

## CURRICULUM VITAE

### **John Clifton Wellons, III M.D., M.S.P.H. Vanderbilt University Medical Center**

**CURRENT POSITION:** Cal Turner Chair in Pediatric Neurosurgery  
Section of Surgical Sciences Vice Chair, Clinical Research  
Department of Neurosurgery Vice Chair, Academics and Faculty Affairs  
Chief, Division of Pediatric Neurosurgery  
Medical Director, Surgical Outcomes Center for Kids  
Professor, Neurological Surgery  
Professor, Pediatrics  
Professor, Radiology & Radiological Sciences

**WORK ADDRESS:** Vanderbilt Children's Hospital  
Pediatric Neurological Surgery  
9226 Doctors Office Tower  
Nashville TN 37232-9557

**WORK PHONE:** 615-322-6875

**FAX:** 615-343-7076

**EMAIL:** [jay.wellons@vumc.org](mailto:jay.wellons@vumc.org)

**CITIZENSHIP:** United States

### **EDUCATION**

<b>High School</b>	The McCallie School		1987
<b>Undergraduate</b>	University of Mississippi	B.A.	1991
<b>Graduate</b>	University of Mississippi Medical School	M.D.	1995
<b>Clinical Training</b>	Internship in General Surgery		1995-1996
	Residency in Neurological Surgery		1996-2000
	Stroke Research Fellow		1998-1999
	Chief Resident, Neurosurgery		2000-2001
	Duke University Medical Center		
<b>Fellowship</b>	Pediatric Neurosurgery Fellow		2001-2002
	Children's Hospital of Alabama		
<b>Research Training</b>	MSPH Clinical Research (Epidemiology)		2009-2012
	University of Alabama, Birmingham		

## **LICENSURE**

Alabama 24046	2001
Tennessee 48998	2012

## **BOARD CERTIFICATION**

American Board of Neurological Surgery	2004
Recertified	2014
American Board of Pediatric Neurological Surgery	2006
Recertified	2016

## **PROFESSIONAL EXPERIENCE**

### **Vanderbilt University Medical Center**

Professor of Neurological Surgery and Pediatrics	2012-pres.
Chief, Pediatric Neurosurgery	2012-2015
Chief, Division of Pediatric Neurosurgery	2015-pres.
Program Director, Neurosurgery Residency Program	2014-2018
Vice Chair of Academics and Faculty Affairs, Department of Neurological Surgery	2017-
Vice Chair of Clinical Research, Section of Surgical Sciences	2018-
Professor of Radiology and Radiological Sciences	2018-
Cal Turner Chair in Pediatric Neurosurgery	2020-

### **University of Alabama at Birmingham**

Professor of Surgery and Pediatrics, tenure	2011-2012
Associate Professor, tenure	2009-2011
Associate Professor	2006-2009
Assistant Professor of Pediatrics	2004-2006
Assistant Professor of Surgery	2002-2006

## **PROFESSIONAL ASSOCIATIONS**

### **Vanderbilt University Medical Center**

Scholar, Vanderbilt Center for Health Services Research	2013-pres.
School of Medicine's Academic Leadership Program	2013-2014
Vanderbilt-Ingram Cancer Center (VICC) Cancer Epidemiology Research Program	2013
Radiation Oncology Chair Search Committee	2015
Strategic Planning Group, technology subcommittee	2016
Vanderbilt Leadership Academy	2016-17
School of Medicine Faculty Appointments and Promotions Committee	2016-18
Plastic Surgery Chair Search Committee	2016

## **AWARDS/HONORS:**

Eagle Scout, 1985

Alpha Omega Alpha Honor Medical Society, 2000-present

Alumni Achievement Award, The McCallie School, 2002

National Physician Sponsor of the Year, ThinkFirst Injury Prevention Foundation, 2008

Best Doctor, Birmingham magazine, 2007, 2008, 2009, 2010, 2011  
 Best Doctors in America, 2014-15, 2015-16, 2016-17, 2017-18  
 Robert S McCleery Master Teacher Award finalist, 2018, 2019

**COMMUNITY SERVICE:**

Reunion Board, The McCallie School, 2008, 2012  
 Think First (National Injury Prevention Foundation)  
 Medical Director of Alabama Chapter, 2002-2010  
 Annual Hydrocephalus Association Walk  
 Honorary Co-chair, 2008, 2009  
 WJOX Opening Drive Radio Show  
 Sports Related Concussions, Panel Discussant, 10/8/2009  
 All Saints Episcopal Church, Homewood, AL  
 Usher  
 Formed All Saints Triathlon team:  
 1<sup>st</sup> place in the Mixed Relay at Buster Britton Memorial Triathlon, 2008 Raised funds for church  
 AED and other medical supplies  
 Annual Co-Speaker (with wife, Dr. Melissa Wellons) to Junior High Youth Group  
 Delegate to 180<sup>th</sup> Convention of the Episcopal Church in the Diocese of AL, 2011  
 Christ's Church Cathedral, Nashville, TN  
 Parish Choir  
 Priest Discernment Committee, 2016

**PROFESSIONAL SOCIETIES/MEMBERSHIPS:**

Congress of Neurological Surgeons, Member, Assistant CME Liaison on 2003 Scientific Program Committee	1999-present
American Association of Neurological Surgeons Candidate Member, Active Member	1999-2005 2005-present
Children's Oncology Group Infant Tumor Subcommittee, UAB Surgery Responsible Investigator, appointed	2002-2008 2009-2010
Neurosurgical Society of Alabama, Scientific Program Director, Annual Meeting	2002-2012 2008-2011
AANS/CNS Section on Pediatric Neurological Surgery, Scientific Program Moderator, Annual Meeting Rules and Regulations Committee, (Head) Executive Committee, Member-At-Large Travelling Fellowship Committee Pediatric Section Annual Meeting Subcommittee	2007-present 2005 2008-(2011) 2012-2016 2015-2017 2017-19
American Society of Pediatric Neurosurgeons, Chairman of Ad Hoc Committee on Quality and Outcomes Chairman of By-laws Committee Executive Committee Executive Committee, Member at Large General Session Moderator, Annual Meeting	2008-present 2014-2015 2016-2018 2016-2018 2018-present 2019

Treasurer	2020-2022
Tennessee Neurosurgical Society	2012-present
Cumberland Pediatric Foundation	2012-present
Pediatric Brain Tumor Consortium External Advisory Board	2017-present
The Society of Neurological Surgeons	2018-present
Southern Neurosurgical Society Scientific Session Moderator, Annual Meeting	2018-present 2019

**HOSPITAL COUNCILS AND COMMITTEES:**

**University of Alabama, Birmingham**

Children’s Hospital of Alabama Information Technology Steering Committee,	2001-2009
Children’s Hospital of Alabama Clinical Informatics Subcommittee,	2005-2009
Committee for the Future Faculty Liaison, Chairman 2010	2008-2012

**Vanderbilt University Medical Center**

Director, Perioperative COVID-19 Preparation Task Force	2020
Facilitator, N95 Ultraviolet Disinfection Task Force	2020

**UNIVERSITY EDUCATIONAL ACTIVITIES:**

Assistant Residency Program Director, UAB Division of Neurosurgery, <ul style="list-style-type: none"> <li>• UAB Neurosurgery Residents trained: 27</li> <li>• UAB Pediatric Neurosurgery Fellows trained: 9</li> </ul>	2004-2012
UAB 3 <sup>rd</sup> and 4 <sup>th</sup> year Medical Student Advisor, <ul style="list-style-type: none"> <li>• UAB Medical Students: 10 (9 of 9 who entered NSU match matched successfully)</li> <li>• Non-UAB Medical Students: 2 (2 of 2 matched successfully)</li> </ul>	2004-2011
Faculty Mentor, Co-Founder, UAB Pediatric Neurosurgery Summer Research Program <ul style="list-style-type: none"> <li>• Detailed list of UAB research mentees available upon request</li> </ul>	
Faculty Mentor, Co-Founder, Vanderbilt Surgical Outcomes Center for Kids (SOCKs) <ul style="list-style-type: none"> <li>• Detailed list of Vanderbilt research mentees available upon request</li> </ul>	
UAB Course Director for (80-422) Pediatric Neurosurgery,	2006-2012
UAB Summer Medical Education Program,	2003-2012
UAB Minority Health & Research Center, Scientist,	2004-2012

UAB School of Medicine Medical Education Committee,	2008
UAB Comprehensive Neuroscience Center, Scientist,	2009-2012
UAB School of Nursing Faculty Preceptor for Haley Vance, MSN, CRNP,	2009
VUMC School of Medicine Course Director for clinical elective in Pediatric Neurosurgery	2013-15
Faculty Affiliate Advisor for Gabbe College at Vanderbilt University	2013
VUMC Department of Neurosurgery Resident Clinical Competency Committee	2014-present
VUMC Department of Neurosurgery Program Evaluation Committee	2014-present
Mentor in Vanderbilt Chapter of Association of Women Surgeons	2015
VUMC Department of Neurosurgery Residency Program Director	2015-2019
VUMC Program Directors' 4 <sup>th</sup> Year Workshop	2017

**EDITORIAL BOARD MEMBERSHIPS:**

Editorial Board, Journal of Neurosurgery – Pediatrics	2012-present
Co-Chairman	2017-present
Ad hoc reviewer, Journal of Neurosurgery – Spine	2012-present
Ad hoc reviewer, Journal of Neurosurgery	2012-present
Ad hoc reviewer, Neurosurgery	2013
Ad hoc reviewer, Archives of Disease in Childhood	2015
Ad hoc reviewer, Journal of Obstetrics and Gynecology	2017
Ad hoc reviewer for Clinical Anatomy,	2008-present
Ad hoc reviewer for Child's Nervous System,	2009-2010

**TEACHING ACTIVITIES:**

Duke University School of Medicine

Lecturer, Duke University School of Medicine and PA Training Program, 1998, 1999  
Invited Speaker, Duke University Medical Center, Durham Regional Hospital, and Durham VA Hospital  
PACU and ICU nursing conferences: 1998, 1999, 2000  
Lecturer, Children's Hospital of Alabama Pediatric Nursing  
Critical Care Conference: 2002, 2004  
Preoperative Nursing Conference: 2002, 2004  
OR Nurses' Conference: 2008, 2010

University of Alabama, Birmingham

UAB 1<sup>st</sup> year Medical Student lecturer  
Closed Head Injury, 2003  
Upper Extremity Peripheral Nerve and Brachial Plexus Cases, 2005, 2006, 2010  
Nominated for Argus Award, 2006  
Children's Hospital of Alabama Pediatric Resident Teaching  
Noon conference 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2010

Morning conference 2002, 2003, 2004, 2005, 2006, 2007, 2008  
 Senior Talk Preceptor 2002, 2003, 2004, 2005, 2006, 2007, 2008  
 Division of Neurosurgery Resident Conference  
 I spoke numerous times at this conference, both formally (titled lectures) and on an informal basis (case presentations). I was in charge of the educational curriculum from 2005 to 2010.  
 Pediatric Grand Rounds Speaker  
 Introducing MData, 2003  
 ThinkFirst Alabama: A Head and Spinal Cord Injury Prevention Program, 2005  
 Neuroendoscopy, 2007  
 The UAB/CHA Pediatric Brachial Plexus and Peripheral Nerve Clinic, 2009  
 Pediatric Surgery Grand Rounds Speaker  
 The Role of Neuroendoscopy in Pediatric Brain Tumor Management, 2003 Pediatric Cervical Spine Management, 2006  
 Pediatric ER Fellows Conference  
 Pediatric Cervical Spine Trauma, 2004, 2006, 2007  
 Pediatric Closed Head Injury, 2004, 2008  
 Pediatric ICU Fellows Conference  
 Head Injury, 2008  
 Pediatric CRNA Conference  
 CSF Physiology, Monitoring, and Therapy, March, 2004  
 Perinatal Grand Rounds  
 Hydrocephalus Topics for the Neonatologist, 2004  
 A Prospective Cohort Study for the Treatment of PHH, 2009  
 SOPHH: A Pilot Study, 2010  
 Perinatal Fellow's Conference  
 CSF Anatomy and Physiology, 2010  
 Maternal and Fetal Medicine Fellows' Rounds, Department of Ob/Gyn: Persistent Brachial Plexus Palsy Following Birth: Indications for Surgical Intervention, 2009  
 4<sup>th</sup> and 6<sup>th</sup> Floor Nursing Conference  
 CSF Anatomy and Physiology I, 2010  
 CSF Anatomy and Physiology II, 2010  
 Huntsville Hospital Grand Rounds Speaker, ThinkFirst Alabama, February 2004.  
 Anniston Hospital Grand Rounds Speaker, ThinkFirst Alabama, July 2005.  
 DRH (Tuscaloosa) Hospital Grand Rounds Speaker, ThinkFirst Alabama, Sept 2005.

