

JOHN DANIEL DAVIS IV, M.D.



Mississippi's Spine Center

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NewSouth NeuroSpine
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Flowood, MS 39232
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DIVISION OF SURGERY 601.936.0400

Eric Amundson, MD
Philip Azordegan, MD
John D. Davis, IV, MD
Jack Moriarity, MD
W. Lynn Stringer, MD
Matthew VanLandingham, MD
E. Greg Wood, III, MD
Kelsey A. Walsh, MD

DIVISION OF SPINAL INTERVENTION 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

EDUCATION

HIGH SCHOOL

Jackson Preparatory School
Jackson, Mississippi, Class of 1984
Star Student for the Class of 1984

UNDERGRADUATE

Mississippi State University
Mississippi State, Mississippi
Degree: Bachelor of Science in Engineering
May 1988
Summa cum laude

MEDICAL SCHOOL

The Johns Hopkins University School of Medicine
Baltimore, Maryland
Degree: Doctor of Medicine, May 1992

The Johns Hopkins University School of Public Health
Baltimore, Maryland
Degree: Masters in Health Finance and
Management, May 1999

PROFESSIONAL EXPERIENCE

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

CERTIFICATION AND LICENSURE

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

HONORS / AWARDS

MSU Bagley College of Engineering Alumni Visiting Fellow, 2021
Fall Commencement Speaker, Mississippi State University, 2017
Mississippi State University Central MS Alumnus of the Year, 2014
Distinguished Fellow, MSU Bagley College of Engineering, 2013
Alumnus of the Year, Dept of Bio Engineering, Mississippi State University, 2013
Pulse-Mississippi Healthcare Quarterly Healthcare Hero, 2011
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
National Merit Finalist Scholarship, 1984

PROFESSIONAL ORGANIZATIONS

Board of Health, State of Mississippi, 2021-present
AANS/CNS Washington Committee (AANS appointee), 2017-present World Neurosurgery (WNS) registered
Peer Reviewer, 2015-present
American Association of Neurological Surgeons, Board of Directors (SE Regional Director), 2012-2015
Neurosurgery PAC Board of Directors, 2009-present
Vice-Chairman, 2011-2014
Chairman, 2014-present
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, 2007-2012
Mississippi Neurological Society, President 2005-2007, Secretary/Treasurer, 2003-2004
Council of State Neurosurgical Societies (CSNS)

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Chairman Southeast Quadrant, 2009-2011

Vice-Chairman Southeast Quadrant, 2006-2008

Mississippi Delegate, 2002-Present

Medical Liaison Committee for Blue Cross Blue Shield of Mississippi, 2004-Present

River Oaks Hospital Credentials Committee, 2010-2011

Vice Chief of Staff – River Oaks Hospital, 2006-2007

Chief of Surgery-River Oaks Hospital, 2004-2005

River Oaks Hospital Medical Executive Committee, 2002 - 2011

Preferred Health Services Physician Board of Directors, 2001-Present

First Choice Board of Directors, 2005-present

River Oaks Hospital Quality Management Committee, 2001- 2007, Chairman 2006-2007

Outcomes Committee, American Association of Neurological Surgeons / Congress of Neurological Surgeons – 1998-2002

Young Neurosurgeons Committee, American Association of Neurological Surgeons, 1997-2002

Congress of Neurological Surgeons

Christian Medical and Dental Association

Mississippi State Medical Association

COMMUNITY ACTIVITIES

Mississippi State University Foundation, Board of Directors, 2015-present

First Presbyterian Church, Jackson, Mississippi - Member since 2001

Deacon, 2012-present

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

The Kappa Sigma Fraternity, 1984-1988

Rush Chairman, 1986-1987

National Convention Delegate, 1985

Pledge Class President, 1984

ARTICLES

Prall JA, **Davis JD**, Jenkins NR. Editorial. Community Practice in the Time of COVID. J Neurosurg. 2020 April 24:1-2

Davis JD, Hsu W, Forbes J, Simon S, Cheng J. The Economic Value of a Neurosurgeon to a Hospital. AANS Neurosurgeon 2013; 22 (3)

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.

Sampath P, BenDebba M, **Davis JD**, Ducker TB. Outcome in Patients with Cervical Radiculopathy: A Prospective, Multicenter Study with Independent Clinical Review. Spine. 1999 Mar 15; 25 (6) 591-7

Sampath P, BenDebba M, **Davis JD**, Ducker TB. Outcome of Patients Treated for Cervical Myelopathy: A Prospective, Multicenter Study with Independent Clinical Review. Spine. 2000 Mar 15; 25 (6) 670-6

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 198 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

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Analogues 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 Analogues: 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, J.D., Brem, H. Slow Release Polymers for Chemotherapy, in Neural Prosthesis, Robert J. Maciunes, Ed. AANS Publication, 2000.

