

JOHN DANIEL DAVIS IV, M.D.

CURRICULUM VITAE

PERSONAL:

Address: (W) One Layfair Dr. Suite 120
Flowood, Mississippi 39232
Phone: (601) 936-0400
FAX: (601) 936-0401

Birth date: September 13, 1966

Birthplace: Starkville, Mississippi

Marital Status: married to Lesley Alana Andress Davis

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)
Clinical Assistant Professor of Neurosurgery, The University of Mississippi School of
Medicine

PROFESSIONAL TRAINING / EXPERIENCE (cont):

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

Phi Kappa Phi National Fellowship for Graduate and Professional Study, 1988-1989

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 Scholastic Society, Mississippi State University, Elected Fall,
1986; Student Vice-President, MSU Chapter, 1987-1988

Blue Key Honor Society, 1986-1988

Blue Key Honor Society Man of the Year, Mississippi State University-1985, 1987

College of Engineering Hall of Fame

Outstanding Sophomore Student in the College of Engineering, Mississippi State
University, 1986

Omicron Delta Kappa Honor Society, 1986-1988

President's List Scholar, Mississippi State University, 1984-1988

HONORS / AWARDS (cont.):

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:

Mississippi Neurosurgical Society/President 2005-Present/Secretary/Treasurer 2003-2004
 Chief of Staff- River Oaks Hospital 2008-2009
 AANS/CNS Joint Committee on Guidelines 2007 – Present
 Council of State Neurosurgical Society Delagate from MS 2002- Present
 Council of State Neurosurgical Society Southeast Quadrant-VP – 2006-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
 Society for Neurooncology
 Christian Medical and Dental Association
 Mississippi State Medical Association
 American Medical Association

COMMUNITY ACTIVITIES:

Physician Panelist, Horation Alger Youth Seminar, Jackson Preparatory School, Jackson,
 Mississippi-2001
 First Presbyterian Church, Jackson, Mississippi-Member since 2001
 - President- Shepherds Sunday School Class 2005-2006
 - Discipleship Small Group Leader 2005-2006
 - Childrens Church Time Teacher 2002-present
 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
 Selection Committee for the Mississippi State University Medical Alumni Association
 Pre-Medical Scholarship, 1988
 Chairman of Sorority Division, Mississippi State University United Way Fund Drive,
 1986
 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 #: D0051174 (expired)
 Mississippi Medical License #: 16339

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, Laterra 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.

ARTICLES (cont.):

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. Oral 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. Oral presentation at the American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, April, 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. Oral presentation at the American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, April, 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, 1998.

ABSTRACTS (cont.):

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

Davis JD, Pinn M, Tyler BM, Williams J, Zasloff M, Brem H. Inhibition of 9L Glioma Growth by Squalamine, a Novel Angiogenesis Inhibitor. Oral 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, 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, October, 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.

ABSTRACTS (cont.):

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 Protheses, Robert J. Maciunes, Ed. AANS Publication, 2000

INVITED LECTURES:

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

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

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.