#### Vanderbilt University Medical Center

OR Staff conference  
 ICP and reducing shunt infections, 2012  
 Neurological Surgery Grand Rounds  
 Case Studies in the Brachial Plexus, Part 1, September 2012  
 Pediatric Traumatic Brain Injury Protocol, January 2013  
 Case Studies in the Pediatric Brachial Plexus and Peripheral Nerve, February 2013  
 Sciatic Nerve Exposures, June 2016  
 Managing Chiari I, April 2017  
 Fetal Neurosurgery, May 2017  
 Insights from the Editorial Board, August 2017  
 Peripheral Nerve, October 2018  
 Pediatric Grand Rounds  
 The hydrocephalus clinical research network: Applying QI methodology to reduce shunt infections", 2013  
 "Managing Newborn Brachial Plexus Palsy; way more than surgery" 2015

Pediatric Surgery Grand Rounds  
 QI study, 2013

Pediatric Critical Care Fellow conference  
 Pediatric Brain Tumors, 2013

Pediatric Resident Conference  
 Hydrocephalus and shunts, 2013  
 Spinal dysraphisms and other neurosurgical concerns, 2017

Pediatric Emergency Medicine Fellow Conference  
 Neurotrauma, 2013  
 Neurosurgical Emergencies and new TBI Protocol, 2013

PICU Fellows Conference  
 ICP/CSF, Hydrocephalus anatomy, physiology and pathology, 2013

School of Medicine Second Year Medical Students  
 Hybrid year of brain/behavior “Meninges and ventricles”, 2013

Infectious Disease Case Conference  
 Shunt infection work up, 2013

Critical Care Fellow Conference  
 ICP, CHI, EVD TLC, 2013

HR/PACU/RR staff conference  
 Shunt infections, 2013

Pediatric Trauma Conference  
 CHI protocol, 2013

Cumberland Pediatric Foundation Presentation to local pediatricians  
 “Brachial plexus injury in kids: Predicting need for surgery and outcomes” January 2013

Pediatric Educational Lecture Series  
 “Spina Bifida” 2015

Pediatric Emergency Medicine Fellow Conference  
 “Stridor” 2015

Teaching at VCH open fetal surgery for MMC Repair with visiting fetal therapy teams:

- March 2016 - Timothy Bennett MD, Maternal Fetal Medicine; Scott Roethle MD, anesthesiologist; Paul Grabb MD, Pediatric Neurosurgery; Tara Swanson MD, Pediatric Cardiology, Children’s Mercy Hospital, Kansas City, Missouri
- June 2016 – Tim Van Mieghem MD, PhD, Maternal Fetal Medicine, Mt Sinai Hospital, Toronto, Ontario, CANADA

Invited teaching of open fetal surgery for MMC Repair:

- July 2016 – Glenn Gardener, MD, Maternal Fetal Medicine, Mater Misericordiae LTD Hospital, Brisbane, Queensland, AUSTRALIA

Neonatology Core Curriculum Conference  
 Intrauterine Myelomeningocele Repair after MOMS: The Vanderbilt Contribution, 2017

Neurosurgery First Year Medical Student elective  
 “Pediatric Neurosurgery and working with children” March 2018

Neurosurgery Evening Elective for Medical Students  
 “Life and a Career in Neurosurgery: Facts and Fictions” October 2018

Department of General Surgery Grand Rounds  
 “Section of Surgical Sciences Clinical Research Presentation” February 2019

Vanderbilt Careers in Medicine  
 “Fetal myelomeningocele surgery lecture” April 2019

Department of Thoracic Surgery Faculty meeting  
 “Section of Surgical Sciences Clinical Research Presentation” May 2019

Pediatric Endocrinology Fellows conference  
 “Endocrine dysfunction and pediatric brain tumors” June 2019

Department of Plastic Surgery Faculty meeting  
“Section of Surgical Sciences Centralized Biostats Presentation” June 2019  
Section of Surgical Sciences Department Chair meeting  
“Section of Surgical Sciences clinical research and granting mechanisms” June 2019  
Department of Cardiac Surgery Faculty meeting  
“Section of Surgical Sciences clinical research and granting mechanisms” June 2019  
Department of Neonatal and Pediatric Transport Clinical Staff Presentation  
“Transport of Acutely Ill Pediatric Neurosurgery Patients” July 8, 2019  
Department of Neurological Surgery Residency Journal Club Presentation  
“Brachial Plexus Anatomy” November 19, 2019  
Department of Radiology Faculty meeting Presentation  
“SOCKs Collaborative Research” February 25, 2020

### **MAJOR LECTURES AND VISITING PROFESSORSHIPS:**

Visiting Professor, Arizona College of Osteopathic Medicine, Midwestern University, Glendale, Arizona.  
December 2002  
Visiting Professor, University of Mississippi Medical Center Department of Neurosurgery, Jackson,  
Mississippi. July 2006  
Visiting Professor, Emory University Department of Neurosurgery, Atlanta, Georgia. August 2008  
Invited Speaker, LeBonheur Children’s Hospital, Division of Emergency Services Grand Rounds, Memphis,  
Tennessee 2015  
Invited Speaker, Weill Cornell Medical College Department of Neurosurgery Grand Rounds, New York, New  
York. June 2016  
Eminent Visitor and Invited Speaker, Fetal Myelomeningocele Closure, Mater Mothers’ Private Hospital and  
Mater Mothers’ Hospital, Brisbane, Queensland, AUSTRALIA July 2016  
Invited Speaker, Fetal Myelomeningocele Closure, Indiana University School of Medicine Department of  
Neurological Surgery Grand Rounds, Indianapolis, Indianapolis February 2017  
Visiting Professor: The State of Fetal Spina Bifida Surgery after MOMS: Where to now? Madi M. Jaurigue  
Lectureship 2018, The University of Vermont Larner College of Medicine, Burlington, Vermont.  
September 2018  
Visiting Professor: The State of Fetal Spina Bifida Surgery after MOMS; where to now? Spina Bifida  
Endowed Visiting Professor Lecture 2018, Children’s Mercy Hospital of Kansas City, Missouri November  
2018  
Visiting Professor: The Hydrocephalus Clinical Research Network (HCRN): Reducing shunt placement,  
revisions, and infections. The University of Kansas Medical Center, Neurology/Neurosurgery Grand  
Rounds Kansas City, Missouri, November 2018  
Visiting Professor: Race, Gender, and Global Diversity in US Neurosurgical Training. The University of  
British Columbia Neuroscience Rounds, Vancouver General Hospital, Vancouver, British Columbia,  
Canada April 2019.  
Visiting Professor: The State of Fetal Spina Bifida Surgery after MOMS: Where to now? The First Annual  
Paul Steinbok Lecturer in Pediatric Neurosurgery, hosted by the British Columbia Children’s Hospital and  
the University of British Columbia Divisions of Neurosurgery. Vancouver General Hospital, Vancouver,  
British Columbia, Canada April 2019.  
Visiting Professor: The State of Fetal Surgery after MOMs: Where are we now? Pediatric Grand Rounds  
sponsored by the Connecticut Children’s Medical Center and Hartford Hospital, Hartford, Connecticut  
October 2019.

### **GRANT SUPPORT**

Title: Endoscopic versus Shunt Treatment of Hydrocephalus in Infants (ESTHI)  
Year: 5/1/2019-4/30/2024  
Source: National Institutes of Health- U01-12668795  
Role: Chair of Surgical Equipoise Panel (2% effort)  
Amount: \$9,907,242 total, \$526,970 subcontract

Title: Posterior Fossa Decompression with or without Duraplasty for Chiari Type I Malformation with Syringomyelia  
Year: 2015-2018  
Source: PCORI  
Role: Site PI  
Amount: \$433,689 (subcontract)

Title: Data safety and monitoring board for grant #R01 HS021496-01A1 personal health information needs and practices for maternal fetal care  
Year: 2013-2017  
Source: Agency for healthcare research and quality  
Role: Data safety and monitoring board  
Amount: \$384,236

#### **COMPLETED:**

Title: A randomized controlled trial of anterior versus posterior entry site for CSF shunt insertion  
Year: 1/1/2014-12/31/2017  
Source: PCORI CER-1403-13857  
Role: Co-Investigator (Site P.I.)  
Amount: \$2,514,333

Title: Understanding the Impact of Post-Hemorrhagic Hydrocephalus on Neurodevelopmental Outcomes in Premature Infants  
Year: 2013-2016  
Source: The Gerber Foundation  
Role: Co-Investigator  
Amount: \$107,446

Title: R21 CA175840-01 Neuroplasticity-based cognitive remediation for pediatric brain tumor survivors  
Year: 4/1/2013-3/31/2015  
Source: NIH/NCI  
Role: Co-Investigator  
Amount: \$355,000

Title: Hydrocephalus Clinical Research Network: a consortium for pediatric hydrocephalus  
Year: 2009-2012  
Source: NINDS (1 RC1 NS068943-01)  
Role: Primary Investigator, Children's Hospital of Alabama  
Amount: Cost of Data Coordinating Center for Network and Network Director

Title: Volumetric Evaluation of the Posterior Cranial Fossa in Children with Growth Hormone Deficiency  
Year: 2002-2003  
Source: CNS Clinical Fellowship in Syringomyelia and Chiari Malformation  
Preceptor: Jerry Oakes, M.D., Division of Neurosurgery, Children's Hospital of Alabama  
Amount: \$10,000

Title: Digital Imaging Technology in Education: Applications in Neurosurgical Student and Resident Teaching  
Year: 1999-2000  
Source: Duke University Instructional Technology Incentive Grant  
Preceptor: Allan Friedman, M.D., Division of Neurosurgery, Duke University Medical Center  
Amount: \$5,000

Title: The Role of Apolipoprotein E in Global Cerebral Ischemia  
Year: 1998-1999  
Source: American Heart Association Postdoctoral Fellowship  
Preceptor: David Warner, M.D., Division of Neuroanesthesia, Duke University Medical Center  
Amount: \$27,500

Title: Functional Assessment of Motor Deficits in Cerebellar Patients  
Year: 1992  
Source: Dean's Research Fellowship, University of Mississippi Medical Center  
Preceptor: Gregory Mihailoff, Ph.D., Department of Anatomy, University of Mississippi Medical Center  
Amount: \$2,000

## **BIBLIOGRAPHY**

### **ESSAYS/OP ED PIECES**

1. **The New York Times, Sunday Review**—"The danger of traveling light: You never really know what you are going to need" by Jay Wellons, Nov 16, 2019.
2. **The New York Times, Sunday Review**—"From a doctor, a reminder to keep pushing on" by Jay Wellons, Feb 29, 2020.

### **MANUSCRIPTS**

1. Villavicencio AT, Wellons JC, 3rd, George TM: Avoiding complicated shunt systems by open fenestration of symptomatic fourth ventricular cysts associated with hydrocephalus. *Pediatr Neurosurg* 29:314-319, 1998
2. Wellons JC, 3rd, Bagley CA, George TM: A simple and safe technique for endoscopic third ventriculocisternostomy. *Pediatr Neurosurg* 30:219-223, 1999
3. Nellgard B, Mackensen GB, Pineda J, Wellons JC, 3rd, Pearlstein RD, Warner DS: Anesthetic effects on cerebral metabolic rate predict histologic outcome from near-complete forebrain ischemia in the rat. *Anesthesiology* 93:431-436, 2000
4. Wellons JC, 3rd, Sheng H, Laskowitz DT, Burkhard Mackensen G, Pearlstein RD, Warner DS: A comparison of strain-related susceptibility in two murine recovery models of global cerebral ischemia. *Brain Res* 868:14-21, 2000

5. Pineda JA, Aono M, Sheng H, Lynch J, Wellons JC, Laskowitz DT, Pearlstein RD, Bowler R, Crapo J, Warner DS: Extracellular superoxide dismutase overexpression improves behavioral outcome from closed head injury in the mouse. *J Neurotrauma* 18:625-634, 2001
6. Elton S, Tubbs RS, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Acute hydrocephalus following a Chiari I decompression. *Pediatr Neurosurg* 36:101-104, 2002
7. McGirt MJ, Leveque JC, Wellons JC, 3rd, Villavicencio AT, Hopkins JS, Fuchs HE, George TM: Cerebrospinal fluid shunt survival and etiology of failures: a seven-year institutional experience. *Pediatr Neurosurg* 36:248-255, 2002
8. Tubbs RS, Patwardhan RV, Wellons JC, 3rd, Oakes WJ: Cortical representation of Hering's nerve: a possible anatomical pathway for seizure cessation following electrical stimulation. *Pediatr Neurosurg* 37:235-239, 2002
9. Tubbs RS, Salter G, Wellons JC, 3rd, Oakes WJ: Blood supply of the human cervical sympathetic chain and ganglia. *Eur J Morphol* 40:283-288, 2002
10. Tubbs RS, Wellons JC, 3rd, Banks J, Blount JP, Oakes WJ: Quantitative anatomy of the transverse ligament tubercles. *J Neurosurg* 97:343-345, 2002
11. Tubbs RS, Wellons JC, 3rd, Bartolucci AA, Blount JP, Oakes WJ: Horizontal sacrum as an indicator of a tethered spinal cord. *Pediatr Neurosurg* 36:209-213, 2002
12. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ: Posterior atlantooccipital membrane for duraplasty. Technical note. *J Neurosurg* 97:266-268, 2002
13. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ: Jarcho-Levin syndrome. *Pediatr Neurosurg* 36:279, 2002
14. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Hemangioma of the transverse sinus. *Pediatr Neurosurg* 37:278-279, 2002
15. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Sagittal synostosis in twin girls. *Childs Nerv Syst* 18:526-527, 2002
16. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Dolichoodontoid in a pediatric patient. *Pediatr Neurosurg* 37:217-219, 2002
17. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Asymmetry of tonsillar ectopia in Chiari I malformation. *Pediatr Neurosurg* 37:199-202, 2002
18. Tubbs RS, Wellons JC, 3rd, Patwardhan RV, Oakes WJ, Wyss JM: The effectiveness of Hering's nerve stimulation in controlling penicillin-induced seizures in the rat is dependent on the amygdala. *Pediatr Neurosurg* 37:231-234, 2002
19. Wellons JC, 3rd, Tubbs RS, Banks JT, Grabb B, Blount JP, Oakes WJ, Grabb PA: Long-term control of hydrocephalus via endoscopic third ventriculostomy in children with tectal plate gliomas. *Neurosurgery* 51:63-67; discussion 67-68, 2002
20. Wellons JC, 3rd, Tubbs RS, Leveque JC, Blount JP, Oakes WJ: Choroid plexectomy reduces neurosurgical intervention in patients with hydranencephaly. *Pediatr Neurosurg* 36:148-152, 2002

