

# Jonathan A. Friedman, MD

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Bryan, TX 77807  
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**Positions**      Regional Associate Chair of Surgery – Bryan/College Station Campus  
Texas A&M Health Science Center  
College of Medicine  
College Station, TX

Professor  
Department of Neuroscience and Experimental Therapeutics  
Texas A&M Health Science Center  
College of Medicine  
College Station, TX

Professor  
Department of Surgery  
Texas A&M Health Science Center  
College of Medicine  
College Station, TX

Director  
The Texas Brain and Spine Institute  
Bryan-College Station, TX

Staff Neurosurgeon  
St. Joseph Medical Center  
Bryan, TX  
  
College Station Medical Center  
College Station, TX  
  
The Physician's Centre  
Bryan, TX  
  
Scott & White Hospital  
College Station, TX

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<b>Prior Appointments</b>	Associate Professor Department of Neuroscience and Experimental Therapeutics Texas A&M Health Science Center College of Medicine College Station, TX	<b>2008-2014</b>
	Associate Professor Department of Surgery Texas A&M Health Science Center College of Medicine College Station, TX	<b>2008-2014</b>
	Chief Medical Officer Faculty Practice Plan Texas A&M Health Science Center College of Medicine	<b>2008-2010</b>

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	Associate Dean, Bryan – College Station Campus Texas A&M Health Science Center College of Medicine College Station, TX	<b>2007-2010</b>
	Assistant Professor Department of Surgery Texas A&M Health Science Center College of Medicine College Station, TX	<b>2005-2008</b>
	Assistant Professor Department of Neuroscience and Experimental Therapeutics Texas A&M Health Science Center College of Medicine College Station, TX	<b>2005-2008</b>
	Assistant Professor Department of Surgery (Neurosurgery) Dartmouth Medical School Lebanon, NH	<b>2003-2005</b>
	Staff Neurosurgeon Dartmouth Hitchcock Medical Center Lebanon, NH	<b>2003-2005</b>

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<b>Training and Education</b>	Executive Development Program for Associate Deans and Chairs AAMC and Harvard Medical School Fort Lauderdale, FL	<b>2008</b>
	Leadership Program in Health Policy and Management Heller School for Social Policy and Management Brandeis University Boston, MA	<b>2008</b>
	Chief Resident in Neurosurgery Mayo Clinic, Rochester	<b>2002-2003</b>
	Resident in Neurosurgery Mayo Clinic, Rochester	<b>1998-2002</b>
	Intern in General Surgery University of California, San Francisco	<b>1997-1998</b>
	Doctor of Medicine University of California, San Francisco	<b>1993-1997</b>
	Bachelor of Arts, Neurobiology University of California, Berkeley	<b>1988-1992</b>

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<b>Licensure and Certification</b>	Board Certified American Board of Neurological Surgery	<b>2006 to Present</b>
	Medical Licensure Texas	<b>2005 to Present</b>
	New Hampshire	<b>2003-2005</b>
	Arizona	<b>2002-2004</b>

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	Wisconsin	<b>2000-2003</b>
	Minnesota	<b>1998-2003</b>
	United States Medical Licensing Examination	
	Step 3	<b>1997</b>
	Step 2	<b>1997</b>
	Step 1	<b>1995</b>
<b>Membership</b>	<b>Member</b>	<b>2010 to Present</b>
	Neurosurgical Society of America	
	<b>Member</b>	<b>2007 to Present</b>
	Texas Association of Neurological Surgeons	
	<b>Fellow</b>	<b>2007 to Present</b>
	American College of Surgeons	
	<b>Member</b>	<b>2007 to Present</b>
	Neurocritical Care Society	
	<b>Member</b>	<b>2006 to Present</b>
	Faculty of Neuroscience	
	Texas A&M University	
	<b>Member</b>	<b>2005 to Present</b>
	Brazos Valley Physicians Organization	
	<b>Member</b>	<b>1999 to Present</b>
	American Association of Neurological Surgeons	
	<b>Member</b>	<b>1999 to Present</b>
	Congress of Neurological Surgeons	
	<b>Member</b>	<b>2007 to 2014</b>
	Chancellor's Century Council	
	Texas A&M University	
	<b>Member</b>	<b>2001 to 2014</b>
	Joint Section on Cerebrovascular Surgery	
	American Association of Neurological Surgeons/	
	Congress of Neurological Surgeons	
	<b>Member</b>	<b>2004-2006</b>
	North American Skull Base Society	
	<b>Member</b>	<b>2004-2005</b>
	New England Neurosurgical Society	
	<b>Member</b>	<b>2002-2006</b>
	Joint Section on Tumors	
	American Association of Neurological Surgeons/	
	Congress of Neurological Surgeons	
	<b>Member</b>	<b>2002-2004</b>
	Society for Neuroscience	
	<b>Associate Member</b>	<b>2001-2004</b>
	American Society of Interventional and Therapeutic	
	Neuroradiology	

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	Member	<b>2001-2004</b>
	American Association for the Advancement of Science	
	Member	<b>2001-2004</b>
	Mayo Foundation Chapter	
	Sigma Xi Scientific Research Society	
	Member	<b>1998-2003</b>
	Minnesota Medical Association	
	Member	<b>1998-2003</b>
	Zumbro Valley Medical Association	

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<b>Professional Activities</b>	Member, Texas A&M Task Force CHI St. Joseph Regional Health Center	<b>2016 to Present</b>
	Member, Medal Committee Neurosurgical Society of America	<b>2014 to Present</b>
	Member, Perioperative Services Committee Scott & White Hospital-College Station	<b>2014 to Present</b>
	Member, Stroke Committee College Station Medical Center	<b>2012 to 2014</b>
	Reviewer, American Association of Neurological Surgeons/ Congress of Neurological Surgeons Health Policy Scholarship Program	<b>2009 to Present</b>
	Member, Internal Advisory Board Center for Research on Biological Clocks Texas A&M University System	<b>2009 to 2014</b>
	Information Technology Committee American Association of Neurological Surgeons	<b>2009 to 2014</b>
	Working Group for Paperless Meeting – Annual Meeting American Association of Neurological Surgeons	<b>2009-2010</b>
	Ad hoc Committee on Annual Meetings American Association of Neurological Surgeons	<b>2008-2010</b>
	Associate Member Graduate Faculty, Texas A&M Health Science Center Graduate School of Biomedical Sciences	<b>2008</b>
	Member, Governmental Relations Bill Analysis Team Health Related Issues Texas A&M Health Science Center	<b>2008</b>
	Texas A&M Health Science Center College of Medicine Executive Committee	<b>2007-2010</b>
	Washington Committee American Association of Neurological Surgeons/ Congress of Neurological Surgeons	<b>2007-2010</b>
	Trauma Services Committee St. Joseph Hospital	<b>2007-2010</b>