INVITED LECTURES

Q&A Session on Healthcare Economics and Worker's Compensation in Mississippi. Mississippi Association of Self-Insurers Annual Fall Conference, August 26, 2021, Biloxi, MS.

Spine Surgery: The Good, the Bad, and the Ugly. Mississippi Baptist Medical Center Multispecialty Conference. March 13, 2020, Park City, Utah.

Neurosurgery, Policy Making, and Political Advocacy. Mississippi Neurosurgical Society Annual Meeting, January 18, 2020, Flowood, MS.

The Role of the Unaffiliated Neurotrauma Consultant in the NFL. Mississippi Baptist Medical Center Multispecialty Conference. March 15, 2019, Park City, Utah.

Neurosurgery, Policy Making, and Political Advocacy. Mississippi Neurosurgical Society Annual Meeting, January 19, 2019, New Orleans, LA.

Ethics and Economics in Spine Care. Joint Seminar of the MS Claims Assn and the MS Defense Lawyers Association, November 1, 2018, Flowood, MS.

The Role of the Unaffiliated Neurotrauma Consultant in the NFL. Mississippi Association of Self-Insurers Annual Fall Conference, September 20, 2018, Biloxi, MS.

Ethics and Economics in Spine Care. Mississippi Baptist Medical Center Multispecialty Conference. March 15, 2018, Park City, Utah.

Socioeconomics and Advocacy Update 2018. Mississippi Neurosurgical Society Annual Meeting, January 20, 2018, Flowood, MS.

Ethics and Economics in Spine Care. Mississippi Association of Self-Insurers, Summer Continuing Education Conference, July 27, 2017, Flowood, MS.

Socioeconomics and Advocacy Update 2017. Mississippi Neurosurgical Society Annual Meeting, January 21, 2017, Oxford, MS.

Evaluation of the Spine in the Injured Worker. Mississippi Association of Self-Insurers Winter Conference, March 3, 2016, Madison, MS.

Socioeconomics and Advocacy Update 2016. Mississippi Neurosurgical Society Annual Meeting, January 23, 2016, Flowood, MS.

Update on Neurosurgical Socioeconomics and Advocacy 2015. Mississippi Neurosurgical Society Annual Meeting, January 24, 2015, Flowood, MS.

Evaluation and Management of Cervical Spine Disorders. Joint Seminar of the MS Claims Association and the MS Defense Lawyers Association, October 16, 2014, Jackson, MS.

Cervical Disk Disease and Worker's Compensation. Mississippi Association of Self-Insurers Summer Meeting, July 15, 2014, Jackson, MS.

Management of Cervical Spondylosis and Disk Disease. MS Workers Compensation Commission Annual Convention, April 11, 2014, Biloxi, MS.

Ethics and Economics in Spine Surgery. Mississippi Association of Self-Insurers Fall Conference, September 27, 2013, Biloxi, MS.

Sports Related Cervical Spine Injuries: Evaluation, Treatment, and Return to Play. Mississippi Sports Medicine and Orthopedic Center, August, 2012, Jackson, MS.

Ethics and Economics in Spine Surgery. 2011 Joint Seminar of the MS Claims Association and the MS Defense Lawyers Association, October 20, 2011, Jackson, MS.

Sports Related Cervical Spine Injuries. Mississippi Sports Medicine Educational Conference, August 31, 2011, Jackson, MS.

What's Hot: Spine Surgery. AANS Annual Meeting, CME Course, May 2, 2010, Philadelphia, PA.

Ethics and Economics in Spine Surgery. MS Association of Self-Insured's Annual Conference. September 17, 2009, Biloxi, MS.

Healthcare Economics in 2009 – Bad News/Good News, MS Neurosurgical Society Annual Meeting, 2009.

Management of Cervical Spondylosis and Disk Disease in the Injured Worker. MS Defense Lawyers Association/MS Claims Association Joint Seminar. October 16, 2008, Ridgeland, MS.

Bundled Medicare Payment: Point-Counter Point. Council of State Neurosurgical Societies, September 20, 2008, Orlando, FL.

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

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

Surgical Management of Cervical Spondylosis and Disc Disease. Department of Physical Therapy Conference, University of Mississippi Medical Center. 2007, Jackson, MS.

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

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

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

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

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

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

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