21. Ammar K, Tubbs RS, Smyth MD, Wellons JC, 3rd, Blount JP, Salter G, Oakes WJ: Anatomic landmarks for the cervical portion of the thoracic duct. *Neurosurgery* 53:1385-1387; discussion 1387-1388, 2003
22. Banks JT, Wellons JC, 3rd, Tubbs RS, Blount JP, Oakes WJ, Grabb PA: Cervical spine involvement in Larsen's syndrome: a case illustration. *Pediatrics* 111:199-201, 2003
23. McGirt MJ, Wellons JC, 3rd, Nimjee SM, Bulsara KR, Fuchs HE, George TM: Comparison of total versus partial revision of initial ventriculoperitoneal shunt failures. *Pediatr Neurosurg* 38:34-40, 2003
24. Reddy AT, Wellons JC, 3rd: Pediatric high-grade gliomas. *Cancer J* 9:107-112, 2003
25. Smyth MD, Tubbs RS, Wellons JC, 3rd, Oakes WJ, Blount JP, Grabb PA: Endoscopic third ventriculostomy for hydrocephalus secondary to central nervous system infection or intraventricular hemorrhage in children. *Pediatr Neurosurg* 39:258-263, 2003
26. Tubbs RS, Kelly DR, Hammers YA, Palmer CA, Wellons JC, 3rd, Blount JP, Oakes WJ: Suprasellar lymphoid hyperplasia presenting with diabetes insipidus and hypogonadism. *Pediatr Neurosurg* 39:275-278, 2003
27. Tubbs RS, Kelly DR, Wellons JC, 3rd, Blount JP, Oakes WJ, Georgeson K: Ectopic brain tissue in a neonate. *Pediatr Neurosurg* 39:136-138, 2003
28. Tubbs RS, Smyth MD, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Alternative uses for the subgaleal shunt in pediatric neurosurgery. *Pediatr Neurosurg* 39:22-24, 2003
29. Tubbs RS, Smyth MD, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Atlantoaxial interlaminar distances in cervical flexion in children. *J Neurosurg* 98:271-274, 2003
30. Tubbs RS, Smyth MD, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Life expectancy of ventriculosubgaleal shunt revisions. *Pediatr Neurosurg* 38:244-246, 2003
31. Tubbs RS, Smyth MD, Wellons JC, Blount JP, Oakes WJ: Cutaneous manifestations and the Chiari I malformation. *Pediatr Neurol* 29:250-252, 2003
32. Tubbs RS, Smyth MD, Wellons JC, 3rd, Blount JP, Oakes WJ: Human horns: a historical review and clinical correlation. *Neurosurgery* 52:1443-1447; discussion 1447-1448, 2003
33. Tubbs RS, Smyth MD, Wellons JC, 3rd, Oakes WJ: Distances from the atlantal segment of the vertebral artery to the midline in children. *Pediatr Neurosurg* 39:330-334, 2003
34. Tubbs RS, Smyth MD, Wellons JC, 3rd, Oakes WJ: Hemihypertrophy and the Chiari I malformation. *Pediatr Neurosurg* 38:258-261, 2003
35. Tubbs RS, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Inclination of the odontoid process in the pediatric Chiari I malformation. *J Neurosurg* 98:43-49, 2003
36. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Lumbar split cord malformation and Klippel-Feil syndrome. *Pediatr Neurosurg* 39:305-308, 2003
37. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Unilateral lambdoidal synostosis with mendosal suture involvement. *Pediatr Neurosurg* 39:55, 2003

38. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Occipital encephalocele, lipomeningomyelocele, and Chiari I malformation: case report and review of the literature. *Childs Nerv Syst* 19:50-53, 2003
39. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Chorda dorsalis. *Pediatr Neurosurg* 38:53, 2003
40. Tubbs RS, Wellons JC, 3rd, Oakes WJ, Blount JP: Reformation of the posterior atlanto-occipital membrane following posterior fossa decompression with subsequent constriction at the craniocervical junction. *Pediatr Neurosurg* 38:219-221, 2003
41. Tubbs RS, Wellons JC, 3rd, Salter G, Blount JP, Oakes WJ: Intracranial anatomic asymmetry in situs inversus totalis. *Anat Embryol (Berl)* 206:199-202, 2003
42. Tubbs RS, Wellons JC, 3rd, Salter G, Oakes WJ: Cranial deformation. *Clin Anat* 16:450-452, 2003
43. Tubbs RS, Wellons JC, 3rd, Smyth MD, Bartolucci AA, Blount JP, Oakes WJ, Grabb PA: Children with growth hormone deficiency and Chiari I malformation: a morphometric analysis of the posterior cranial fossa. *Pediatr Neurosurg* 38:324-328, 2003
44. Wellons J, Tubbs RS: The Management of Pediatric Closed Head Injury. *Seminars in Neurosurgery* 14:111-118, 2003
45. Blount J, Doughty K, Tubbs RS, Wellons JC, Reddy A, Law C, Karle V, Oakes WJ: In utero spontaneous cervical thoracic epidural hematoma imitating spinal cord birth injury. *Pediatr Neurosurg* 40:23-27, 2004
46. Blount JP, Severson M, Atkins V, Tubbs RS, Smyth MD, Wellons JC, Grabb PA, Oakes WJ: Sports and pediatric cerebrospinal fluid shunts: who can play? *Neurosurgery* 54:1190-1196; discussion 1196-1198, 2004
47. Reddy AT, Wellons JC, 3rd, Allen JC, Fiveash JB, Abdullatif H, Braune KW, Grabb PA: Refining the staging evaluation of pineal region germinoma using neuroendoscopy and the presence of preoperative diabetes insipidus. *Neuro Oncol* 6:127-133, 2004
48. Smyth MD, Banks JT, Tubbs RS, Wellons JC, 3rd, Oakes WJ: Efficacy of scheduled nonnarcotic analgesic medications in children after suboccipital craniectomy. *J Neurosurg* 100:183-186, 2004
49. Tubbs RS, Doughty K, Oakes WJ, Wellons JC, 3rd: Duane's syndrome and giant parietal foramina. *Pediatr Neurol* 30:75-76, 2004
50. Tubbs RS, Smyth MD, Wellons JC, 3rd, Oakes WJ: Arachnoid veils and the Chiari I malformation. *J Neurosurg* 100:465-467, 2004
51. Tubbs RS, Smyth MD, Wellons JC, 3rd, Oakes WJ: Intramedullary hemorrhage in a neonate after lumbar puncture resulting in paraplegia: a case report. *Pediatrics* 113:1403-1405, 2004
52. Tubbs RS, Soleau S, Custis J, Wellons JC, Blount JP, Oakes WJ: Degree of tectal beaking correlates to the presence of nystagmus in children with Chiari II malformation. *Childs Nerv Syst* 20:459-461, 2004
53. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ: Syringomyelia in twin brothers discordant for Chiari I malformation: case report. *J Child Neurol* 19:459-462, 2004

54. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ: Left-sided vagus nerve stimulation decreases intracranial pressure without resultant bradycardia in the pig: a potential therapeutic modality for humans. *Childs Nerv Syst* 20:309-312, 2004
55. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ, Grabb PA: Cessation of chronic hypertension after posterior fossa decompression in a child with Chiari I malformation. Case report. *J Neurosurg* 100:194-196, 2004
56. Tubbs RS, Wellons JC, 3rd, Iskandar BJ, Oakes WJ: Isolated flat capillary midline lumbosacral hemangiomas as indicators of occult spinal dysraphism. *J Neurosurg* 100:86-89, 2004
57. Tubbs RS, Wellons JC, Oakes WJ: Russell Silver syndrome and tethered spinal cord. *Childs Nerv Syst* 20:473-475; discussion 476-482, 2004
58. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Split cord malformation and situs inversus totalis: case report and review of the literature. *Childs Nerv Syst* 20:131-134, 2004
59. Tubbs RS, Wellons JC, 3rd, Salter G, Oakes WJ: Fenestration of the superior medullary velum as treatment for a trapped fourth ventricle: a feasibility study. *Clin Anat* 17:82-87, 2004
60. Wellons JC, 3rd, Reddy AT, Tubbs RS, Abdullatif H, Oakes WJ, Blount JP, Grabb PA: Neuroendoscopic findings in patients with intracranial germinomas correlating with diabetes insipidus. *J Neurosurg* 100:430-436, 2004
61. Wellons JC, Zomorodi AR, Villaviciencio AT, Woods CW, Lawson WT, Eastwood JD: Sacral tuberculosis: a case report and review of the literature. *Surg Neurol* 61:136-139; discussion 139-141, 2004
62. Blount JP, Tubbs RS, Okor M, Tyler-Kabara EC, Wellons JC, 3rd, Grabb PA, Oakes WJ: Supraplaxode spinal cord transection in paraplegic patients with myelodysplasia and repetitive symptomatic tethered spinal cord. *J Neurosurg* 103:36-39, 2005
63. Doughty K, Tubbs RS, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: An unusual case of impalement of the cranium in a child. *J Trauma* 58:1290-1293, 2005
64. Tubbs RS, Banks JT, Soleau S, Smyth MD, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Complications of ventriculosubgaleal shunts in infants and children. *Childs Nerv Syst* 21:48-51, 2005
65. Tubbs RS, Killingsworth CR, Rollins DL, Smith WM, Ideker RE, Wellons JC, 3rd, Blount JP, Oakes WJ: Vagus nerve stimulation for induced spinal cord seizures: insights into seizure cessation. *J Neurosurg* 102:213-217, 2005
66. Tubbs RS, Murphy RL, Golden JB, Etheridge B, Wellons JC, Blount JP, Salter EG, Oakes WJ: The results of compression forces applied to the isolated human calvaria. *Folia Morphol (Warsz)* 64:321-325, 2005
67. Tubbs RS, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: Superficial landmarks for the spinal accessory nerve within the posterior cervical triangle. *J Neurosurg Spine* 3:375-378, 2005
68. Tubbs RS, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: Anatomical landmarks for the lumbar plexus on the posterior abdominal wall. *J Neurosurg Spine* 2:335-338, 2005

69. Tubbs RS, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: The triangle of the vertebral artery. *Neurosurgery* 56:252-255; discussion 252-255, 2005
70. Tubbs RS, Tyler-Kabara EC, Wellons JC, 3rd, Blount JP, Oakes WJ: Unusual findings during abdominal placement of a ventriculoperitoneal shunt: report of three cases. *J Neurosurg* 102:423-425, 2005
71. Tubbs RS, Wellons JC, 3rd, Blount JP, Grabb PA, Oakes WJ: Referred shoulder pain from ventriculoperitoneal shunts. Report of three cases. *J Neurosurg* 102:218-220, 2005
72. Tubbs RS, Wellons JC, 3rd, Blount JP, Oakes WJ: Transient ventriculoperitoneal shunt dysfunction in children with myelodysplasia and urinary bladder infection. Report of three cases. *J Neurosurg* 102:221-223, 2005
73. Tubbs RS, Wellons JC, 3rd, Oakes WJ: Split cord malformation and situs inversus totalis: case report and review of the literature. *Childs Nerv Syst* 21:161-164, 2005
74. Tubbs RS, Acakpo-Satchivi L, Blount JP, Oakes WJ, Wellons JC, 3rd: Pericallosal artery pseudoaneurysm secondary to endoscopic-assisted ventriculoperitoneal shunt placement. Case report. *J Neurosurg* 105:140-142, 2006
75. Tubbs RS, Ammar K, Liechty P, Wellons JC, 3rd, Blount JP, Salter EG, Oakes WJ: The marginal sinus. *J Neurosurg* 104:429-431, 2006
76. Tubbs RS, Custis JW, Salter EG, Blount JP, Oakes WJ, Wellons JC, 3rd: Quantitation of and landmarks for the muscular branches of the ulnar nerve to the forearm for application in peripheral nerve neurotization procedures. *J Neurosurg* 104:800-803, 2006
77. Tubbs RS, Custis JW, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: Quantitation of and superficial surgical landmarks for the anterior interosseous nerve. *J Neurosurg* 104:787-791, 2006
78. Tubbs RS, Khoury CA, Salter EG, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: Quantitation of the lower subscapular nerve for potential use in neurotization procedures. *J Neurosurg* 105:881-883, 2006
79. Tubbs RS, Salter EG, Custis JW, Wellons JC, 3rd, Blount JP, Oakes WJ: Surgical anatomy of the cervical and infraclavicular parts of the long thoracic nerve. *J Neurosurg* 104:792-795, 2006
80. Tubbs RS, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: Superficial surgical landmarks for identifying the posterior interosseous nerve. *J Neurosurg* 104:796-799, 2006
81. Tubbs RS, Shoja MM, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ, Iskandar BJ: Exposure of the V1-V3 segments of the vertebral artery via the posterior cervical triangle: a cadaveric feasibility study. *J Neurosurg Spine* 5:320-323, 2006
82. Wellons JC, 3rd, Tubbs RS: Staged surgical treatment of a giant neonatal craniopharyngioma. Case illustration. *J Neurosurg* 105:76, 2006
83. Acakpo-Satchivi L, Tubbs RS, Woolley AL, Bui CJ, Liechty P, Hammers Y, Wellons J, 3rd, Blount JP, Oakes WJ: Craniopharyngioma marsupialization. Case illustration. *J Neurosurg* 107:521, 2007
84. Blount JP, Tubbs RS, Wellons JC, 3rd, Acakpo-Satchivi L, Bauer D, Oakes WJ: Spinal cord transection for definitive untethering of repetitive tethered cord. *Neurosurg Focus* 23:1-4, 2007

85. Bui CJ, Tubbs RS, Pate G, Morgan T, Barnhart DC, Acakpo-Satchivi L, Wellons JC, Oakes WJ, Blount JP: Infections of pediatric cerebrospinal fluid shunts related to fundoplication and gastrostomy. *J Neurosurg* 107:365-367, 2007
86. Bui CJ, Tubbs RS, Shannon CN, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: Institutional experience with cranial vault encephaloceles. *J Neurosurg* 107:22-25, 2007
87. Kazmi SA, Perry A, Pressey JG, Wellons JC, Hammers Y, Palmer CA: Primary Ewing sarcoma of the brain: a case report and literature review. *Diagn Mol Pathol* 16:108-111, 2007
88. Liechty P, Tubbs RS, Loukas M, Blount JP, Wellons JC, Acakpo-Satchivi L, Oakes WJ, Grabb PA: Spinal accessory nerve meningioma in a paediatric patient: case report. *Folia Neuropathol* 45:23-25, 2007
89. Pearson B, Bui CJ, Tubbs RS, Wellons JC, 3rd: An unusual complication of a ventriculopleural shunt. Case illustration. *J Neurosurg* 106:410, 2007
90. Tubbs RS, Frykman PK, Harmon CM, Oakes WJ, Wellons JC, 3rd: An unusual sequelae of an infected persistent dermal sinus tract. *Childs Nerv Syst* 23:569-571, 2007
91. Tubbs RS, Kelly DR, Humphrey ER, Chua GD, Shoja MM, Salter EG, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: The tectorial membrane: anatomical, biomechanical, and histological analysis. *Clin Anat* 20:382-386, 2007
92. Tubbs RS, Law C, Davis D, Shoja MM, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: Scheduled oral analgesics and the need for opiates in children following partial dorsal rhizotomy. *J Neurosurg* 106:439-440, 2007
93. Tubbs RS, Loukas M, Louis RG, Jr., Shoja MM, Acakpo-Satchivi L, Blount JP, Salter EG, Oakes WJ, Wellons JC, 3rd: Anatomy of the falcine venous plexus. *J Neurosurg* 107:155-157, 2007
94. Tubbs RS, Loukas M, Shoja MM, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: The nerve to the mylohyoid as a donor for facial nerve reanimation procedures: a cadaveric feasibility study. *J Neurosurg* 106:677-679, 2007
95. Tubbs RS, Loukas M, Shoja MM, Spinner RJ, Middlebrooks EH, Stetler WR, Jr., Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: Endoscopically assisted decompression of the suprascapular nerve in the supraspinous fossa: a cadaveric feasibility study. Laboratory investigation. *J Neurosurg* 107:1164-1167, 2007
96. Tubbs RS, Salter EG, Killingsworth C, Rollins DL, Smith WM, Ideker RE, Wellons JC, 3rd, Blount JP, Oakes WJ: Right-sided vagus nerve stimulation inhibits induced spinal cord seizures. *Clin Anat* 20:23-26, 2007
97. Tubbs RS, Salter EG, Wellons JC, 3rd, Blount JP, Oakes WJ: The sphenoparietal sinus. *Neurosurgery* 60:ONS9-12; discussion ONS12, 2007
98. Tubbs RS, Salter EG, Wellons JC, Blount JP, Oakes WJ: Landmarks for the identification of the cutaneous nerves of the occiput and nuchal regions. *Clin Anat* 20:235-238, 2007

