

## CURRICULUM VITAE

**NAME:** Brent Thomas Alford

### **PRESENT POSITION AND ADDRESS:**

Brent Alford, MD, PA  
President & Partner  
Fort Worth Brain & Spine Institute, LLP  
1900 Mistletoe Blvd, Ste 200  
Fort Worth, TX 76104  
(817) 878-5333  
(817) 878-5334 Fax

### **BIOGRAPHICAL:**

Date of Birth: June 7, 1968  
Place of Birth: Austin, Texas  
Citizenship: USA

### **RESIDENCY TRAINING:**

June 1995 - June 2001:  
Division of Neurosurgery, Department of Surgery  
The University of Texas Medical Branch  
301 University Boulevard  
Galveston, TX 77555-05  
  
Division Chief: H. J. Nauta, MD, PhD

### **EDUCATION:**

September 1991 – June 1995:  
MD: University of Texas Southwestern Medical Center  
Dallas, TX  
  
September 1986 – December 1990:  
BBA: University of Texas at Austin  
Austin, TX  
Major: Finance

### **HONORS AND ACTIVITIES:**

Medical: Alpha Omega Alpha, Texas Alpha Chapter Chairman – Senior Blood Drive

Undergraduate: Brackenridge Hospital – ER Extern Program  
Lambda Chi Alpha Fraternity  
Rush Chairman, Social Chairman, Executive Committee  
Posse Student Service Organization  
Community Business Advisory Service  
Dean’s List 1987-1990 – University of Texas at Austin

**MEMBERSHIP IN SCIENTIFIC SOCIETIES:**

American College of Surgeons  
American Association of Neurological Surgeons  
Congress of Neurological Surgeons  
Joint Section on Neurotrauma & Critical Care  
Joint Section on Spine and Peripheral Nerve  
Texas Association of Neurological Surgeons  
Membership Chairman  
Executive Board  
Texas Medical Board  
EMS and Trauma Committee  
Child and Adolescent Health Committee  
Tarrant County Medical Society  
Legislative Committee

**EMPLOYMENT EXPERIENCE:**

|                |   |
|----------------|---|
| 2005 – Present | Fort Worth Brain and Spine Institute, LLP, Partner<br>Fort Worth, TX                  |
| 2001 – 2005    | Brent Alford, MD PA, Private Practice<br>Irving, TX                                   |
| 1994 – 1995    | Southwestern Medical Center, Dept. of Neurological Surgery: Research<br>Assistant     |
| 1994           | Southwestern Medical Center, Dept. of Anesthesiology: Extern Program                  |
| 1992           | Southwestern Medical Center, Dept. of Neurological Surgery: Summer<br>Research Fellow |
| 1991           | Caremark, Inc., Home Infusion Therapy   |
| 1988           | Austin Diagnostic Clinic, Dialysis Technician   |

## **LICENSURE INFORMATION:**

1997 – Present                      Texas; K1969

## **RESEARCH EXPERIENCE:**

1999 – 2000                      MEG Speech Mapping.  
UT Health Science Center  
Houston, TX

1997 – 2000                      Studies of traumatic brain injury, cerebrovascular disease, hypervascular  
spinal tumors & spondylodiscitis.  
University of Texas Medical Branch  
Galveston, TX

Summer 1992                      Research Fellow, Department of Neurological Surgery – Studies of  
Incomplete global cerebral ischemia  
Southwestern Medical Center  
Dallas, TX

## **BIBLIOGRAPHY:**

1. Crow WN, Borowski AM, Hadjipavlou AG, Walser EM, Arya S, Calme MB, Amps J, Jensen R, Somisetty S, Alford B, Adesokan A. Percutaneous transpedicular automated nucleotomy for debridement of infected discs. *Journal of Vascular Interventional Radiology*. 1997.
2. Alford BT, Nader R, Nauta HJN, Crow WN, Hadjipavlou AG. Pro-operative embolization and intraoperative cryo-Coagulation as adjuncts in hypervascular vertebral lesion resection. *Journal of Neurosurgery*, 97: p294-300; October 2002.