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Bryan, TX	
Membership Committee Faculty of Neuroscience Texas A&M University	<b>2007-2009</b>
Texas A&M Health Science Center New Campus Master Plan Steering Committee	<b>2007-2009</b>
Physician Integration Steering Committee St. Joseph Hospital Bryan, TX	<b>2007</b>
Director, Stroke Committee St. Joseph Hospital Bryan, TX	<b>2006-2009</b>
President's Advisory Council St. Joseph Health System Bryan, TX	<b>2006-2009</b>
Faculty Search Committee Department of Neuroscience and Experimental Therapeutics Texas A&M Health Science Center College of Medicine	<b>2006-2007</b>
Digital Technology Committee American Association of Neurological Surgeons	<b>2004-2005</b>
Resident Duty Hours Committee Section of Neurosurgery Dartmouth Hitchcock Medical Center	<b>2004-2005</b>
Clinical Oncology Affiliate Member Norris Cotton Cancer Center Dartmouth Hitchcock Medical Center	<b>2004-2005</b>
Co-Director Stroke Program Dartmouth Hitchcock Medical Center	<b>2003-2005</b>
Member Benefits Committee American Association of Neurological Surgeons	<b>2002-2005</b>
• Team Leader, Member Services Subcommittee	<b>2003-2005</b>
• Clinical Education Subcommittee	<b>2003-2005</b>
• Publications Subcommittee	<b>2003-2005</b>
• Liaison to NeurosurgeryToday.org website	<b>2003-2004</b>
Young Neurosurgeons Committee American Association of Neurological Surgeons	<b>2000-2010</b>
• Chairman	<b>2009-2010</b>
• Liaison to AANS Board of Directors	<b>2009-2010</b>
• Liaison to AANS Scientific Program Committee	<b>2009-2010</b>
	<b>2003-2005</b>
• Vice-Chairman	<b>2007-2009</b>
• Secretary	<b>2005-2007</b>
• Editor, Newsletter	<b>2005-2007</b>
• Associate Editor, Newsletter	<b>2003-2005</b>
• Liaison to AANS Member Benefits Committee	<b>2001-2005</b>

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• Liaison to Neurosurgery:// On-Call Website	<b>2001-2004</b>
• Newsletter Subcommittee	<b>2001-2003</b>
• Subcommittee on Bylaws	<b>2001-2003</b>
Membership Committee American Association of Neurological Surgeons	<b>2001-2004</b>
Representative Board of Governors Mayo Fellows Association, Mayo Clinic	<b>1999-2003</b>
Library Committee Department of Neurosurgery, Mayo Clinic	<b>1998-2003</b>
Representative Professional Advisory Board Respite Care Home Health Agency, Wilmette, IL	<b>1997-1999</b>

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<b>Teaching</b>	Clinical Preceptor University Of Texas Medical Branch	<b>2014 to Present</b>
	Founding Faculty Advisor Bryan/College Station Surgery Interest Group	<b>2012 to Present</b>
	Faculty, Texas A&M Health Science Center College of Medicine 1 <sup>st</sup> year medical students - Gross Anatomy 1 <sup>st</sup> year medical students – Neuroscience in Medicine 2 <sup>nd</sup> year medical students –Preceptorship Program 3 <sup>rd</sup> year medical students – Neurosurgery component of Surgery Clerkship 4 <sup>th</sup> year medical students - Elective clerkship in Neurosurgery 4 <sup>th</sup> year medical students – Elective clerkship in Clinical Neuroscience	<b>2006 to Present</b>
	Medical Director Texas Brain and Spine Institute Physician’s Assistant Residency Program	<b>2010 to Present</b>
	Faculty Advisor Puya Alikhani Mehrzaad Zarghouni Ravi Kumar Sohum Desai Ramesh Kumar Kyle Mueller	<b>2008 to Present</b>
	Faculty Texas Brain and Spine Institute Summer Research Program	<b>2006 to Present</b>
	Faculty Texas A&M Health Science Center College of Medicine Medical Student Shadowing Program	<b>2006 to Present</b>
	Medical Students Mentored Puya Alikhani Ravi Kumar Sohum Desai	<b>2006 to Present</b>

Jeffrey Liu  
 Daniel Binz  
 Samantha Steelman  
 Eric Strickland  
 Mehrzad Zarghouni  
 Ramesh Kumar  
 Brian Allgaier  
 Kyle Mueller  
 Hormuz Nicolwala  
 Adam Kibola  
 Nathan Bertoldo  
 Kristen Arndt  
 Mitchell Petty  
 Bao Nguyen

Faculty	<b>2005 to Present</b>
Texas A&M University Undergraduate Shadow Program	
Faculty	<b>2003 to Present</b>
Dartmouth College Undergraduate Shadowing Program	
Invited Faculty	<b>2011</b>
<i>Controversies in the Management of Intracerebral Hematomas</i> American Association of Neurological Surgeons Annual Meeting Denver, CO	
Invited Faculty	<b>2010</b>
<i>Controversies in the Management of Intracerebral Hematomas</i> American Association of Neurological Surgeons Annual Meeting Philadelphia, PA	
Dissertation Committee –	
Samantha Steele, Ph.D. Candidate	<b>2008-2010</b>
Ex-vivo modeling of cerebral vasospasm	
Eric Strickland, Ph.D. Candidate	<b>2009 to 2014</b>
The role of micro RNAs in secondary injury after spinal cord injury	
Course Director	<b>2008</b>
<i>Choosing and Developing a Neurosurgical Practice</i> American Association of Neurological Surgeons Annual Meeting Chicago, IL	
Moderator	<b>2008</b>
Young Neurosurgeons Luncheon American Association of Neurological Surgeons Annual Meeting Chicago, IL	
Course Director	<b>2006, 2007</b>
<i>Neurosurgery in the Real World</i> American Association of Neurological Surgeons Annual Meeting	
Invited Faculty	<b>2005</b>
<i>Brainstem Cavernous Malformation</i> Digital Video Theater Congress of Neurological Surgeons Annual Meeting	