99. Tubbs RS, Stetler W, Shoja MM, Loukas M, Hansasuta A, Liechty P, Acakpo-Satchivi L, Wellons JC, Blount JP, Salter EG, Oakes WJ: The lateral atlantooccipital ligament. *Surg Radiol Anat* 29:219-223, 2007
100. Tubbs RS, Wellons JC, 3rd, Blount JP, Salter EG, Oakes WJ: Forces necessary for the disruption of the cisternal segments of cranial nerves II through XII. *Clin Anat* 20:252-255, 2007
101. Wellons JC, 3rd, Tubbs RS, Bui CJ, Grabb PA, Oakes WJ: Urgent surgical intervention in pediatric patients with Chiari malformation type I. Report of two cases. *J Neurosurg* 107:49-52, 2007
102. Acakpo-Satchivi L, Shannon CN, Tubbs RS, Wellons JC, 3rd, Blount JP, Iskandar BJ, Oakes WJ: Death in shunted hydrocephalic children: a follow-up study. *Childs Nerv Syst* 24:197-201, 2008
103. Simon TD, Riva-Cambrin J, Srivastava R, Bratton SL, Dean JM, Kestle JR for the HCRN: Hospital care for children with hydrocephalus in the United States: utilization, charges, comorbidities, and deaths. *J Neurosurg Pediatrics* 1:131-137, 2008
104. Tubbs RS, Oakes WJ, Wellons JC, Grabb PA: Ulnar nerve palsy in a child with Larsen syndrome. *J Neurosurg Pediatrics* 1:107, 2008
105. Tubbs RS, Loukas M, Shoja MM, Doyle S, Wellons JC: Retained hand function following transection of the ulnar nerve. *Bratisl Lek Listy* 109:281-2, 2008
106. Tubbs RS, Loukas M, Shoja MM, Cohen-Gadol AA, Wellons JC, Oakes WJ: Roots of neuroanatomy, neurology, and neurosurgery as found in the Bible and Talmud. *Neurosurgery* 63:156-62, 2008.
107. Tubbs RS, Loukas M, Shoja MM, Shokouhi G, Wellons JC, Oakes WJ, Cohen-Gadol AA: The contralateral long thoracic nerve as a donor for upper brachial plexus neurotization procedures: cadaveric feasibility study. *J Neurosurg* 110(4):749-53, 2009. (Chosen as Cover Illustration)
108. Wellons JC, Tubbs RS, Pugh JA, Bradley NJ, Law CR, Grabb PA: Medial Pectoral Nerve to Musculocutaneous Nerve Neurotization for the Treatment of Persistent Birth-Related Brachial Plexus Palsy: An Eleven Year Institutional Experience. *J Neurosurg Pediatr* 3:348-353, 2009. (Chosen as Cover Illustration)
109. Wellons JC, Shannon CN, Kulkarni AV, Simon TD, Riva-Cambrin J, Whitehead WE, Oakes WJ, Drake JM, Luerssen TG, Walker ML, Kestle JR: A multicenter retrospective comparison of conversion from temporary to permanent cerebrospinal fluid diversion in very low birth weight infants with post hemorrhagic hydrocephalus. *J Neurosurg Pediatr* 4:50-55, 2009
110. Tubbs RS, Pugh J, Acakpo-Satchivi L, Wellons JC, 3rd, Blount JP, Oakes WJ: Acute ventriculoperitoneal shunt malfunction following opening of the spinal subarachnoid space: a case series. *Childs Nerv Syst* 25:599-600; discussion 601-595, 2009
111. Tubbs RS, Loukas M, Shoja MM, Wellons JC, Cohen-Gadol AA: Feasibility of ventricular expansion postmortem: a novel laboratory model for neurosurgical training that simulates intraventricular endoscopic surgery. *J Neurosurg* 111:1165-1167, 2009
112. Tubbs RS, Jones VL, Loukas M, Comert A, Shoja MM, Wellons JC, Cohen-Gadol, AA: Anatomy and landmarks for branches of the brachial plexus: a vade mecum. *Surg Radiol Anat* 32:261-70, 2010

113. Luther N, Stetler WR, Dunkel IJ, Christos PJ, Wellons JC, Souweidane MM: Subarachnoid dissemination of intraventricular tumors following simultaneous endoscopic biopsy and third ventriculostomy. *J Neurosurg Pediatr* 5:61-7, 2010
114. Tubbs RS, Griessenauer CJ, Hankinson T, Rozzelle C, Wellons JC, Blount JP, Oakes WJ, Cohen-Gadol AA: Retroclival epidural hematomas: a clinical series. *Neurosurgery* 67(2):404-6 discussion 6-7, 2010
115. Naftel RP, Tubbs RS, Reed GT, Wellons JC: Small ventricular access prior to rigid neuroendoscopy. *J Neurosurg Pediatr* 6(4):325-8, 2010 (Chosen as Cover Illustration)
116. Bauer DF, Waters AM, Tubbs RS, Rozzelle CJ, Wellons JC, Blount JP, Oakes WJ: Safety and utility of scheduled non-narcotic analgesic medications in children undergoing craniotomy for brain tumor. *Neurosurgery* 67(2):353-5 discussion 5-6, 2010
118. Naftel RP, Shannon C, Reed G, Martin R, Blount J, Tubbs RS, Wellons JC: Small ventricle neuroendoscopy for pediatric brain tumor management. *J Neurosurg Pediatr* 7:104-110, 2011
119. Tubbs RS, Bradley N, Harmon D, Hankinson TC, Kelly DR, Wellons JC, 3rd: Involvement of the brachial plexus and its branches by cystic hygromas. *J Neurosurg Pediatr* 7:282-285, 2011
120. Tubbs RS, Beckman J, Naftel RP, Chern JJ, Wellons JC, 3rd, Rozzelle CJ, Blount JP, Oakes WJ: Institutional experience with 500 cases of surgically treated pediatric Chiari malformation Type I. *J Neurosurg Pediatr* 7:248-256, 2011
121. Kestle JR, Riva-Cambrin J, Wellons JC, Kulkarni AV, Whitehead WE, Walker ML, Oakes WJ, Drake JM, Luerssen TG, Simon TD, Holubkov R: A standardized protocol to reduce cerebrospinal fluid shunt infection: The Hydrocephalus Clinical Research Network Quality Improvement Initiative. *J Neurosurg Pediatr* 8:22-29, 2011
122. Hankinson T, Tubbs RS, Wellons JC: Duraplasty or not? An evidence-based review of the pediatric Chiari I malformation. *Childs Nerv Syst* 27:35-40, 2011
123. Chern JJ, Gordon AS, Naftel RP, Tubbs RS, Oakes WJ, Wellons JC: Intradural spinal endoscopy in children. *J Neurosurg Pediatr* 8:107-111, 2011
124. Shannon CN, Simon TD, Reed GT, Franklin FA, Kirby RS, Kilgore ML, Wellons JC, 3rd. The economic impact of ventriculoperitoneal shunt failure. *J Neurosurg Pediatr.* 8:593-599, 2011
125. Chern JJ, Miller JH, Tubbs RS, Whisenhunt TR, Johnston JM, Wellons JC, 3rd, Rozzelle CJ, Blount JP, Oakes WJ. Massive pediatric neurosurgical injuries and lessons learned following a tornado disaster in Alabama. *J Neurosurg Pediatr.* 8:588-592, 2011
126. Naftel RP, Reed GT, Kulkarni AV, Wellons JC. Evaluating the children's hospital of Alabama endoscopic third ventriculostomy experience using the endoscopic third ventriculostomy success score: An external validation study. *J Neurosurg Pediatr.* 8:494-501, 2011
127. Chern JJ, Kirkman JL, Shannon CN, Tubbs RS, Stone JD, Royal SA, Oakes WJ, Rozzelle CJ, Wellons JC. Use of lumbar ultrasonography to detect occult spinal dysraphism. *J Neurosurg Pediatr.* 9:274-279, 2012
128. Naftel RP, Tubergen E, Shannon CN, Gran KA, Vance EH, Oakes WJ, Blount JP, Wellons JC, 3rd. Parental recognition of shunt failure: A prospective single-institution study. *J Neurosurg Pediatr.* 2012;9:363-371, 2012

129. Tubbs RS, Muhleman M, Miller J, Shoja MM, Loukas M, Wellons JC, Oakes WJ: Cervical ribs with neurological sequelae in children: A case series. *Childs Nerv Syst.* 28:605-608, 2012
130. Tubbs RS, Hattab EM, Loukas M, Chern JJ, Wellons M, Wellons JC, 3rd, Iskandar BJ, Cohen-Gadol AA. Histological analysis of the third ventricle floor in hydrocephalic and nonhydrocephalic brains: Application to neuroendocrine complications following third ventriculostomy procedures. *J Neurosurg Pediatr.* 9:178-181, 2012
131. Riva-Cambrin J, Shannon CN, Holubkov R, Whitehead WE, Kulkarni AV, Drake J, Simon TD, Browd SR, Kestle JR, Wellons JC 3rd. Center effect and other factors influencing temporization and shunting of cerebrospinal fluid in preterm infants with intraventricular hemorrhage. *J Neurosurg Pediatr.* 9:473-481, 2012
132. Chern JJ, Muhleman M, Tubbs RS, Miller JH, Johnston JM, Wellons JC 3rd, Blount JP, Oakes WJ, Rozzelle CJ. Clinical evaluation and surveillance imaging in children with spina bifida aperta and shunt-treated hydrocephalus. *J Neurosurg Pediatr.* 9(6):621-6, 2012
133. Chern JJ, Aksut B, Kirkman JL, Shoja MM, Tubbs RS, Royal SA, Wellons JC 3rd, Rozzelle CJ. The accuracy of abnormal lumbar sonography findings in detecting occult spinal dysraphism: a comparison with magnetic resonance imaging. *J Neurosurg Pediatr.* Aug;10(2):150-3 2012
134. Shannon CN, Acakpo-Satchivi L, Kirby RS, Franklin FA, Wellons JC 3rd. Ventriculoperitoneal shunt failure: an institutional review of 2-year survival rates. *Childs Nerv Syst.* Dec;28(12):2093-9 2012.
135. Romeo A, Naftel RP, Griessenauer CJ, Reed GT, Martin R, Shannon CN, Grabb PA, Tubbs RS, Wellons JC, 3rd. Long-term change in ventricular size following endoscopic third ventriculostomy for hydrocephalus due to tectal plate gliomas. *J Neurosurg Pediatr.* Jan;11(1):20-5, 2013
136. Wellons JC 3rd, Holubkov R, Browd SR, Riva-Cambrin J, Whitehead W, Kestle J, Kulkarni AV; for the Hydrocephalus Clinical Research Network. The assessment of bulging fontanel and splitting of sutures in premature infants; an interrater reliability study by the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr.* Jan;11(1):26-36, 2013.
137. Naftel RP, Safiano NA, Falola MI, Shannon CN, Wellons JC 3rd, Johnston JM Jr. Technology preferences among caregivers of children with hydrocephalus. *J Neurosurg Pediatr.* Jan;11(1):26-36 2013.
138. Tubbs RS, Griessenauer C, Rizk E, Shoja MM, Pehler SF, Wellons JC 3rd, Conklin MJ. Posterior interosseous nerve palsy in a child associated with recurrent dislocation of the head of the radius. *J Neurosurg Pediatr.* Apr;11(4):389-91, 2013
139. Naftel RP, Safiano NA, Falola M, Blount JP, Oakes WJ, Wellons JC 3rd. The association between race and frequent shunt failure: a single-center study. *J Neurosurg Pediatr.* May;11(5):552-7 2013.
140. Foreman P, McCluggage S, Naftel RP, Griessenauer CJ, Ditty BJ, Agee B, Riva-Cambrin J, Wellons JC 3rd. Validation and modification of a predictive model of post-resection hydrocephalus in pediatric patients with posterior fossa tumors. *Neurosurgery*, Aug;60 Suppl 1:153-4 2013.
141. Rizk E, Chern JJ, Tagayun C, Tubbs RS, Hankinson T, Rozzelle C, Oakes WJ, Blount JP, Wellons JC 3rd. Institutional experience of endoscopic suprasellar arachnoid cyst fenestration. *Childs Nerv Syst.* Aug;29(8):1345-7 2013

