIENCE:**

Private practice of Neurosurgery-Jackson, Mississippi (July, 1999-present)  
NewSouth NeuroSpine, 2470 Flowood Dr., Flowood, MS 39232 601-936-0400

Instructor and Assistant Chief of Service, Department of Neurosurgery  
The Johns Hopkins Hospital, Baltimore, Maryland (July, 1998-June, 1999)

Hunterian Research Fellow in Neurooncology and Cerebrovascular Disease  
Department of Neurosurgery, The Johns Hopkins University School of Medicine,  
Baltimore, Maryland (July, 1996-June, 1998)

Chief Resident, Department of Neurosurgery  
The Johns Hopkins Bayview Medical Center, Baltimore, Maryland (January, 1996-June,  
1996)

Senior Resident, Pediatric Neurosurgery Service, Department of Neurosurgery  
The Johns Hopkins Hospital, Baltimore, Maryland (July, 1995-December, 1995)

Assistant Resident, Department of Neurosurgery  
The Johns Hopkins Hospital, Baltimore, Maryland (July, 1993-June, 1995)

Intern, Department of Surgery  
The Johns Hopkins Hospital, Baltimore, Maryland (July, 1992-June, 1993)

### **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  
Appelwhite 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 Neurosurgical 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 MS-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, Horation 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, 1988-1992  
 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

### **CERTIFICATION / LICENSURE:**

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

**ARTICLES:**

Sills AK, Williams JI, Tyler BM, Epstein DS, Sipos EP, **Davis JD**, McLane MP, Pitchford S, Schonwetter B, Gannon FH, Kinney WA, Chao TL, 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 JD**, BenDebba M, Sampath P, Ducker TB. Outcome of Patients Treated for Axial Neck Pain: A Prospective, Multicenter Study with Independent Clinical Review. accepted for publication in Spine.

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

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

**Davis JD**, Ducker TB. Clinical Opinion: Retrolisthesed odontoid fracture. in press, Journal of Spinal Disorders.

Firestone TP, Krackow KA, **Davis JD**, Teeney SM, Hungerford DS. The management of fixed flexion contractures during total knee arthroplasty. Clinical Orthopedics and Related Research. (284): 221-7, 1992.

**Davis JD**: 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 JD**, Sampath P, BenDebba M, Ducker TB. Outcome Of Patients With Axial Neck Pain In The American Cervical Spine Research Society (CSRS) Study. Platform presentation at the European Cervical Spine Research Society Annual Meeting, Varese, Italy, September 17, 1998.

**Davis JD**, Sampath P, BenDebba M, Ducker TB. Outcome Analysis of Patients with Isolated Neck Pain in the United States: Results of the Cervical Spine Research Society

Study. Platform presentation at the American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, April 25-30, 1998.

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

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

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

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

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

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

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

Sampath P, **Davis JD**, Wall ME, Wani MC, Tyler BM, Brem H, Wiengart JD. Cytotoxicity of Camptothecin Analogs In Vitro Against Glioma Cell Lines. Poster presentation at the Society for Neurooncology Annual Meeting, Charlottesville, VA, Oct 31 – Nov 2, 1997.

Sampath P, **Davis JD**, Wall ME, Wani MC, Tyler BM, Brem H. Camptothecin Analogs: Effect in Vitro Against Glioma Cell Lines. Poster presentation at the Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, Sept 27 – Oct 2, 1997.

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

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

Sills AK, **Davis JD**, Brem H. Prolongation of Survival by Interstitial Dexamethasone in a Rat Glioma Model. Poster presentation at the American Association of Neurological Surgeons Meeting, San Francisco, CA, April, 1992.

Firestone TP, Krackow KA, **Davis JD**, Teeney SM, Hungerford DS. The management of fixed flexion contractures during total knee arthroplasty. Oral presentation at the American Academy of Orthopedic Surgeons Annual Meeting, 1991.

### **BOOK CHAPTER:**

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

### **INVITED LECTURES:**

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

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

Overview of the Economic Healthcare Crisis in America. MS Neurosurgical Society Annual Meeting. Biloxi, MS. Jan 12 – 13, 2008.

Surgical Management of Cervical Spondylosis and Disc Disease. Physical Therapy Meeting at UMC.

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

Economics of the Healthcare Crisis in America with Annual meeting of the Mississippi State Neurosurgery Society, New Orleans, LA., January 18, 2004

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

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

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 Techniques 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.