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 Boston, MA

Moderator		<b>2005</b>
	<i>Changing Career Paradigms in Cerebrovascular Neurosurgery</i> American Association of Neurological Surgeons Annual Meeting, New Orleans, LA	
Invited Faculty		<b>2003</b>
	<i>Normal Pressure Hydrocephalus: Decision making, techniques, and results.</i> Congress of Neurological Surgeons Annual Meeting Denver, CO	
<b>Editorial Activities</b>	Associate Editor	<b>2008 to 2015</b>
	<i>BioMed Central – Neurology</i>	
	Editorial Board	
	<i>Neurocritical Care</i>	<b>2003 to Present</b>
	<i>BioMed Central – Neurology</i>	<b>2001 to Present</b>
	<i>BioMed Central – Surgery</i>	<b>2001 to Present</b>
	Ad hoc Referee	
	<i>America Heart Association</i>	<b>2013</b>
	<i>Journal of Medical Case Reports</i>	<b>2012</b>
	<i>The World Journal of Emergency Surgery</i>	<b>2010</b>
	<i>Neurology India</i>	<b>2009</b>
	<i>Journal of Neurology</i>	<b>2009</b>
	<i>Neuroscience Research</i>	<b>2009</b>
	<i>Clinical Neurology and Neurosurgery</i>	<b>2004 to Present</b>
	<i>Journal of Neurology, Neurosurgery, and Psychiatry</i>	<b>2003 to Present</b>
	<i>Brain Research</i>	<b>2002 to Present</b>
	<i>Clinical Anatomy</i>	<b>2001</b>
	International Reviewers Panel	<b>2005 to Present</b>
	<i>Medical Science Monitor</i>	
	Reviewer	
	<i>Practical Reviews in Neurosurgery</i>	<b>2002-2004</b>
	<i>Neurosurgical Focus</i>	<b>2003</b>
	March 2003: Cerebral Revascularization for cerebral ischemic disease, aneurysms and skull base tumors	
	Assistant Editor	<b>1994-1995</b>
	<i>UCSF Journal of Medical Student Research</i>	

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<b>Honors and Awards</b>	Always Honor	<b>2016</b>
	CHI St. Joseph Health	
	Preceptor of the Year	<b>2014-2015</b>
	O.C. Cooper Preceptorship Program Texas A&M Health Science Center College of Medicine Family & Community Medicine	
	Champion of Care	<b>2009</b>
	St. Joseph Foundation, Bryan, TX	



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	Health Policy Scholarship American College of Surgeons American Association of Neurological Surgeons	2008
	Synthes Award for Resident Research in Spinal Cord and Spinal Column Injury Congress of Neurological Surgeons Annual Meeting Denver, CO	2003
	Mayo Brothers Distinguished Fellowship Award Mayo Clinic	2002
	Scholarly Clinician Award Mayo Foundation	2002
	First Place American College of Surgeons – Region V Committee on Trauma Resident Paper Competition	2000
	First Place American College of Surgeons - Minnesota Chapter Committee on Trauma Resident Paper Competition	2000
	Dean’s Research Fellowship University of California, San Francisco	1993 & 1994
	Graduation with High Honors University of California, Berkeley	1992
	Phi Beta Kappa	1991
	Fellowship for Research Studies Northwestern University	1989 & 1990
	Chancellor’s Scholar University of California, Berkeley	1988-1992
	Illinois State Scholar	1988
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<b>Employment</b>	Operations Manager Alta Bates Medical Associates, Berkeley, CA <ul style="list-style-type: none"> <li>• Managed operations of physician group</li> <li>• Coordinated accounts payable, negotiated vendor contracts, developed company infrastructure</li> </ul>	1992-93
	Clinical Volunteer West Side VA Hospital, Chicago, IL	1987
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<b>Laboratory</b>	Postdoctoral Fellow Department of Molecular Neuroscience Mayo Clinic, Rochester	2001-02
	Research Fellow Department of Neurosurgery University of Heidelberg, Germany	1994
	Research Fellow	1993

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	Department of Neurology University of California, San Francisco	
	Research Fellow	<b>1989 &amp; 1990</b>
	Department of Rheumatology Northwestern University, Chicago, IL	

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<b>Patents</b>	Spinal cord surgical implant U.S. Patent Number 7,163,545 B2 Filed 7/29/03    Granted 1/16/07	<b>2007</b>
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<b>Active Research Protocols</b>	MicroRNA as predictive markers for long term stroke recovery Role: Co-Principal Investigator	<b>2013</b>
	Sleep Related Factors in Cervical Disc Degeneration Role: Principal Investigator	<b>2010</b>
	Culture and characterization of vascular smooth muscle cells from intracranial aneurysms Role: Co- Principal Investigator	<b>2010</b>
	Deriving Neuronal Stem Cells from Human Brain Tumors for Regeneration and Repair Strategies Role: Co-Principal Investigator	<b>2007</b>

<b>Funding</b>	MicroRNA as predictive markers for long term stroke recovery TBSI Seed Grant Role: Co- Principal Investigator Annual Support: \$20,000 Status: Active	<b>2013</b>
	Epigenetics of the Aging Astrocyte: Implications for Stroke National Institute on Aging # 1R01AG042189-01 Role: Co-Investigator Annual Support: \$250,000 Status: Active	<b>2011</b>
	Culture and Characterization of Vascular Smooth Muscle Cells from Intracranial Aneurysms TBSI Seed Grant Role: Co- Principal Investigator Annual Support: \$15,000 Status: Active	<b>2010</b>
	Delivery of Schwann cells and chondroitinase via a biodegradable polymer vehicle for the treatment of spinal cord contusion The Morton Cure Paralysis Fund Role: Principal Investigator Annual Support: \$25,000 Status: Expired 4/03-4/05	<b>2003</b>
	Biodegradable polymer implants to promote axonal regeneration following spinal cord injury Ralph C. Wilson Medical Research Foundation Research Grant for Discovery in Biomedical Sciences Role: Co-Investigator Annual Support: \$50,000 Status: Expired 4/03-4/05	<b>2003</b>