142. Kulkarni AV, Riva-Cambrin J, Butler J, Browd SR, Drake JM, Holubkov R, Kestle JR, Limbrick DD, Simon TD, Tamber MS, Wellons JC 3<sup>rd</sup>, Whitehead WE. Outcomes of CSF shunting in children; comparison of Hydrocephalus Clinical Research Network cohort with historical controls. *J Neurosurg Pediatr.* Oct;12(4):334-38 2013.
143. Naftel RP, Tubbs RS, Menendez JY, Wellons JC 3<sup>rd</sup>, Pollack IF, Oakes WJ. Worsening or development of syringomyelia following Chiari I decompression. *J Neurosurg Pediatr.* Oct;12(4):351-56 2013.
144. Wellons JC 3<sup>rd</sup>. Editorial: Pediatric neurosurgery. *J Neurosurg Pediatr.* Nov;12(5):419-21 2013.
145. Miller JH, Garber ST, McCormick DE, Eskandari R, Walker ML, Rizk E, Tubbs RS, Wellons JC 3<sup>rd</sup>. Oberlin transfer and partial radial to axillary nerve neurotization to repair an explosive traumatic injury to the Brachial Plexus in a child: Case report. *Childs Nerv Syst.* Nov;29(11):2105-9 2013.
146. Whitehead WE, Riva-Cambrin J, Wellons JC 3<sup>rd</sup>, Kulkarni AV, Holubkov R, Illner A, Oakes WJ, Luerssen TG, Walker ML, Drake JM, Kestle JR; Hydrocephalus Clinical Research Network. No significant improvement in the rate of accurate ventricular catheter location using ultrasound-guided CSF shunt insertion: a prospective, controlled study by the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr.* Dec;12(6):565-74 2013.
147. Wilkins SA, Shannon CN, Brown S, Vance EH, Ferguson D, Gran K, Crowther M, Wellons JC 3<sup>rd</sup>, Johnston JM. Establishment of a multidisciplinary concussion program: impact of standardization on patient care and resource utilization. *J Neurosurg Pediatr.* Jan;13(1):82-9 2014.
148. Rozzelle CJ, Reed GT, Kirkman JL, Shannon CN, Chern JJ, Wellons JC 3<sup>rd</sup>, Tubbs RS. Sonographic determination of normal conus medullaris level and ascent in early infancy. *Childs Nerv Syst.* Apr;30(4):655-8 2014
149. Simon TD, Butler J, Whitlock KB, Browd SR, Holubkov R, Kestle JR, Kulkarni AV, Langley M, Limbrick DD Jr, Mayer-Hamblett N, Tamber M, Wellons JC 3<sup>rd</sup>, Whitehead WE, Riva-Cambrin J; Hydrocephalus Clinical Research Network. Risk factors for first cerebrospinal fluid shunt infection: findings from a multi-center prospective cohort study. *J Pediatr.* Jun;164(6):1462-8.e2 2014
150. Bennett KA, Carroll MA, Shannon CN, Braun SA, Dabrowiak ME, Crum AK, Paschall RL, Kavanaugh-McHugh AL, Wellons JC 3<sup>rd</sup>, Tulipan NB. Reducing perinatal complications and preterm delivery for patients undergoing in utero closure of fetal Myelomeningocele: further modifications to the multidisciplinary surgical technique. *J Neurosurg Peds.* Jul;14(1):108-14 2014
151. Schulte R, Jordan LC, Morad A, Naftel RP, Wellons JC 3<sup>rd</sup>, Sidonio R. Rise in late onset vitamin K deficiency bleeding in young infants because of omission or refusal of prophylaxis at birth. *Pediatr Neurol.* 50(2014)564-68
152. Whitehead WE, Riva-Cambrin J, Wellons JC 3<sup>rd</sup>, Kulkarni AV, Browd S, Limbrick D, Rozzelle C, Tamber MS, Simon TD, Shannon CN, Holubkov R, Oakes WJ, Luerssen TG, Walker ML, Drake JM, Kestle JR; for the Hydrocephalus Clinical Research Network. Factors associated with ventricular catheter movement and inaccurate catheter location: post hoc analysis of the Hydrocephalus Clinical Research Network ultrasound-guided shunt placement study. *J Neurosurg Pediatr.* 2014 Aug;14(2):173-8. Epub 2014 Feb 28.
153. Kulkarni AV, Riva-Cambrin J, Browd SR, Drake JM, Holubkov R, Kestle JR, Limbrick DD, Rozzelle CJ, Simon TD, Tamber MS, Wellons JC 3<sup>rd</sup>, Whitehead WE; for the Hydrocephalus Clinical Research Network. Endoscopic third ventriculostomy and choroid plexus cauterization in infants with hydrocephalus: a

retrospective Hydrocephalus Clinic Research Network study. *J Neurosurg Pediatr.* 2014 Sep;14(3):224-9. Epub 2014 Jul 4.

154. Ettinger N, Pearson M, Lamb FS, Wellons JC 3<sup>rd</sup>. Pediatric posterior reversible encephalopathy syndrome presenting with isolated cerebellar edema and obstructive hydrocephalus. *J Neurosurg Pediatr.* 2014 Oct;14(4):344-7. Epub 2014 Jul 25 PMID: 25062302
155. Zuckerman SL, Eli IM, Shah MN, Bradley N, Stutz CM, Park TS, Wellons JC 3<sup>rd</sup>. Radial to axillary nerve neurotization for brachial plexus injury in children: a combined case series. *J Neurosurg Pediatr.* 2014 Nov;14(5):518-26. Epub 2014 Sep 5
156. Shannon CN, Carr KR, Tomycz L, Wellons JC, Tulipan NB. Time to first shunt failure in pediatric patients over 1 year old: A 10-year retrospective study. *Pediatr Neurosurg* 2013;49(6):353-9 Epub 2014 Nov 27.
157. Ladner TR, Dewan MC, Day MA, Shannon CN, Tomycz L, Tulipan N, Wellons JC 3<sup>rd</sup>. Evaluating the relationship of the pB-C2 line to clinical outcomes in a 15-year single-center cohort of pediatric Chiari I malformation. *J Neurosurg Pediatr.* 2015 Feb;15(2):178-88; Epub 2014 Dec 5:1-11
158. Ladner TR, Mahdi J, Attia A Froehler MT, Le TM, Lorinc AN, Mocco J, Naftel RP, Newton AT, Pruthi S, Tenenholz T, Vance EH, Wushensky CA, Wellons JC 3<sup>rd</sup>, Jordan LC. A multispecialty pediatric neurovascular conference: a model for interdisciplinary management of complex disease. *Pediatr Neurol* 2015 Feb;52(2):165-73. Epub 2014 Oct 16
159. Braun SA, Wellons JC. Editorial: The design of flaps for coverage of large myelomeningocele defects. *J Neurosurg Pediatr.* 2015 May;15(5):465-6; discussion 466. Epub 2015 Feb 13. PMID: 25679380
160. Nguyen TT, Hill S, Austin TM, Whitney GM, Wellons JC, Lam HV. Use of blood-sparking surgical techniques and transfusion algorithms: association with decreased blood administration in children undergoing primary open craniosynostosis repair. *J Neurosurg Pediatr* 2015 Jul 31:1-8 [Epub ahead of print] PMID 26230459.
161. Greenberg JK, Ladner TR, Olsen MA, Shannon CN, Liu J, Yarbrough CK, Piccirillo JF, Wellons JC 3<sup>rd</sup>, Smith MD, Park TS, Limbrick DD. Validation of an international classification of diseases, ninth revision code algorithm for identifying Chiari malformation type 1 surgery in adults. *Neurosurgery* 2015 Aug;77(2) 269-73, Epub 2015 Apr 27 PMID 25924208
162. Ladner TR, Dewan MC, Day M, Shannon CN, Tomycz L, Tulipan N, Wellons JC. Posterior odontoid process angulation in pediatric Chiari I malformation: an MRI morphometric external validation study. *J Neurosurg Peds* 2015 Aug;16(2):138-45. Epub 2015 May 22. PMID 26053869
163. Greenberg JK, Ladner TR, Olsen MA, Shannon CN, Liu E, Yarbrough C, Piccirillo JF, Wellons JC, Smyth MD, Park TS, Limbrick DD. Complications and resource use associated with surgery for Chiari malformation Type 1 in adults: a population perspective. *Neurosurgery* 2015 Aug;77(2):261-8. PMID: 25910086.
164. Morgan CD, Wolf MS, Le TM, Shannon CN, Wellons JC, Mettler B. Cerebral ventriculomegaly after the bidirectional Glenn (BDG) shunt: a single institution retrospective analysis. *Childs Nerv Syst* 2015 Nov;31(11):2131-4. Epub 2015 Aug 18 PMID 26280632
165. Le TM, Wellons JC, Editorial: television sets and traumatic brain injury. *J Neurosurg Pediatr.* 2016 Jan;17(1):1-2. Epub 2015 Sep 29 PMID 26415582

166. Tulipan NB, Wellons JC, Thom EA, Gupta N, Sutton LN, Burrows PK, Farmer D, Walsh W, Johnson MP, Rand L, Tolivaisa S, D'alton ME, Adzick NS; for the MOMS investigators. Prenatal surgery for myelomeningocele and the need for cerebrospinal fluid shunt placement. *J Neurosurg Pediatr.* 2015 Dec;16(6):613-20. Epub 2015 Sep 15 PMID 26369371
167. Zuckerman SL, Mistry AM, Hanif R, Chambless LB, Neimat JS, Wellons JC, Mocco J, Sills AK, McGirt MJ, Thompson RC. Neurosurgery elective for preclinical medical students: early exposure and changing attitudes. *World Neurosurg.* 2016 Feb;86:120-6. Epub 2015 Sep 7 PMID 26361323
168. Ladner TR, Westrick AC, Wellons JC, Shannon CN. Health-related quality of life in pediatric Chiari Type I malformation: the Chiari health index for pediatrics (CHIP). *J Neurosurg Pediatr.* 2016 Jan;17(1):76-85. Epub 2015 Oct 2 PMID 26431245
169. O'Lynnnger TM, Shannon CN, Le TM, Greeno A, Chung D, Lamb FS, Wellons JC. Standardizing ICU management of pediatric traumatic brain injury is associated with improved outcomes at discharge. *J Neurosurg Pediatr.* 2016 Jan;17(1):19-26. Epub 2015 Oct 9 PMID: 26451717
170. Riva-Cambrin J, Kestle JR, Holubkov R, Butler J, Kulkarni AV, Drake J, Whitehead WE, Wellons JC 3<sup>rd</sup>, Shannon CN, Tamber MS, Limbrick DD Jr, Rozzelle C, Browd SR, Simon TD; Hydrocephalus Clinical Research Network. Risk factors for shunt malfunction in pediatric hydrocephalus: a multicenter prospective cohort study. *J Neurosurg Pediatr.* 2015 Dec 4:1-9. [Epub ahead of print] PMID 26636251
171. Ladner TR, Greenberg JK, Guerrero N, Olsen MA, Shannon C, Yarbrough CK, Piccirillo JF, Anderson R, Wellons JC, Smyth MD, Park TS, Limbrick D. Validation of an ICD-9 code algorithm to study Chiari malformation type 1 surgery using administrative billing databases. *J Neurosurg Pediatr* (accepted)
172. Kestle JR, Holubkov R, Douglas Cochrane D, Kulkarni AV, Limbrick DD Jr, Luerssen TG, Jerry Oakes W, Riva-Cambrin J, Rozzelle C, Simon TD, Walker ML, Wellons JC 3<sup>rd</sup>, Browd SR, Drake JM, Shannon CN, Tamber MS, Whitehead WE; Hydrocephalus Clinical Research Network. A new hydrocephalus clinical research network protocol to reduce cerebrospinal fluid shunt infection. *J Neurosurg Pediatr.* 2015 Dec 18:1-6. [Epub ahead of print] PMID 26684763
173. Wellons JC 3<sup>rd</sup>. Editorial: Post-untethering positioning and diuresis. *J Neurosurg Pediatr.* 2016 Jun;17(6):657-8. Epub 2016 Jan 29. PMID: 26824598
174. Zuckerman SL, Allen LA, Broome C, Bradley N, Law C, Shannon C, Wellons JC 3<sup>rd</sup>. Functional outcomes of infants with Narakas grade 1 birth-related brachial plexus palsy undergoing neurotization compared with infants who did not require surgery. *Childs Nerv Syst* 2016 May;32(5):791-800. Epub 2016 Feb 23 PMID 26906477
175. Greenberg JK, Olsen, MA, Yarbrough CK, Ladner TR, Shannon CN, Piccirillo JF, Anderson RC, Wellons JC 3<sup>rd</sup>, Smyth MD, Park TS, Limbrick DD Jr. Chiari malformation type I surgery in pediatric patients. Part 2: complications and the influence of comorbid disease in California, Florida, and New York. *J Neurosurg Pediatr.* 2016 Jan 22:1-8 [Epub ahead of print] PMID 26799408
176. Ladner TR, Greenberg JK, Guerrero N, Olsen, MA, Shannon CN, Yarbrough CK, Piccirillo JF, Anderson RC, Feldstein NA, Wellons JC 3<sup>rd</sup>, Smyth MD, Park TS, Limbrick DD Jr. Chiari malformation type I surgery in pediatric patients. Part 1: validation of an ICD-9-CM code search algorithm. *J Neurosurg Pediatr.* 2016 Jan 22:1-6 [Epub ahead of print] PMID 26799412

177. Iqbal J, Dufendach KR, Wellons JC, Kuba MG, Nickols HH, Gomez-Duarte OG, Wynn JL. Lethal neonatal meningoencephalitis caused by multi-drug resistant, highly virulent Escherichia coli. *Infect Dis (Lond)*. 2016;48(6):461-6 Epub 2016 Feb 19. PMID: 27030919
178. Miller JH, Montalbano MJ, Raborn J, Gordon A, Rizk E, Tubbs RS, Kim Hyunmi, Wellons JC 3<sup>rd</sup>. Successful surgical treatment of intractable hemifacial spasm: a case report and review of cerebellar hamartomas of the floor of the fourth ventricle. *Translational Research in Anatomy* 2016 (5) 1-4.
179. Dewan MC, Mummareddy N, Wellons JC 3<sup>rd</sup>, Bonfield CM. The epidemiology of global pediatric traumatic brain injury: a qualitative review. *World Neurosurg*. 2016 Jul;91:497-509. Epub 2016 Mar 25 Review. PMID 27018009
180. Douleh DG, Morone PJ, Johnson JE, Pauksakon P, Wellons JC 3<sup>rd</sup>. Actinomycosis mimicking Tolosa-Hunt Syndrome in a 6-year-old boy: case report. *Pediatr Neurosurg* 2016;51(4):214-7. Epub 2016 Apr 13. PMID: 27070954.
181. Kulkarni AV, Riva-Cambrin J, Holubkov R, Browd SR, Cochrane DD, Drake JM, Limbrick DD, Rozzelle CJ, Simon TD, Tamber MS, Wellons JC 3<sup>rd</sup>, Whitehead WE, Kestle JR; Hydrocephalus Clinical Research Network. Endoscopic third ventriculostomy in children: prospective, multicenter results from the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr*. 2016 Oct;18(4):423-429. Epub 2016 Jun 3. PMID 27258593
182. Brown ZD, Bey AK, Bonfield CM, Westrick AC, Kelly K, Kelly K, Wellons JC 3<sup>rd</sup>. Racial disparities in healthcare access among pediatric patients with craniosynostosis. *J Neurosurg Pediatr*. 2016 Sep;18(3):269-74. Epub 2016 May 27. PMID 27231822
183. Dewan MC, Lim J, Morgan CD, Gannon SR, Shannon CN, Wellons JC 3<sup>rd</sup>, Naftel RP. Endoscopic third ventriculostomy with choroid plexus cauterization outcome: distinguishing success from failure. *J Neurosurg Pediatr*. 2016 Dec;25(6):655-662. Epub 2016 Aug 26. PMID: 27564786
184. Simon TD, Kronman M, Whitlock KB, Gove N, Browd SR, Holubkov R, Kestle JR, Kulkarni A, Langley M, Limbrick DD, Luerssen TG, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons JC, Whitehead WE, Mayer-Hamblett N, Hydrocephalus Clinical Research Network (HCRN). Variability in management of first cerebrospinal fluid (CSF) shunt infection: a prospective multi-institutional observational cohort study. *J Pediatr*. 2016 Dec;179:185-191. Epub 2016 Sep 28. PMID 27692463
185. Whitehead WE, Riva-Cambrin J, Kulkarni AV, Wellons JC 3<sup>rd</sup>, Rozzelle CJ, Tamber MS, Limbrick DD Jr, Browd SR, Naftel RP, Shannon CN, Simon TD, Holubkov R, Illner A, Cochrane DD, Drake JM, Luerssen TG, Oakes WJ, Kestle JR; for the Hydrocephalus Clinical Research Network. Ventricular catheter entry site and not catheter tip location predicts shunt survival: a secondary analysis of 3 large pediatric hydrocephalus studies. *J Neurosurg Pediatr*. 2017 Feb;19(2):157-167. Epub 2016 Nov 4. PMID 27813457
186. Laskay NM, Arynchyna AA, McClugage SG 3<sup>rd</sup>, Hopson B, Shannon C, Ditty B, Wellons JC 3<sup>rd</sup>, Blount JP, Rocque BG. A comparison of the MOMS trial results to a contemporaneous, single-institution, postnatal closure cohort. *Childs Nerv Syst*. 2017 Apr;33(4):639-646. Epub 2016 Dec 27. PMID 28028598
187. Zuckerman SL, Mistry A, Dewan MC, Morone PJ, Sills AK, Wellons JC 3<sup>rd</sup>, Thompson RC. In reply to: Medical student recruitment into neurosurgery: Maximizing the pool of talent. *World Neurosurg*. 2017 Feb;98:860. PMID: 28235352