## **SCIENTIFIC EXHIBITS:**

1. Preston K, Alford BT, Batjer HH. A metabolic comparison of etomidate and thiopental in a canine model of incomplete global cerebral ischemia. *Congress of Neurological Surgeons Annual Meeting, Montreal, Canada October 1, 1996.*
2. Crow W, Alford B, Hadjipavlou A. Percutaneous Transpedicular Discectomy for Spondylodiscitis. *The 65<sup>th</sup> Annual Meeting of the American Association of Neurological Surgeons, Denver, Colorado, April 12-17, 1997.*
3. Crow W, Borowski A, Alford B, Hadjipavlou A. Percutaneous Transpedicular Automated Nucleotomy for Debridement of Infected Discs. *1997 Annual Meeting of the American Roentgen Ray Society, Boston, MA, May 4-9, 1997.*

4. Crow, Borowski A, Alford B, Hadjipavlou A. Imaging of Spondylodiscitis. Joint annual Meetings of the American Society of Neuroradiology and the American Society of Head & Neck Radiology, Metro Toronto Convention Centre, Toronto, Canada, May 15-22, 1997.
5. Crow W, Borowski A, Alford B, Hadjipavlou A. Hemostasis of Hypervascular Spinal Tumors with Preoperative Embolization and/or Intraoperative Cryocoagulation. American Society of Interventional and Therapeutic Neuroradiology/World Federation of Interventional and Therapeutic Neuroradiology, Scientific Conference, New York City, New York, September 12-16, 1997.
6. Crow W, Borowski A, Alford B, Hadjipavilou A. Pseudoaneurysms Revisited: Update on Therapeutic Options. American Society of Interventional and Therapeutic Neuroradiology/World Federation of Interventional and Therapeutic Neuroradiology. Scientific Conference, New York City, New York, September 12-16, 1997.
7. Crow W, Borowski A, Alford B, Hadjipavilou A. Spinal Angiography and Endovascular Interventions. 83<sup>rd</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, Nov. 30 - Dec. 5, 1997.
8. Crow W, Alford B, Hadjipavilou A. Hemostasis of Hypervascular Spinal Tumors with Pre-Operative Embolization and/or Intraoperative Cryocoagulation. 83<sup>rd</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, Nov. 30 - Dec. 5, 1997.
9. Crow W, Borowski A, Alford B, Chen J. Spinal Angiography and Endovascular Interventions. SNR XVI/ASNR 36<sup>th</sup> Annual Meeting, Philadelphia, PA, May 15-21, 1998.
10. Sitton C, Crow W, Alford B, Hadjipavilou A. Spinal Intervention: Techniques of Provocative Pain Testing. SNR XVI/ASNR 36<sup>th</sup> Annual Meeting, Philadelphia, PA, May 15-21, 1998.
11. Crow W, Vrabec J, Chen J, Alford B, Borowski A. Pharyngeal Hemorrhage: Emergency Endovascular Treatment. SNR XVI /ASNR 36<sup>th</sup> Annual Meeting, Philadelphia, PA, May 15-21, 1998.
12. Borowski A, Crow W, Alford B, Chen J. Electrolytically Detachable Embolization Coils: A Review of Utilization. 84<sup>th</sup> Annual meeting of the Radiological Society of North America, Chicago, IL, Nov. 29-Dec. 4, 1998.
13. Crow W, Borowski A, Alford B, Chen J. Pseudoaneurysms Revisited: Update on Therapeutic Options, 84<sup>th</sup> Annual meeting of the Radiological Society of North America, Chicago, IL, Nov. 29-Dec. 4, 1998.
14. Alford B, Hadjipavilou A, Crow W. Intraoperative Cryocoagulation as an adjunct in Hypervascular Vertebral Lesion Resection. Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Lake Buena Vista, FL, February 10-13, 1999.

15. Alford B, Chen J. Comparison of Surgical and Endovascular Treatment of Cerebral Aneurysms. The American Association of Neurological Surgeons Annual Meeting, New Orleans, LA, April 24-29, 1999.
16. Alford B, Chen J. Comparison of Surgical and Endovascular Treatment of Cerebral Aneurysms. Brain Injury Association of Texas - 1999 State Conference, Houston, TX, August 27-28, 1999.
17. Alford B, Chen J, Crow W, Sitton C, Downs K., Comparison of Surgical and Endovascular Treatment of Cerebral Aneurysms with Regard to Hospital Course and Outcome, American Society of Neuroradiology, 38<sup>th</sup> Annual Meeting, April 2-8, 2000.
18. Alford B, Chen J, Crow W, Sitton C, Downs K., Comparison of Surgical and Endovascular Treatment of Cerebral Aneurysms with Regard to Hospital Course and Outcome, 4<sup>th</sup> Annual Meeting of the AANS/CNS Section of Cerebrovascular Surgery, Hawaii, February 9-12, 2001.
19. Sitton C, Downs K, Alford B, Crow W. Carotid Angiogram and Ultrasound Duplex: A Comparative Study; 4<sup>th</sup> Annual Meeting of the AANS/CNS Section of Cerebrovascular Surgery, Hawaii, February 9-12, 2001.
20. Alford B, Downs K, Painter T, Crow W., Intracranial Pressure and cerebral Perfusion Pressure Alterations During Intraarterial Papaverine Infusion for Vasospasm Associated with Aneurysmal Subarachnoid Hemorrhage. American Society of Neuroradiology, 39<sup>th</sup> Annual Meeting, Boston, MA, April 23-27, 2001.