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- Prospective investigation of volumetric quantification of aneurysmal subarachnoid hemorrhage on admission CT to predict symptomatic vasospasm **2002**  
 Mayo Foundation #1A2043  
 Role: Principal Investigator  
 Annual Support: \$2,500  
 Status: Expired 4/02-4/04
- Localization of CD4, CD8, and tenascin in human gliomas **1994**  
 University of California, San Francisco  
 Dean's Research Fellowship  
 Role: Mentored Fellow  
 Annual Support: \$3,000  
 Status: Expired 6/94-9/94
- Role of bFGF in angiogenesis and the inflammatory cascade **1993**  
 University of California, San Francisco  
 Dean's Research Fellowship  
 Role: Mentored Fellow  
 Annual Support: \$2,500  
 Status: Expired 6/93-9/93
- Effect of a novel angiogenesis inhibitor thrombospondin on rat adjuvant-induced arthritis **1989 & 1990**  
 Northwestern University  
 Fellowship for Research Studies  
 Role: Mentored Fellow  
 Annual Support: \$1,500  
 Status: Expired 6/89-9/89 and 6/90-9/90
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- Publications** Hartford, A, Paravati, B, Spire, W, Li, Z, Jarvis, Lesley, Fadul, C, Rhodes, CH, Erkmen, K, **Friedman, JA**, Gladstone, D, Hug, E, Roberts, D, Simmons, N. Postoperative Stereotactic Radiosurgery (SRS) Without Whole-Brain Radiation Therapy (WBRT) for Brain Metastases: Potential Role of Preoperative Tumor Size. Submitted to *Red Journal*.
- Kibola, A, McClelland, S, Hlavin, J, **Friedman, JA**. Pilomyxoid Astrocytoma in an Adult Woman: Case Report. In Preparation
- Kumar, R, **Friedman JA**. Subarachnoid Hemorrhage: The First 24 hours. A Surgeon's Perspective. *Neurocritical Care* 14(2): 287-290. April, 2011.
- Desai S, **Friedman JA**, Hlavin JC, Briner RP, Toussaint LG, White JB, Van Amerogen A. Disseminated enterogenous cells at the cervicomedullary junction causing communicating hydrocephalus. *Journal of Neurosurgery* 113(6): 1284-1286. December, 2010.
- Mulligan RP, **Friedman JA**, Mahabir RC. A nationwide review of the associations among cervical spine injuries and facial fractures. *J Trauma* 68(3):587-592. March, 2010.
- Cohen-Gadol AA, **Friedman JA**, Friedman JD, Tubbs RS, Munis JR, Meyer FB. Neurosurgical management of intracranial lesions in the pregnant patient: A 36 year institutional experience and review of the literature. *Journal of Neurosurgery*, 111(6):1150-1157. December, 2009.
- Bake S, **Friedman JA**, Sohrabji F. Reproductive age-related changes in the blood brain barrier: Expression of IgG and tight junction proteins. *Microvascular Research* 78: 413-424, December, 2009.
- Kumar R, **Friedman JA**. Intraoperative Angiography During Cerebral Aneurysm Surgery. *Neurocritical Care* 11(2): 299-302. May, 2009.

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**Friedman JA**, Kumar R. Intraoperative Angiography Should Be Standard in Cerebral Aneurysm Surgery. *BMC Surgery* 2009, 9:7, April, 2009.

Krych AJ, Rooney GE, Chen B, Schermerhorn T, Ameenuddin S, Gross L, Moore MJ, Currier BL, Spinner RJ, **Friedman JA**, Yaszemski MJ, Windebank AJ. Relationship between scaffold channel diameter and number of regenerating axons in the transected rat spinal cord. *Acta Biomaterials* 2009, Sep; 5(7):2551-9.

Liu JT, Briner RP, **Friedman JA**. Comparison of inpatient vs. outpatient anterior cervical discectomy and fusion. *BioMed Central Surgery* 9(3) March, 2009.

Binz DD, Toussaint LG, **Friedman JA**. Hemorrhagic Complications of Ventriculostomy Placement: A Meta-Analysis. *Neurocritical Care* 10(2): 253-256. February, 2009.

Desai S, **Friedman JA**, Hlavin JC, Kash F. Actively bleeding aneurysm demonstrated by CT angiography. *Clinical Neurology and Neurosurgery* 111(1): 94-96. January, 2009.

Farsad KF, Mamourian AC, Eskey CJ, **Friedman JA**. Computed tomographic angiography as an adjunct to digital subtraction angiography for the preoperative assessment of cerebral aneurysms. *Open Neurology Journal* 2009, 3:1-7, January, 2009.

Rabinowitz RS, Eck JC, Harper CM, Larson DR, Jiminez MA, Parisi JE, **Friedman JA**, Yaszemski MJ, Currier BL. Urgent surgical decompression compared to methylprednisolone for the treatment of acute spinal cord injury: A randomized prospective study in beagle dogs. *Spine* 33(21): 2260-2268. October, 2008.

Farsad KF, Hayek RA, Mamourian AC, **Friedman JA**. Computerized tomographic angiography for preoperative assessment of the superficial temporal artery for external carotid artery to internal carotid artery bypass. *Cases Journal* 1(1): 119. August, 2008.

**Friedman JA**, Taylor SA, McDermott W, Alikhani P. Multifocal and recurrent subarachnoid hemorrhage due to an herbal supplement containing natural coumarins. *Neurocritical Care* 7(1): 76-80. August, 2007.

Lee KH, Lukovits T, **Friedman JA**. "Triple-H" therapy for cerebral vasospasm following subarachnoid hemorrhage. *Neurocritical Care* 4(1): 68-76. February, 2006.