188. Dewan MC, White-Dzuro GA, Brinson PR, Zuckerman SL, Morone PJ, Thompson RC, Wellons JC 3<sup>rd</sup>, Chambless LB. The influence of perioperative seizure prophylaxis on seizure rate and hospital quality metrics following glioma resection. *Neurosurgery* 2017 Apr 1;80(4):563-70. PMID: 28362915.
189. Dewan MC, Lim J, Shannon CN, Wellons JC 3<sup>rd</sup>. The durability of endoscopic third ventriculostomy and ventriculoperitoneal shunts in children with hydrocephalus following posterior fossa tumor resection: a systematic review and time-to-failure analysis. *J Neurosurg Pediatr.* 2017 May;19(5):578-584. Epub 2017 Mar 10. PMID: 28291428
190. Mistry AM, Kumar NG, Reynolds RA, Hale AT, Wellons JC 3<sup>rd</sup>, Naftel RP. Global diversity and academic success of foreign-trained academic neurosurgeons in the United States. *World Neurosurg.* 2017 Aug;104:900-903. Epub 2017 Apr 30. PMID 28465272
191. Wellons JC 3<sup>rd</sup>, Shannon CN, Holubkov R, Riva-Cambrin J, Kulkarni AV, Limbrick DD Jr, Whitehead W, Browd S, Rozzelle C, Simon TD, Tamber MS, Oakes WJ, Drake J, Luerssen TG, Kestle J; Hydrocephalus Clinical Research Network. Shunting outcomes in posthemorrhagic hydrocephalus: results of a Hydrocephalus Clinical Research Network prospective cohort study. *J Neurosurg Pediatr.* 2017 Jul;20(1):19-29. Epub 2017 Apr 28. PMID 28452657
192. Mummareddy N, Dewan MC, Mercier MR, Naftel RP, Wellons JC 3<sup>rd</sup>, Bonfield CM. Scoliosis in myelomeningocele: epidemiology, management and functional outcome. *J Neurosurg Pediatr* 2017 Jul;20(1):99-108. Epub 2017 Apr 28. PMID: 28452655
193. Rattani A, Dewan MC, Hannig V, Naftel RP, Wellons JC 3<sup>rd</sup>, Jordan LC. Cerebral hemorrhage in monozygotic twins with hereditary hemorrhagic telangiectasia: case report and hemorrhagic risk evaluation. *J Neurosurg Pediatr.* 2017 Aug;20(2):164-169. Epub 2017 May 19. PMID: 28524787
194. Chotai S, Guidry BS, Chan EW, Sborov KD, Gannon S, Shannon C, Bonfield CM, Wellons JC3<sup>rd</sup>, Naftel RP. Unplanned readmission within 90 days after pediatric neurosurgery. *J Neurosurg Pediatr.* 2017 Dec;20(6):542-548. Epub 2017 Oct 13. PMID: 29027867
195. Zuckerman SL, Kelly PD, Dewan MC, Morone PJ, Yengo-Kahn AM, Magarik JA, Baticulon RE, Zusman EE, Solomon GS, Wellons JC 3<sup>rd</sup>. Predicting resident performance from pre-residency factors: a systematic review and applicability to neurosurgical training. *World Neurosurg.* 2018 Feb;110:475-484. Epub 2017 Nov 23. PMID: 29174240
196. Morgan CD, Ladner TR, Yang GL, Moore MN, Parks RD, Walsh WF, Wellons JC, Shannon CN. Early elective delivery for fetal ventriculomegaly: are neurosurgical and medical complications mitigated by this practice? *Childs Nerv Syst.* 2018 May;34(5):829-835. Epub 2017 Dec 1. PMID: 29196812
197. Kulkarni AV, Riva-Cambrin J, Rozzelle CJ, Naftel RP, Alvey JS, Reeder RW, Holubkov R, Browd SR, Cochrane DD, Limbrick DD Jr, Simon TD, Tamber M, Wellons JC 3<sup>rd</sup>, Whitehead WE, Kestle JW. Endoscopic third ventriculostomy and choroid plexus cauterization in infant hydrocephalus: a prospective study by the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr.* 2018 Mar;21(3):214-223. Epub 2017 Dec 15. PMID 29243972
198. Chotai S, Basem J, Gannon S, Dewan M, Shannon CN, Wellons JC 3<sup>rd</sup>, Bonfield CM. Effect of posterior fossa decompression for Chiari malformation-I on scoliosis. *Pediatr Neurosurg.* 2018;53(2):108-115. Epub 2018 Jan 4. PMID 29298440

199. Dewan MC, Lim J, Gannon SR, Heaner D, Davis MC, Vaughn B, Chern JJ, Rocque BG, Klimo P Jr., Wellons JC 3<sup>rd</sup>, Naftel RP. Comparison of hydrocephalus metrics between infants successfully treated with endoscopic third ventriculostomy with choroid plexus cauterization and those treated with a ventriculoperitoneal shunt: a multicenter matched-cohort analysis. *J Neurosurg Pediatr.* 2018 Apr;21(4):339-345. Epub 2018 Feb 2. PMID: 29393809
200. Simon TD, Kronman MP, Whitlock KB, Gove NE, Mayer-Hamblett N, Browd SR, Cochrane DD, Holubkov R, Kulkarni AV, Langley M, Limbrick DD Jr., Luerssen TG, Oakes WJ, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons JC 3<sup>rd</sup>, Whitehead WE, Kestle JRW; Hydrocephalus Clinical Research Network. Reinfection after treatment of first cerebrospinal fluid shunt infection: a prospective observational cohort study. *J Neurosurg Pediatr.* 2018 Apr;21(4):346-358. Epub 2018 Feb 2. PMID: 29393813
201. Bonfield CM, Pellegrino R, Berkman J, Naftel RP, Shannon CN, Wellons JC 3<sup>rd</sup>. Oral presentation to publication: publication rates of abstract presentations across two pediatric neurosurgical meetings. *J Neurosurg Pediatr.* 2018 Jun;21(6):650-654. Epub 2018 Mar 9. PMID: 29521604
202. Hale AT, Pekala K, Theobald B, Kelly K, Wolf M, Wellons JC, Le T, Shannon CN. Predictors of post-discharge seizures in children with traumatic brain injury. *Childs Nerv Syst.* 2018 Jul;34(7):1361-1365. Epub 2018 Mar 21. PMID: 29564537
203. Dewan MC, Rattani A, Mekary R, Glancz LJ, Yunusa I, Baticulon RE, Fiegggen G, Wellons JC 3<sup>rd</sup>, Park KB, Warf BC. Global hydrocephalus epidemiology and incidence: systematic review and meta-analysis. *J Neurosurg.* 2018 Apr 27:1-15. Epub ahead of print PMID: 29701543
204. Kelly PD, Zuckerman SL, Chambless LB, Schoettle TP, Wellons JC 3<sup>rd</sup>, Thompson RC. Commentary: Neurological surgery at Vanderbilt University: 1873 to present. *Neurosurgery.* 2018 Jul 1;83(1):E26-E38. PMID 29762776
205. Alexiades NG, Ahn ES, Blount JP, Brockmeyer DL, Browd SR, Grant GA, Heuer Gg, Hankinson TC, Iskandar BJ, Jea A, Krieger MD, Leonard JR, Limbrick DD Jr, Maher CO, Proctor MR, Sandberg DI, Wellons JC 3<sup>rd</sup>, Shao B, Feldstein NA, Anderson RCE. Development of best practices to minimize wound complications after complex tethered spinal cord surgery: a modified Delphi study. *J Neurosurg Pediatr.* 2018 Sep 14:1-9. [Epub ahead of print] PMID 30215584
206. Lim J, Tang AR, Liles C, Hysong AA, Hale AT, Bonfield CM, Naftel RP, Wellons JC, Shannon CN. The cost of hydrocephalus: a cost-effectiveness model for evaluating surgical techniques. *J Neurosurg Pediatr.* 2018 Oct 1:1-10 [Epub ahead of print] PMID: 30497214
207. Wolfe SQ, West JL, Hunt MA, Murad GJA, Fox WC, Dow J, Morone PJ, Wellons JC3<sup>rd</sup>, Podet A, Wilson J, Wu JK, Spiotta AM, Fargen KM. A comparison of the existing wellness programs in neurosurgery and institution champion's perspectives. *Neurosurgery* 2018 Oct 16 [Epub ahead of print] PMID: 30329099
207. Cherlow JM, Shaw DW, Margraf LR, Bowers DC, Huang J, Fouladi M, Onar-Thomas A, Zhou T, Pollack IF, Gajjar A, Kessel S, Cullen PL, McMullen K, Wellons JC, Merchant TE. Conformal Radiation Therapy for Pediatric Patients with Low-Grade Glioma: Results from the Children's Oncology Group Phase II Study XXXX. *Int J Radiat Oncol Biol Phys.* 2018 Nov 9. pii: S0360-3016(18)33951-8. doi: 10.1016/j.ijrobp.2018.11.004. PMID: 30419305
208. Simon TD, Kronman M, Whitlock KB, Browd SR, Holubkov R, Kestle JR, Kulkarni A, Langley M, Limbrick DD, Luerssen TG, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons JC, Whitehead WE, Mayer-Hamblett N, for the Hydrocephalus Clinical Research Network (HCRN). Reinfection rates

following adherence to Infectious Diseases Society of America (IDSA) guideline recommendations in first cerebrospinal fluid (CSF) shunt infection treatment. *Journal of Neurosurgery: Pediatrics*. 2019 February 15. pp. 1-9. DOI: 10.3171/2018. 11.PEDS18373. [Epub ahead of print]. PMID: 30771757

209. Hale AT, Stanton AN, Zhao S, Haji F, Gannon SR, Arynchyna A, Wellons JC, Rocque BG, Naftel RP. Predictors of endoscopic third ventriculostomy ostomy status in patients who experience failure of endoscopic third ventriculostomy with choroid plexus cauterization. *J Neurosurg Pediatr*. 2019 Apr 19:1-6. [Epub ahead of print] PMID: 31003223
210. Mummareddy N, Dewan MC, Huang A, Basem J, Bennett KA, Shannon CN, Wellons JC. Intrauterine closure of myelomeningocele is associated with superior long-term quality of life than postnatal closure: a single-center study. *J Neurosurg Pediatr*. 2019 May 17:1-5. [Epub ahead of print] PMID: 31100721
211. Rankin TM, Wormer BA, Tokin C, Kaoutzanis C, Al Kassis S, Wellons JC3rd, Braun S. Quadruple perforator flaps for primary closure of large myelomeningoceles: An evaluation of the butterfly flap technique. *Ann Plast Surg*. 2019 Jun;82(6S Suppl 5):S389-S393. PMID: 31085942
212. Riva-Cambrin J, Kestle JRW, Rozelle CJ, Naftel RP, Alvey JS, Reeder RW, Holubkov R, Browd SR, Cochrane DD, Limbrick DD, Shannon CN, Simon TD, Tamber MS, Wellons JC, Whitehead WE, Kulkarni AV; Hydrocephalus Clinical Research Network. Predictors of success for combined endoscopic third ventriculostomy and choroid plexus cauterization in a North American setting: a Hydrocephalus Clinical Research Network study. *J Neurosurg Pediatr*. 2019 May 31:1-11. [Epub ahead of print] PMID: 31151098
213. Berkman JM, Dallas J, Lim J, Bhatia R, Gaulden A, Gannon SR, Shannon CN, Esbenshade AJ, Wellons JC. Social determinants of health affecting treatment of pediatric brain tumors. *J Neurosurg Pediatr*. 2019 May 24:1-7. [Epub ahead of print] PMID: 31125958
214. Reynolds BB, By S, Weinberg QR, Witt AA, Newton AT, Feiler HR, Ramkorun B, Clayton DB, Couture P, Martus JE, Adams M, Wellons JC 3<sup>rd</sup>, Smith SA, Bhatia A. Quantification of DTI in the pediatric spinal cord application to clinical evaluation in a healthy patient population. *Am J Neuroradiol* 2019 Jul;40(7):1236-1241. Epub 2019 Jun 13 PMID: 31196859
215. Kelly PD, Voce DJ, Sivaganesan A, Wellons JC3rd. The legacy of a neurosurgeon: A U.S.-based obituary analysis. *World Neurosurg* 2019 Jul 9. S1878-8750(19)31940-0. [Epub ahead of print] PMID: 31299311
216. Dallas J, Mummareddy N, Yengo-Kahn AM, Dambrino RJ4<sup>th</sup>, Lopez AM, Chambless LB, Berkman R, Chitale RV, Bonfield CM, Offodile RS, Durham S, Wellons JC3<sup>rd</sup>, Thompson RC, Zuckerman SL. Neurosurgery elective for preclinical medical students with and without a home neurosurgery program. *World Neurosurg*. 2019 Jul 19. S1878-8750(19)32018-2. [Epub ahead of print] PMID: 31330335
217. Dewan MC, Wellons JC3<sup>rd</sup>. Fetal surgery for spina bifida. *J Neurosurg Pediatr*. 2019 Aug 1;24(2):105-114. Review PMID: 31370010
218. Strahle JM, Taiwo R, Averill C, Torner J, Shannon CN, Bonfield CM, Tuite GF, Bethel-Anderson T, Rutlin J, Brockmeyer DL, Wellons JC, Leonard JR, Mangano FT, Johnston JM, Shah MN, Iskandar BJ, Tyler-Kabara EC, Daniels DJ, Jackson EM, Grant GA, Couture DE, Adelson PD, Alden TD, Aldana PR, Anderson RCE, Selden NR, Baird LC, Bierbrauer K, Chern JJ, Whitehead WE, Ellenbogen RG, Fuchs HE, Guillaume DJ, Hankinson TC, Iantosca MR, Oakes WJ, Keating RF, Khan NR, Muhlbauer MS, McComb JG, Menezes AH, Ragheb J, Smith JL, Maher CO, Greene S, Kelly M, O'Neill BR, Krieger MD, Tamber M, Durham SR, Olavarria G, Stone SSD, Kaufman BA, Heuer GG, Bauer DF, Albert G, Greenfield JP, Wait SD, Van Poppel MD, Eskandari R, Mapstone T, Shimony JS, Dacey RG, Smyth MD, Park TS, Limbrick DD. Radiological

and clinical predictors of scoliosis in patients with Chiari malformation type I and spinal cord syrinx from the Park-Reeves Syringomyelia Research Consortium. *J Neurosurg Pediatr.* 2019 Aug 16:1-8. [Epub ahead of print] PMID: 31419800