#### **LECTURES/PRESENTATIONS:**

1. Crow W, Borowski A, Alford B. Hadjiplavlou A. Percutaneous Transpedicular Automated Nucleotomy for Debridement of Infected Discs. 22<sup>nd</sup> Annual Meeting of Society of Cardiovascular and Interventional Radiology, Washington, D.C., March 8-13, 1997.
2. Crow W, Borowski A, Alford B. Percutaneous Transpedicular Automated Nucleotomy for Debridement of Infected Discs. Joint Annual Meeting of The American Society of Head & Neck Radiology, Metro Toronto, Canada, May 15-22, 1997.
3. Sitton C, Crow W, Alford B, Hadjiplavlou A. Spinal Intervention: Techniques in Provocative Pain Testing. 1998 Annual Meeting of the American Roentgen Ray Society, San Francisco, CA, April 26-May 1, 1998.
4. Crow W, Borowski A, Alford B. Hadjiplavlou A. Hemostasis of Hypervascular Spinal Tumors with Preoperative Embolization and/or Intraoperative Cryocoagulation. 1998 Annual Meeting of the American Roentgen Ray Society, San Francisco, CA, April 26-May 1, 1998.
5. Crow W, Borowski A, Alford B, Chen J. Pseudoaneurysms Revisited: Update on Therapeutic Options. 1998 Annual Meeting of the American Roentgen Ray Society, San Francisco, CA, April 26-May 1, 1998.

6. Alford B, Maggio W, Brier J, Simos P, Gormley W, Constaninou J, Wheless J, Zouridakis G, Papanicolaou A. Magnetic Source Imaging Speech Mapping: Comparison with Direct Cortical Stimulation Speech Mapping. Congress of Neurological Surgeons, Boston, Massachusetts, October 31- November 4, 1999.
7. Alford, BT., Neuroanatomy. Continuing Nursing Education, UTMB, May 11, 2000.
8. Alford BT, Nader, R, Gelman, B, Rauf, P, Visvesvara, G, Nauta, H. Amoebic Brain Abscess: Case Report and Review of the Literature. 2000 Annual Meeting of the Texas Association of Neurological Surgeons, San Antonio, Texas. May 26-27, 2000.
9. Alford BT, Chen JW, Crow W, Sitton C, Downs K., Comparison of Surgical and Endovascular Treatment of Cerebral Aneurysms with Regard to Hospital Course and Outcome. Singleton Surgical Society Meeting, June 9, 2000, The University of Texas Medical Branch - Galveston, Texas.
10. Alford BT, Crow W, Downs K., Intracranial Pressure and Cerebral Perfusion Pressure Alterations During Intraarterial Papaverine Infusion for Vasospasm Associated with Aneurysmal Subarachnoid Hemorrhage. 4<sup>th</sup> Annual Meeting of the AANS/CNS Section on Cerebrovascular Surgery, Friday, February 9<sup>th</sup> - Monday, February 12<sup>th</sup>, 2001.
11. Alford BT. Neck pain: Is surgery indicated? Neurology for Primary Care Practitioners, February 13<sup>th</sup>, 2004.
12. Alford BT. Brain tumor Update. CST Annual Meeting, March 2, 2008.

#### **SELECTED GRAND ROUNDS:**

|                |  |
|----------------|--|
| January 1997   | Chronic Subdural Hematomas                                 |
| February 1997  | Rheumatoid Arthritis and the Cervical Spine                |
| March 1997     | Spinal Cord Compression from Extra Medullary Hematopoiesis |
| June 1997      | Carotid Cavernous Fistula                                  |
| July 1997      | Syringomyelia  |
| August 1997    | Cavernous Malformation                                     |
| January 1998   | Klippel-Feil Syndrome                                      |
| May 1998       | Spina Bifida   |
| March 1999     | Temporal Lobe Epilepsy                                     |
| October 1999   | MEG Speech Mapping   |
| May 2000       | Coil vs Clip for Cerebral Aneurysms                        |
| July 2000      | Occult Spinal Dysraphism                                   |
| August 2000    | Craniopharyngioma  |
| October 2000   | ICP During Papaverine Infusion                             |
| December 2000  | Intraventricular Neurocytoma                               |
| January 2001   | Benign Tumors of the Spine                                 |
| April 2001     | Piriformis Syndrome  |
| 2002 – Present | Various nursing educational lectures                       |