Moore MJ, **Friedman JA**, Lewellyn EB, Knight AM, Currier BL, Windebank AJ, Yaszemski MJ. Multiple-channel scaffolds to promote spinal cord axon regeneration. *Biomaterials* 27(3): 419-429. January, 2006.

Shah QA, **Friedman JA**, Mamourian AC. Spontaneous resolution of traumatic pseudo aneurysm of the middle meningeal artery. *AJNR American Journal of Neuroradiology* 26(10): 2530-2532. November, 2005.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Survival following cardiac arrest after aneurysmal subarachnoid hemorrhage. *Neurosurgery* 57(1): 25-31. July, 2005.

Collignon FP, **Friedman JA**, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Wijdicks EFM. Serum magnesium levels as related to symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage. *Neurocritical Care* 1(4): 441-448. January, 2005.

Rabinstein AA, **Friedman JA**, Nichols DA, Pichelmann MA, McClelland RL, Manno EM, Atkinson JLD, Wijdicks EFM. Predictors of outcome after endovascular treatment of cerebral vasospasm. *AJNR American Journal of Neuroradiology* 25(10): 1778-1782. November/December, 2004.

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Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Influence of aspirin on outcome after aneurysmal subarachnoid hemorrhage. *Journal of Neurosurgery* 101(6): 921-925. November, 2004.

**Friedman JA**, Lewellyn EB, Moore MJ, Schermerhorn TC, Knight AM, Currier BL, Yaszemski MJ, Ameenuddin S, Windebank AJ. Robust axon regeneration following surgical repair of the injured spinal cord with a novel biodegradable implant. *Clinical Neurosurgery* 51: 314-319. September, 2004.

Rabinstein AA, **Friedman JA**, Weigand S, McClelland RL, Fulgham JR, Manno EM, Atkinson JLD, Wijdicks EFM. Predictors of cerebral infarction in aneurysmal subarachnoid hemorrhage. *Stroke* 35(8): 1862-1866. August, 2004.

**Friedman JA**, Kallmes DF, Wijdicks EFM. Thalamic hemorrhage after carotid angioplasty and stenting. *Neuroradiology* 46(5): 399-403. May, 2004.

Talac RF, **Friedman JA**, Moore MJ, Lu L, Jabbari E, Windebank AJ, Curren BL, Yaszemski MJ. Animal models of spinal cord injury for evaluation of tissue engineering treatment strategies. *Biomaterials* 25(9): 1505-1510. April, 2004.

Blacker DJ, Kantarci OH, Cloft HJ, **Friedman JA**. More than a pain in the neck: Vertebral artery dissection and subarachnoid hemorrhage. *Neurocritical Care* 1(1): 95-98. January, 2004.

Magtibay PM, Rao RD, Buckner JC, **Friedman JA**, Cliby WA. Unusual presentation of adult metastatic peritoneal medulloblastoma associated with a ventriculoperitoneal shunt. *Neuro-oncology* 5(3): 217-220. July, 2003.

Collignon FP, **Friedman JA**, Nichols DA, Piepgras DG, Cloft HJ. Coil migration and erosion through the skin following endovascular coil occlusion of a radiation-induced cervical carotid artery aneurysm. *Journal of Neurosurgery* 98(5): 1135. May, 2003.

**Friedman JA**, Pichelmann MA, Piepgras DG, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD, Wijdicks EFM. Pulmonary complications of aneurysmal subarachnoid hemorrhage. *Neurosurgery* 52(5): 1025-1032. May, 2003.

**Friedman JA**, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD Jr. Guglielmi Detachable Coil treatment of ruptured saccular cerebral aneurysms: A retrospective review of a 10-year single center experience. *American Journal of Neuroradiology* 24(3): 526-533. March, 2003.

**Friedman JA**, Piepgras DG. Current neurosurgical indications for saphenous vein bypass grafting. *Neurosurgical Focus* 14(3): Article 1. March, 2003.

**Friedman JA**, McIver JI, Collignon, FP, Nichols DA, Piepgras DG. Development of a pontine cyst following endovascular coil occlusion of a basilar trunk aneurysm. *Neurosurgery* 52(3): 694-699. March, 2003.

Rabinstein AA, Pichelmann MA, **Friedman JA**, Piepgras DG, Nichols DA, McIver JI, Toussaint LG III, McClelland RL, Fulgham JR, Meyer FB, Atkinson JLD, Wijdicks EFM. Symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage: Surgical repair compared to endovascular coil occlusion. *Journal of Neurosurgery* 98(2): 319-325. February, 2003.

**Friedman JA**, Wetjen NM, Atkinson JLD. Utility of intraoperative ultrasound for tumors of the cauda equina. *Spine* 28(3): 288-290. February, 2003.

**Friedman JA**, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD. Endovascular coil occlusion of ruptured saccular cerebral aneurysms using

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Guglielmi detachable coils: Initial ten-year experience. *Rivista di Neuroradiologia* 2003; 16(6):1213-22.

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**Friedman JA**, Pollock BE, Nichols DA. Development of a cerebral arteriovenous malformation documented in an adult by serial angiography (poster). American Association of Neurological Surgeons Annual Meeting, Toronto, Canada. April, 2001.

**Friedman JA**, Pichelmann MA, Piepgras DG, Atkinson JLD, Maier CO, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Waikoloa, HI. February, 2001.

**Friedman JA**, Meyer FB, Nichols DA, Coffey RJ, Hopkins LN, Maier CO, Meissner ID, Pollock BE. Fatal progression of posttraumatic dural arteriovenous fistulae refractory to multimodality therapy (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology. Waikoloa, HI. February, 2001.

**Friedman JA**, Pichelmann MA, Piepgras DG, Atkinson JLD, Maier CO, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2001.

**Friedman JA**, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Detroit Trauma Symposium, American College of Surgeons Committee on Trauma, Region V, Detroit, MI. November, 2000.