219. Ravindran K, Wellons JC, Dewan MC. Surgical outcomes for pediatric moyamoya: a systematic review and meta-analysis. *J Neurosurg Pediatr.* 2019 Sep 13:1-10. [Epub ahead of print] PMID: 31518973
220. Hale AT, Gannon SR, Zhao S, Dewan MC, Bhatia R, Bezzerides M, Stanton AN, Naftel RP, Shannon CN, Pruthi S, Wellons JC. Graft dural closure is associated with a reduction in CSF leak and hydrocephalus in pediatric patients undergoing posterior fossa brain tumor resection. *J Neurosurg Pediatr.* 2019 Nov 29:1-7. [Epub ahead of print] PMID: 31783365
221. Dallas J, Mercer E, Reynolds RA, Wellons JC, Shannon CN, Bonfield CM. Should ondansetron use be a reason to admit children with isolated, nondisplaced, linear skull fractures? *J Neurosurg Pediatr.* 2019 Dec 13:1-7. [Epub ahead of print] PMID: 31835245
222. Fraley CE, Thigpen JC, Pearson MM, Kuttesch JF Jr., Desjardins L, Hoskinson KR, Alvarado-Gonzalez A, Esbenshade AJ, Pastakia D, Friedman DL, Wellons JC, McNally CM, Siciliano RE, Compas BE. Predictors of cognitive function in pediatric brain tumor patients: pre-surgery through 24-month follow-up. *Appl Neuropsychol Child.* 2019 Dec 30:1-8. [Epub ahead of print] PMID 31887256
223. Flanders TM, Kimmel AC, Lang SS, Bellah R, Chuo J, Wellons JC, Flibotte JJ, Heuer GG. Standardizing treatment of preterm infants with post-hemorrhagic hydrocephalus at a single institution with a multidisciplinary team. *Childs Nerv Syst.* 2020 Jan 17. [Epub ahead of print] PMID: 31953576
224. Hale AT, Adelson PD, Albert GW, Aldana PR, Alden TD, Anderson RCE, Bauer DF, Bonfield CM, Brockmeyer DL, Chern JJ, Couture DE, Daniels DJ, Durham SR, Ellenbogen RG, Eskandari R, George TM, Grant GA, Graupman PC, Greene S, Greenfield JP, Gross NL, Guillaume DJ, Heuer GG, Iantosca M, Iskandar BJ, Jackson EM, Johnston JM, Keating RF, Leonard JR, Maher CO, Mangano FT, McComb JG, Meehan T, Menezes AH, O'Neill B, Olavarria G, Park TS, Ragheb J, Selden NR, Shah MN, Smyth MD, Stone SSD, Strahle JM, Wait SD, Wellons JC, Whitehead WE, Shannon CN, Limbrick DD; Park-Reeves Syringomyelia Research Consortium Investigators. Factors associated with syrinx size in pediatric patients treated for Chiari malformation type I and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium. *J Neurosurg Pediatr* 2020 Mar 6:1-11. [Epub ahead of print] PMID 32114543
225. Wellons JC, Grant G, Krieger MD, Ragheb J, Robinson S, Weprin B, Ojemann J. Editorial: Early lessons in the management of COVID-19 for the pediatric neurosurgical community from the leadership of the American Society of Pediatric Neurosurgeons. *J Neurosurg Pediatr.* 2020 Apr 10:1-2. [Epub ahead of print] PMID: 32276256
226. Chotai S, Chan EW, Ladner TR, Hale AT, Gannon SR, Shannon CN, Bonfield CM, Naftel RP, Wellons JC. Timing of syrinx reduction and stabilization after posterior fossa decompression for pediatric Chiari malformation type I. *J Neurosurg Pediatr.* 2020 Apr 24:1-7. [Epub ahead of print] PMID: 32330878
227. Johnson WR, Shultz B, Wootten CT, Wellons JC, Upperman JS. Pediatric peri-operative care in the COVID-19 era. *Surg Infect (Larchmt).* 2020 May 13. [Epub ahead of print] PMID: 32401668

#### **BOOKS/BOOK CHAPTERS:**

1. Wellons J: "The Central Nervous System". In *The Handbook of Surgical Intensive Care*. 5<sup>th</sup> Edition. Milano C and Clary B (Eds), Mosby International Ltd., USA, 2000.

2. Wellons J, Gorecki J, Friedman A: “Stump, Phantom, and Avulsion Pain” In *Surgical Management of Pain*. Burchiel K (Ed), Thieme, New York, 2001.
3. Wellons J, Tubbs R, Oakes W: “Chiari Malformations and Syringohydromyelia”. In *Principles of Neurosurgery, Edition 2*. Rengachary S and Ellenbogen R (Eds), Harcourt, London, 2003.
4. Wellons J, Oakes W: “Pediatric Intradural/Extramedullary Spinal Cord Tumors”. In *Textbook of Neuro-Oncology*. Berger M and Brem H (Eds), WB Saunders, Philadelphia, 2003.
5. Reddy AT and Wellons JC: “Pediatric High-Grade Gliomas”, In *Glioblastoma Multiforme*, Jones and Bartlett Publishers, 2005.
6. Wellons J: “Cerebellar Astrocytomas”. In *Neuro-Oncology of CNS Tumors*. Tonn J, Westphal M, Grossman S, and Rutka JT (Eds), Springer International, Heidelberg, 2006.
7. Wellons JC: “Pediatric Brainstem Tumors”, In *The Paediatric Supplement for the Pan-Arab Journal of Neurosurgery*. Iskandar B (Ed), Arab College of Neurosurgery, 2008.
8. Pugh, J and Wellons, JC: “Arachnoid Cyst, Open or Endoscopic Fenestration”, In *Controversies in Pediatric Neurosurgery*. Jallo GI, Kothbauer K, Padilla G (Eds), Thieme Publishers, New York, 2010.
9. Tubbs RS, Pugh J, Wellons JC: “Fatty Filum Terminale, Meningocele Manqué and Dermal Sinus Tracts”, In *Youmans Neurological Surgery 6<sup>th</sup> ed*. Winn R (Ed), Elsevier Publishers, Philadelphia 2011.
10. Bauer, DF, Wellons J: “Cerebellar Astrocytomas”. In *Oncology of CNS Tumors, 2E*. Tonn J, Westphal M, Grossman S, and Rutka JT (Eds), Springer International, Heidelberg 2010.
11. Hankinson T, Tubbs RS, Wellons JC: “Chiari I Malformation in Children”. In *The Evidence for Neurosurgery*. Ghogawala Z, Krishnaney A, Steinmetz M, Batjer H, Benzel E. (Eds), TFM Publishing, Ltd., 2012.
12. Tubbs RS, Hankinson T, and Wellons JC. “The Chiari Malformations and Syringohydromyelia” in *Principles of Neurological Surgery 3<sup>rd</sup> ed*. Ellenbogen R (Ed), Elsevier Publishers, Philadelphia 2012
13. Johnson Jr JM, Wellons III JC. “The Chiari Malformations and Hydrocephalus” in *The Chiari Malformations*. Tubbs RS, Oakes WJ (Ed), Springer International, New York, 2013.
14. Zuckerman SL, Wellons JC. “Pediatric Section: Congenital Brachial Plexus Injuries” in *Neurosurgery Knowledge Update: A comprehensive review*. Harbaugh RE, Shaffrey C, Couldwell WT, Berger MS (Eds), Krieger M, Grant G. (section eds) Thieme Publishers: New York, 2015
15. Baccon J, Rizk E, Wellons J: “Pediatric Peripheral Nerve Tumors” in *Nerves and Nerve Injuries: Volume 2: Pain, Treatment, Injury, Disease and Future Directions*. Tubbs RS, Rizk E, Shoja MM, Loukas M, Barbaro N, Spinner RJ (Eds). Elsevier Publishers, Philadelphia, 2015
16. Rizk EB and Wellons JC: “The Surgical Management of Pediatric Brachial Plexus Tumors” in *Pediatric Neurosurgery: Tricks of the Trade*. Cohen A (Ed), Thieme Medical Publishers, New York, 2015
17. Naftel RP and Wellons JC: “Advances in Neuroendoscopy” in *Pediatric Neurosurgery: Tricks of the Trade*. Cohen A (Ed), Thieme Medical Publishers, New York, 2015

18. He L, Tubbs RS, Wellons JC 3rd. “Tethered spinal cord: fatty filum terminale, meningocele manque, and dermal sinus tracts” in *Youmans and Winn Neurological Surgery*, 7E. Richard Winn (Ed), Elsevier Publishers, Philadelphia, 2017.
19. Robinson LC, Tubbs RS, Wellons JC 3<sup>rd</sup>, Hankinson TC. “Chiari malformations and syringohydromyelia” in *Principles of Neurological Surgery*, E4. Ellenbogen R, Sekhar LN, Kitchen N (eds), Elsevier Publishers, Canada, 2018.
20. Dewan MC, Wellons JC. “Spinal dysraphism and tethered spinal cord” in *Principles of Neurological Surgery*, E4. Ellenbogen R, Sekhar LN, Kitchen N (eds), Elsevier Publishers, Canada, 2018.
21. Dewan MC, Wellons JC, Naftel RP. “Hydrocephalus and Spina Bifida” in *Cerebrospinal Fluid Disorders: Lifelong Implications*, Limbrick D, Leonard J (eds), Springer International, New York 2018.
22. Morone PJ, Wellons JC. “Posterior Fossa Cyst and Hydrocephalus” in *Pediatric Neurosurgery*. Selden N and Baird L (eds), Oxford University Press, New York, 2019.
23. Dewan MC, Wellons JC: “Cerebellar Astrocytomas” in *Oncology of CNS Tumors*, 3E. Tonn J, Reardon D, Rutka JT, and Westphal M (Eds), Springer Nature Switzerland AG 2019.
24. Naftel RP, Johnston J, Wellons JC. “Hydrocephalus” in *The Chiari Malformations*, E2. Tubbs RS, Turgut M, Oakes JW (eds), Springer International, New York 2020.

## **Oral Presentations**

### **National Meetings:**

1. Wellons J, Sheng H, Laskowitz D, Mackensen B, Pearlstein R, Warner D: A Comparison of Strain-Related Susceptibility in Two Murine Recovery Models of Global Cerebral Ischemia. Stroke Research Symposium, Duke Center for Cerebrovascular Disease, 1999.
2. Wellons JC, Lawson WT, Pietrobon R, Margraf RR, Fuchs HE, and George TM: Outcome of Endoscopic Third Ventriculostomy for Hydrocephalus Secondary to Aqueductal Stenosis and Tumor is Independent of Surgical Technique. Oral presentation at the Southern Neurosurgical Society Annual Meeting, 2000.
3. Wellons J, Sheng H, Pineda J, Massey G, Pearlstein R, Sullivan P, Warner D, Laskowitz D: Intracerebral Infusion of Human Recombinant Apolipoprotein E3 Reduces Global Ischemic Brain Injury in Apolipoprotein E Deficient Mice. Oral presentation at the CNS Annual Meeting, 2000
4. Wellons J, Leveque J, McGirt M, Petrella J, Voyvodic J, Haglund M, Fuchs H, George T: The Integration of Real-time Functional MRI in Pediatric Brain Tumor Resection. Oral presentation at the AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2000.
5. Wellons JC, Tubbs RS, Leveque JA, Blount JP, Oakes WJ: Choroid Plexectomy Reduces Neurosurgical Intervention in Patients with Hydranencephaly. Oral presentation at the AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2001.
6. McGirt M, Leveque J, Villavicencio A, Wellons J, Fuchs H, George T: Cerebrospinal Fluid Shunt Survival and Etiology of Failures: A Seven Year Institutional Experience. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2001.