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Maher CO, Piepgras DG, Brown RD Jr., Pollock BE, **Friedman JA**. Occurrence of symptomatic vascular malformations in hereditary hemorrhagic telangiectasia (oral poster). Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

Maher CO, **Friedman JA**, Quast LM, Ebersold MJ. Spontaneous disc space infections in adults (oral poster). Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

**Friedman JA**, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural arteriovenous fistulae of the transverse and sigmoid sinuses. Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

Maher CO, Meyer FB, Piepgras DG, **Friedman JA**, Atkinson JLD. Angiographic risk factors in basilar apex aneurysm surgery. Annual Meeting, Minnesota Surgical Society, Rochester, MN. September, 2000.

**Friedman JA**, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural arteriovenous fistulae of the transverse and sigmoid sinuses. Annual Meeting, Minnesota Surgical Society, Rochester, MN. September, 2000.

**Friedman JA**, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Annual Meeting, American College of Surgeons Committee on Trauma, Minnesota Chapter, Minneapolis, MN. May, 2000.

**Friedman JA**, Meyer FB, Nichols DA. Surgical repair of clinoidal segment carotid aneurysms unsuitable for endovascular treatment. American Association of Neurological Surgeons Annual Meeting, San Francisco, CA. April, 2000.

**Friedman JA**, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD, Jr., Wiebers DO. Small cerebral aneurysms presenting with symptoms other than rupture. American Association of Neurological Surgeons Annual Meeting, San Francisco, CA. April, 2000.

**Friedman JA**, Meyer FB, Nichols DA. Surgical repair of transitional and clinoidal segment carotid aneurysms unsuitable for endovascular treatment. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, New Orleans, LA. February, 2000.

**Friedman JA**, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2000.

Meyer FB, **Friedman JA**, Nichols DA, Windshlitz WL. Surgical repair of transitional cavernous carotid aneurysms unsuitable for endovascular treatment. American Academy of Neurosurgery Annual Meeting, Amelia Island, FL. November, 1999.

Meyer FB, Bates LM, Goerss SJ, Windshlitz WL, **Friedman JA**, Duffy JR, Perkins WJ, O'Neill BP, Cascino GD. Radical resection of gliomas in functioning brain regions utilizing awake cortical and subcortical mapping and frameless stereotaxis. American Academy of Neurosurgery Annual Meeting, Amelia Island, FL. November, 1999.

Pleasure SJ, **Friedman JA**, Ko NU, Abosch A, Fishman RA, Poncelet AN. Diencephalic herniation as a result of spontaneous intracranial hypotension (SIH) (poster). American Academy of Neurology Annual Meeting, Boston MA. April, 1997.

**Friedman JA**. Immunohistochemical localization of CD4, CD8, and tenascin in brain tumors (poster). University of California, San Francisco Graduate Research Symposium, San Francisco CA. January, 1995.

**Friedman JA**, Levine JD. Inhibition of plasma extravasation in rat knees: Effects of fibroblast growth factor and ether (poster). University of California, San Francisco Graduate Research Symposium, San Francisco CA. November, 1993.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (poster). Annual Scientific Meeting of the American College of Rheumatology, Boston, MA. November, 1991.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (poster). Annual Meeting of the American Federation for Clinical Research, Seattle WA. May, 1991.

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**Invited Presentations**

**Friedman, JA.** Texas A&M Alpha Epsilon Delta Meeting. College Station, TX. April, 2016.

**Friedman, JA.** Clinical Research for Physicians in Academic Medicine. Texas A&M Health Science Center College of Medicine Surgery Interest Group. College Station, TX. September, 2014.

**Friedman, JA.** Clinical Research for Physicians in Academic Medicine. Texas A&M Health Science Center College of Medicine Summer Research Program Seminar Series. College Station, TX. June, 2012.

**Friedman JA.** Stroke: State of the art 2011. Texas A&M Health Science Center Heart Health Issues Forum. George H.W. Bush Presidential Library, College Station, TX. April, 2010.

**Friedman JA.** Significance of the White Coat in Medicine. Texas A&M Family Medicine Residency White Coat Ceremony, College Station, TX. June, 2009

**Friedman JA.** Current treatments of stroke. Association of Operating Room Nurses/Association of Advanced Care Nursing Annual Meeting, Bryan, TX. August, 2008.

**Friedman JA.** Current treatments of stroke. TAMHSC College of Medicine Mini-Medical School, College Station, TX. February, 2008.

**Friedman JA.** Assorted insights regarding training and career. Arthur C. Scott Surgical Society, TAMHSC College of Medicine, College Station, TX February, 2008.

**Friedman JA.** Career choice and residency matching in surgical specialties. TAMHSC College of Medicine Surgery and Emergency Medicine Student Interest Group. TAMHSC, College Station, TX. September, 2007.

**Friedman JA.** Surgical Treatment of Spinal Diseases. Community Seminar, St. Joseph Regional Health Center, Bryan, TX. August, 2007.

**Friedman JA.** ICP and CPP monitoring in the ICU. Neurointensive and Neuromonitoring Course, Asociacion de Medicos Intensivistas de Costa Rica. San Jose, Costa Rica. April, 2007.

**Friedman JA.** Intracranial hypertension syndromes: Therapeutic options. Neurointensive and Neuromonitoring Course, Asociacion de Medicos Intensivistas de Costa Rica. San Jose, Costa Rica. April, 2007.

**Friedman JA.** Stroke Program Development. Grand Rounds, St. Joseph Regional Health Center, Bryan, TX. March, 2007.

**Friedman JA.** Cerebrovascular Disease. Seminar, Neuro-intensive care nursing, St. Joseph Regional Health Center, Bryan, TX. November, 2006.



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**Friedman JA.** Career choice and residency matching in surgical specialties. TAMHSC College of Medicine Surgery and Emergency Medicine Student Interest Group. TAMHSC, College Station, TX. November, 2006.

**Friedman JA.** Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Neuroscience Faculty Seminar, Texas A and M University, College Station, TX. March, 2006.

**Friedman JA.** Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Multidisciplinary Spine Conference, St. Joseph Regional Health Center, Bryan, TX. March, 2006.

**Friedman JA.** Surgical Treatment of Neck and Back Diseases. Community Seminar, St. Josephs Rehabilitation Center, Bryan, TX. October, 2005.

**Friedman JA.** Surgical management of cerebrovascular disease. Symposium on Neurology and Neurosurgery, Southern Vermont Regional Medical Center, Bennington, VT. September, 2004.

**Friedman JA.** Cerebrovascular Disease. Grand Rounds, Androscoggin Valley Hospital, Berlin, NH. June, 2004.

**Friedman JA.** Introduction to craniotomies. Surgical Technician Training Course, Dartmouth Hitchcock Medical Center, Lebanon, NH. May, 2004.

**Friedman JA.** Cerebrovascular Disease. Grand Rounds, Rutland Regional Medical Center, Rutland, VT. April, 2004.

**Friedman JA.** Cerebral vasospasm. Neuroradiology Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH. March, 2004.

**Friedman JA.** Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Neurology/Neurosurgery Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH. March, 2004.

**Friedman JA.** Surgical repair of the injured spinal cord: A novel biodegradable polymer implant to promote axon regeneration. Center for Biomaterials and Advanced Technologies, Johnson & Johnson, Somerville, NJ. July, 2003.

**Friedman JA.** Surgical repair of the injured spinal cord: A novel biodegradable polymer implant to promote axon regeneration. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. March, 2003.

**Friedman JA.** Current topics in cerebral vasospasm. Neurology/Neurosurgery Grand Rounds, Dartmouth-Hitchcock Medical Center, Lebanon, NH. March, 2003.

**Friedman JA.** Intracranial aneurysms. Mayo Clinic Surgical Assistant In-Service, Mayo Clinic, Rochester, MN. September, 2002.

**Friedman JA.** Anterior circulation aneurysms. Mayo Clinic Neuroscience Nurses In-Service, Rochester, MN. June, 2002.

**Friedman JA.** Anterior circulation aneurysms. Upper Mississippi Basin Chapter of the American Association of Neuroscience Nurses Meeting, Rochester, MN. March, 2001.

**Friedman JA, Ebersold MJ, Quast LM.** Atypical lesions of the optic nerve: Differential diagnosis, imaging features, and pathologic findings. Neurology Grand Rounds, Mayo Clinic, Rochester, MN. May, 2000.

**Friedman JA.** Fundamentals of neuroanatomy and cerebrovascular anatomy. Mayo

Clinic Neurosurgical Operating Room Nurses In-Service, Mayo Clinic, Rochester, MN. April, 2000.

**Friedman JA.** Fundamentals of neuroanatomy. Mayo Clinic Surgical Assistant In-Service, Mayo Clinic, Rochester, MN. March, 2000.

**Friedman JA.** Anatomy of the cerebral hemispheres and cranial nerves. Mayo Clinic Surgical Technician Certification Course, Mayo Clinic, Rochester, MN. February, 2000.

**Friedman JA.** Posterior fossa tumors in children. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. July, 1999.

**Friedman JA.** Barbiturates and propofol in the management of severe head injury. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. January, 1999.

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**Letters  
Comments  
Abstracts**

**Friedman JA, Kumar R.** Intraoperative angiography should be standard in cerebral aneurysm surgery. Accepted for Publication, *BMC Surgery*, March, 2009.

**Friedman JA.** Book review: Color Atlas of Microneurosurgery of Acoustic Neuromas by Koos, et al. *Young Neurosurgeons' News*, Winter, 2005.

**Friedman JA, Torres-Russotto D, Cohen-Gadol AA, Meyer FB.** Hemorrhage risk of giant intracranial arteriovenous malformations (abstract). *Journal of Neurosurgery* 100(1): A188-A189. January, 2004.

**Friedman JA.** Review of "Mortality rates after subarachnoid hemorrhage: Variations according to hospital case volume in 18 states" by Cross DT, et al. (comment). *Practical Reviews in Neurosurgery* 2(10). December, 2003.

**Friedman JA.** Review of "Sex steroid hormone exposures and risk for meningioma" by Jhavar BS, et al. (comment). *Practical Reviews in Neurosurgery* 2(10). December, 2003.

**Friedman JA.** Neurosurgery is alive and well. *Young Neurosurgeons' News*, Fall, 2003.

**Friedman JA.** Review of "A reappraisal of angioplasty and stenting for the treatment of Vertebral origin stenosis" by Albuquerque FC, et al. (comment). *Practical Reviews in Neurosurgery* 2(5). October, 2003.

**Friedman JA.** Review of "Endovascular treatment of paraclinoid aneurysms: Experience with 73 patients" by Park HK, et al. (comment). *Practical Reviews in Neurosurgery* 2(4). September, 2003.

**Friedman JA.** Review of "Catastrophic spine injuries in American football, 1977-2001" by Cantu RC, et al. (comment). *Practical Reviews in Neurosurgery* 2(4). September, 2003.

**Friedman JA, Lewellyn EB, Moore MJ, Schermerhorn TC, Knight AM, Currier BL, Yaszemski MJ, Ameenuddin S, Windebank AJ.** Robust axon regeneration following surgical repair of the injured spinal cord with a novel biodegradable implant (abstract). *Neurosurgery* 53(2): 480-481. August, 2003.

**Friedman JA.** Review of "Small unruptured cerebral aneurysms presenting with oculomotor nerve palsy" by Yanaka K, et al. (comment). *Practical Reviews in Neurosurgery* 1(11). April, 2003.

**Friedman JA.** Review of "Mechanisms of snowboarding-related severe head injury: Shear strain induced by the opposite-edge phenomenon" by Nakaguchi H, et al. (comment). *Practical Reviews in Neurosurgery* 1(11). April, 2003.

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**Friedman JA.** Review of “Microsurgical fenestration of the lamina terminalis reduces the incidence of shunt-dependent hydrocephalus after aneurysmal subarachnoid hemorrhage” by Komotar RJ, et al. (comment). *Practical Reviews in Neurosurgery* 1(9). February, 2003.

**Friedman JA.** Review of “Cerebellar hemorrhage arising postoperatively as a complication of supratentorial surgery: A retrospective study” by Honegger J, et al. (comment). *Practical Reviews in Neurosurgery* 1(3). September, 2002.

**Friedman JA.** Review of “Stereotactic radiosurgery providing long-term tumor control of cavernous sinus meningiomas” by Lee JYK, et al. (comment). *Practical Reviews in Neurosurgery* 1(3). September, 2002.

**Friedman JA, Windebank AJ, Yaszemski MJ, Moore MJ, Lewellyn EB.** A Schwann cell seeded, biodegradable polymer implant for promoting axon regeneration following spinal cord injury (abstract). *Annals of Neurology* 52(3S): S87. September, 2002.

**Friedman JA.** Book review: Greenberg’s Handbook of Neurosurgery. *Young Neurosurgeons’ News*, Fall, 2002.

**Friedman JA, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD Jr.** Endovascular coil occlusion of ruptured saccular cerebral aneurysms using Guglielmi detachable coils: Initial 10-year experience (abstract). *Journal of Neuroradiology* 29(1): 1S71. August, 2002.

**Friedman JA, Piepgras DG.** Remote hemorrhage (letter). *Journal of Neurosurgery* 97(2): 498-499. August, 2002.

**Friedman JA, Piepgras DG.** Remote cerebellar hemorrhage (letter; response). *Neurosurgery* 51(2): 523-524. August, 2002.

**Friedman JA, Goerss SJ, Meyer FB, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Atkinson JLD, Wijdicks EFM.** Volumetric quantification of Fisher Grade 3 aneurysmal subarachnoid hemorrhage: A novel method to predict symptomatic vasospasm on admission CT scan (abstract). *Neurosurgery* 51(2): 574. August, 2002.

**Friedman JA, Manno E, Fulgham JR.** Propofol (letter). *Journal of Neurosurgery* 96(6): 1161-1162. June, 2002.

Phoung LK, **Friedman JA.** Review of RUNN 2001. *Young Neurosurgeons’ News*, Spring, 2002.

**Friedman JA.** Review courses for the neurosurgery written board examination. *Young Neurosurgeons’ News*, Spring, 2002.

**Friedman JA.** Book reviews: Five residents, two books, and the ABNS exam. *Young Neurosurgeons’ News*, Spring, 2002.

**Friedman JA.** Long life? It’s not so good (letter). *Time* 159(6): 9. February 11, 2002.

Toussaint LG III, **Friedman JA, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD.** Prior aspirin use does not worsen outcome in aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(2): 430-431. February, 2002.

Maher CO, Meyer FB, **Friedman JA, Wetjen NM.** Prospective analysis of intraoperative carotid sinus lidocaine injection during endarterectomy (abstract). *Journal of Neurosurgery* 96(1): 179A. January, 2002.

Toussaint LG III, **Friedman JA, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD.** Prognosis in survivors of cardiac arrest

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following aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(1): 180A. January, 2002.

**Friedman JA**, Pichelmann MA, Wijdicks EFM, Piepgras DG, McIver JI, Toussiant LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Pulmonary complications of aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(1): 180A. January, 2002.

Maheer CO, Piepgras DG, Brown RD Jr., **Friedman JA**, Pollock BE. Compelling reasons to screen brain in HHT (letter; response). *Stroke* 32(12): 2958. December, 2001.

**Friedman JA**, Raffel CO. Management of malignant pineal germ cell tumors with residual mature teratoma (letter; response). *Neurosurgery* 49(5): 1271. November, 2001.

Phoung LK, **Friedman JA**. Review of RUNN 2001. Resident corner, *Neurosurgery: // On-Call* website. November, 2001.

**Friedman JA**. Review of three popular written board review courses. Resident corner, *Neurosurgery: // On-Call* website. October, 2001.

**Friedman JA**, Piepgras DG. Remote hemorrhage (letter). *Journal of Neurosurgery: Spine* 95(2 Suppl.): 279-280. October, 2001.

Dixon GR, **Friedman JA**, Luetmer PH, Quast LM, McClelland RL, Petersen RC, Maheer CO, Ebersold MJ. Measurement of cerebrospinal fluid flow at the cerebral aqueduct using phase contrast MR: Predicting outcome of ventriculoperitoneal shunting for idiopathic normal pressure hydrocephalus (abstract). *Neurosurgery*, 49(2): 520. August, 2001.

Maheer CO, Lynch JJ, Meyer FB, Raffel C, Unni K, **Friedman JA**. Fibrous dysplasia of the skull in children (abstract). *Neurosurgery*, 49(2): 547. August, 2001

**Friedman JA**, Meyer FB. Dural arteriovenous fistulas (letter; response). *Journal of Neurosurgery* 94(5): 860-861. May, 2001.

**Friedman JA**. Review of RUNN 2000. Resident corner, *Neurosurgery:// On-Call* website. May, 2001.

**Friedman JA**, Pichelmann MA, Piepgras DG, Maheer CO, Atkinson JLD, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms (abstract). *Journal of Neurosurgery*, 94 (1): 184A. January, 2001.

**Friedman JA**, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural arteriovenous fistulae of the transverse and sigmoid sinuses (abstract). *Neurosurgery*, 47 (2): 532-533. August, 2000.

**Friedman JA**, Meyer FB, Nichols DA, Windschitl W. Surgical repair of endovascularly untreatable transitional carotid-cavernous aneurysms (abstract). *Journal of Neurosurgery*, 92 (3): 552. March, 2000.

**Friedman JA**, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD Jr., Wiebers DO. Patients with small cerebral aneurysms presenting with symptoms other than rupture (abstract). *Journal of Neurosurgery*, 92 (3): 552. March, 2000.

**Friedman JA**, Meyer FB, Nichols DA. Surgical repair of endovascularly untreatable transitional cavernous carotid aneurysms (abstract). *Journal of Neurosurgery*, 92 (1): 202. January, 2000.

Pleasure SJ, **Friedman J**, Ko NU, Abosch A, Fishman RA, Poncelet AN. Diencephalic herniation as a result of spontaneous intracranial hypotension (SIH) (abstract). *Neurology* 48: A260-261, 1997.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (abstract). *Clinical Research*. 39: 250A, 1991.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (abstract). *Arthritis and Rheumatism*. 34: S154, 1991.