7. Wellons JC, Tubbs RS, Banks JT, Oakes WJ, Blount JP, Grabb PA: Endoscopic Third Ventriculostomy Successfully Treats Hydrocephalus in Children with Tectal Plate Gliomas. Oral presentation at the AANS Annual Meeting, 2002.
8. McGirt M, Wellons J, Nimjee S, Bulsara K, Fuchs H, George T: Total Versus Partial Revision of Failed Cerebrospinal Fluid Shunts Decreases Subsequent Failure Rate. AANS Annual Meeting, 2002.
9. Wellons JC, Tubbs RS, Reddy AT, Oakes WJ, Blount JP, Grabb PA: Neuroendoscopic Findings in Children with CNS Germinoma Correlate with Diabetes Insipidus. Oral presentation at the AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2002.
10. Tubbs RS, Smyth MD, Wellons JC, Blount JP, Grabb PA, Oakes WJ: Inclination of the Odontoid Process in the Pediatric Chiari I Malformation. AANS/CNS Section of Pediatric Neurological Surgery Annual Meeting, 2002.
11. Tubbs RS, Smyth MD, Wellons, JC, Blount JP, Grabb PA, Oakes WJ: Atlantoaxial Distances in Children During Cervical Spine Flexion. AANS/CNS Section of Pediatric Neurological Surgery Annual Meeting, 2002.
12. Tubbs RS, Smyth MD, Wellons JC, Bartolucci A, Grabb PA, Oakes WJ: Children with Growth Hormone Deficiency and Chiari I Malformation: A Morphometric Analysis of the Posterior Cranial Fossa. AANS/CNS Section of Pediatric Neurological Surgery Annual Meeting, 2002.
13. Blount JP, Severson R, Tubbs RS, Grabb PA, Wellons JC, Oakes WJ: Sports and Shunts: Who Can Play? Congress of Neurological Surgeons Annual Meeting, 2003.
14. Wellons JC, McDevitt M: Streamlining resident work patterns using secure integrative PDA patient data access. Oral presentation at the American Society of Pediatric Neurosurgeons Annual Meeting, 2004.
15. Tyler-Kabara EC, Tubbs RS, Wellons JC, Blount JP, Oakes WJ: Supra-Placode Spinal Cord Transection for Paraplegic Patients with Myelodysplasia and Repetitive Symptomatic Tethered Spinal Cord. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2004.
16. Tyler-Kabara EC, Tubbs RS, Wellons JC, Blount JP, Oakes WJ: Posterior Cranial Fossa Volume in Patients with Rickets: Insights into the Increased Occurrence of Chiari I malformation in Metabolic Bone disease. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2004.
17. Tyler-Kabara EC, Tubbs RS, Wellons JC, Blount JP, Oakes WJ: Vagus Nerve Stimulation for Induced Spinal Cord Seizures: Insights into Seizure Cessation. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2004.
18. Tubbs RS, Rice WC, Wellons JC, Blount JP, Oakes WJ: The Symptomatic Post Lipomyelomeningocele Resection Patient: Do Increases in the Lumbosacral Angle Indicate A Tethered Spinal Cord? AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2005.
19. Tubbs RS, Custis J, Hammock RS, Blackburn E, Wellons JC, Blount JP, Oakes WJ: Utility of Antibiotic Impregnated Extraventricular Drains. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2005.

20. Tubbs RS, Custis J, Bharara S, Gillispie Y, Wellons JC, Blount JP, Oakes WJ: Polymerase Chain Reaction for the Detection of Cerebrospinal Fluid Shunt Infections: A Prospective Study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2005.
21. Bui C, Tubbs RS, Salerno EP, Pearson B, Acakpo-Satchivi L, Wellons JC, Blount JB, Oakes WJ: Our Recent Experience with Primary Cranial Vault Encephaloceles: 44 Cases. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2006.
22. Bui C, Tubbs RS, Raymond G, Morgan T, Salerno EP, Barnhart D, Acakpo-Satchivi L, Wellons JC, Blount JB, Oakes WJ: Percutaneous Gastrotomy and Nissen Fundoplication Related Infections of Pediatric Cerebral Fluid Shunts. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2006.
23. Pugh J, Tubbs RS, Wells C, Law C, Grabb P, Wellons JC: Medial Pectoral Nerve to Musculocutaneous Nerve Neurotization for the Treatment of Brachial Plexus Birth Injuries. Oral Presentation at the AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
24. Wellons J, Shannon C, Dimmitt R, Oakes J, Whitehead W, Luerssen T, Kulkarni A, Drake J, Simon T, Riva-Cambrin J, Walker J, Kestle J for the HCRN: Comparison of Conversion Rates from Temporary CSF Management to Permanent Shunting in Premature Infants with IVH: Report of a retrospective study from the Hydrocephalus Clinical Research Network. Oral Presentation at the AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
25. Blount JP, Shannon CN, Bharara S, Wellons J, Oakes WJ, Tubbs RS, Acakpo-Satchivi L, Gillespie GY: Polymerase Chain Reaction for Rapid Detection of Pediatric CSF Shunt Infections. CNS Annual Meeting, 2007.
26. Pugh J, Kelley S, Wellons JC, Grant J, Ray P, Blount JP: Use and Risk Profile of Standard (non-fast Resorbing) Macropore Absorbable Plate System in Pediatric Neurosurgery. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
27. Pugh J, Shannon C, Kelley S, Tubbs RS, Wellons JC, Oakes WJ, Acakpo-Satchivi L, Blount JP: Epilepsy as a Comorbidity in a Pediatric Spina Bifida Population. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
28. Tubbs RS, Loukas M, Shoja M, Wellons JC: Anatomy and surgical considerations for endoscopic third ventriculostomy. American Association of Clinical Anatomists in Toronto, 2008.
29. Wellons JC, Tubbs RS, Pugh J, Pearson B: Endoscopic Management of Large Intracranial Cysts: Expectations and Outcomes in Children. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2008.
30. Kestle J, Wellons J, Riva-Cambrin J, Shannon C, Bach T, Whitehead W, Nguyen S, Kulkarni A, O'Connor L, Simon T for the Hydrocephalus Clinical Research Network. The Hydrocephalus Clinical Research Network Quality Improvement Initiative. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2008.
31. Luther N, Wellons JC, Souweidane MM: Risk of Subarachnoid Tumor Dissemination Following Endoscopic Biopsy and Concomitant Third Ventriculostomy. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2008

32. Pugh J, Shannon C, Tubbs RS, Wellons JC, Blount J, Oakes WJ: Ventriculoperitoneal Shunt Failure Following Intradural Spinal Surgery. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2008.
33. Riva-Cambrin J, Simon T, Kulkarni A, Wellons J, Whitehead W, Oakes J, Luerssen T, Walker M, Drake J, Kestle J, for the HCRN: The Development and Implementation of a Multi-Center Registry for children with Hydrocephalus: The HCRN Core Data Project. American Society of Pediatric Neurosurgeons Annual Meeting, 2009.
34. Riva-Cambrin J, Shannon C, Kestle J, Kulkarni A, Whitehead W, Simon T, and Wellons J for the HCRN: A Multi-Center Pilot Study Describing Variations in the Care of Premature Infants with IVH; Factors Influencing the Decision to Temporarily and Ultimately Shunt, International Society of Pediatric Neurosurgery Annual Meeting, 2009
35. McBride SA, Boehme AK, Shannon CN, Riva-Cambrin J, Rozzelle CJ, Blount JP, Oakes WJ, Carlo WA, Wellons JC: Imaging Characteristics Were Not Predictive of Ventriculosubgaleal Shunt Conversion in VLBW Infants with Post-Hemorrhagic Hydrocephalus. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009.
36. Bauer DF, Waters AM, Tubbs RS, Rozzelle CJ, Wellons JC, Blount JP, Oakes WJ: Safety and Utility of Scheduled Non-Narcotic Analgesic Medications in Children Undergoing Craniotomy for Brain Tumor. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009
37. Hankinson TC, Tubbs RS, Kotchetkov I, Anderson RC, Blount J, Oakes WJ, Feldstein NA, Wellons JC: Initial Surgical Technique for the Treatment of Middle Fossa Arachnoid Cysts: Bi-Institutional Comparison of Results and Complications. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009.
38. Hankinson TC, Tubbs RS, Griessenauer C, Rozzelle C, Wellons JC, Blount J, Cohen-Gadol AA, Oakes WJ: Retroclival Epidural Hematoma: Clinical Characteristics and Diagnostic Technique. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009.
39. Harmon DK, Hankinson TC, Bradley N, Shannon C, Tubbs RS, Wellons JC: Successful Resection of Cystic Hygromas of the Neck Involving the Brachial Plexus. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009
40. Harmon DK, Shannon C, Reed G, Tubbs RS, Rozzelle C, Blount JP, Oakes WJ, Wellons JC: Lysis of Abdominal Adhesions for Distal Catheter Placement in the Difficult to Shunt Patient. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2009
41. Wellons J: Small Ventricle Neuroendoscopy, Lessons Learned. American Society of Pediatric Neurosurgeons Annual Meeting, 2010.
42. Wellons JC, Riva-Cambrin J, Whitehead W, Browd S, Kestle J, Kulkarni A: Assessing Premature Infants for Findings of Increased Intracranial Pressure: An HCRN Inter-Rater Reliability Study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.
43. Whitehead E, Illner A, Holubkov R, Riva-Cambrin J, Kulkarni A, Wellons JC, Simon T, Browd S, Drake J, Luerssen T, Oakes J, Walker M, Kestle J. Efficacy and Safety of Ultrasound Guided Shunt Insertion. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.

44. Riva-Cambrin J, Wellons JC, Kulkarni A, Kestle J, Whitehead W, Browd S, Simon T: Variations in the Neurosurgical Care of Premature Infants with Intraventricular Hemorrhage: A Multicenter Study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.
45. Kirkman J, Chern J, Shannon C, Anderson T, Tubbs RS, Rozzelle C, Wellons JC. When Can We not Screen Infants for Tethered Spinal Cord? An Analysis of Presenting Factors in 1141 Infants. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.
46. Blount J, Reed G, Shannon C, Rozzelle C, Wellons JC, Tubbs RS, Oakes J. Clinical Symptoms are Equivalent to Imaging in Predicting Shunt Failure in Myelomeningocele Patients. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.
47. Romeo A, Naftel R, Reed G, Martin R, Shannon C, Grabb P, Tubbs RS, Wellons JC. Endoscopic Third Ventriculostomy for Tectal Plate Gliomas: Long-Term Outcomes and Ventricular Size. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2010.
48. Naftel R, Tubergen E, Gran K, Shannon C, Blount J, Wellons JC: Parental Recognition of Shunt Failure. Southern Neurosurgical Society Annual Meeting, Orlando, FL, Feb 23-27, 2011.
49. Naftel R, Reed G, Kulkarni AK, Wellons JC: Evaluating the Children's Hospital of Alabama Endoscopic Third Ventriculostomy Experience Using the ETV Success Score: An External Validation Study. (Sherry Apple Resident Travel Scholarship). Congress of Neurological Surgeons Annual Meeting, 2011.
50. Wellons JC: The Impact of Quality Improvement: A Discussion of Pitfalls, Protocols and Policies to Improve Quality and Safety. 40<sup>th</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2011.
51. Allen LA, Safiano N, Falola M, Broome C, Shannon C, Wellons JC; Predictors and Outcomes of Surgical Intervention for Birth-Related Brachial Plexus Palsy. 40<sup>th</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2011.
52. Kulkarni AV, Cambrin JR, Browd S, Drake J, Kestle J, Limbrick D, Simon T, Tamber M, Wellons JC, Whitehead W. Outcome of CSF Shunting in Children within a North American Multicenter Collaborative: Results from the Hydrocephalus Clinical Research Network (HCRN) Compared to Historical Controls. 40<sup>th</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2011.
53. Foppe S, Shannon C, Falola M, Wellons JC, Oakes W. Shorter Stay and Similar Complication Rate with Limited Laminotomy for Selective Dorsal Rhizotomy; A Comparison Study. 40<sup>th</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2011.
54. Allen L, Safiano N, Falola M, Broome C, Shannon C, Wellons JC. Functional Outcomes of Infants Undergoing Neurotization for Birth Related Brachial Plexus Palsy Compared with Infants Not Requiring Surgery. 63<sup>rd</sup> Southern Neurosurgical Society Annual Meeting, 2012.
55. Arynchyna A, Shannon C, Ditty B, Oakes J, Blount J, Wellons JC. Applying the MOMS Shunting Criteria to a Single Institutional Experience. 63<sup>rd</sup> Southern Neurosurgical Society Annual Meeting, Amelia Island, FL, Mar 28-31, 2012.
56. Shannon C, Aune K, Veselsky S, Arynchyna A, Bey A, Wellons JC: Evaluating Infection Trends in Pediatric Neurosurgical Patients: A multidisciplinary Process Improvement Initiative. 41<sup>st</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2012.

57. Whitehead WE, Kulkarni A, Riva-Cambrin J, Wellons JC, Drake J, Luerssen T, Oakes J, Walker M, Kestle J: Frontal Versus Parietal CSF Shunts and Shunt Survival, an HCRN Study. 41<sup>st</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2012.
58. Naftel RP, Safiano N, Falola M, Blount J, Oakes W, Wellons JC: The Association Between Race and Malignant Shunt Failure. 41<sup>st</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2012.
59. Simon TD, Butler J, Whitlock KB, Browd SR, Holubkov R, Kestle JRW, Kulkarni AV, Langley M, Limbrick DD, Hamblett NM, Tamber M, Wellons JC, Whitehead WE, Riva-Cambrin J: Cerebrospinal Fluid Shunt Revisions, Far More Than Patient Factors, Confer Risk of Shunt Infection. Pediatric Academic Societies meeting, Washington, DC, May 5, 2013 (platform presentation)
60. Wellons JC, Whitehead WE: Moderators in Scientific Session III: Hydrocephalous I. 42<sup>nd</sup> Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery, Toronto Canada, December 2013
61. Wellons JC, Shannon CN, Riva-Cambrin J, Kulkarni A, Limbrick D, Whitehead WE, Browd S, Oakes J, Rozzelle C, Simon T, Tamber M, Kestle J: Shunting outcomes in post-hemorrhagic hydrocephalus (SOPHH): results of a Hydrocephalus Clinic Research Network (HCRN) prospective cohort study. 42<sup>nd</sup> Annual meeting of the AA NS/CNS Section on Pediatric Neurological Surgery, Toronto Canada, December 2013.
62. Riva-Cambrin J, Simon TD, Butler J, Whitlock K, Browd S, Holubkov R, Kestle J, Kulkarni A, Langley M, Limbrick D, Mayer-Hamblett N, Tamber M, Wellons JC, Whitehead WE: Risk factors for first cerebrospinal fluid shunt infection: Findings from HCRN's multicenter prospective cohort study. 42<sup>nd</sup> Annual meeting of the AA NS/CNS Section on Pediatric Neurological Surgery, Toronto Canada, December 2013.
63. Kulkarni AV, Riva-Cambrin J, Browd S, Drake J, Holubkov R, Kestle J, Limbrick D, Rozzelle C, Simon T, Tamber M, Wellons JC, Whitehead WE: Endoscopic third ventriculostomy with choroid plexus cauterization in infants with hydrocephalus: a retrospective hydrocephalus clinical research network study. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, Toronto Canada, December 2013.
64. Ladner TR, Dewan M, Day M, Shannon CN, Tomycz L, Tulipan NB, Wellons JC: Odontoid retroflexion correlates with degree of tonsillar ectopia in children with Chiari I malformation. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, Toronto Canada, December 2013.
65. Wellons JC: HCRN as a model: lessons learned. 37<sup>th</sup> Annual meeting of the American Society of Pediatric Neurosurgeons, Costa Rica, January 2014.
66. Theobald B, B, Pekala K, Kelly K, Greeno A, Wellons JC, Tulipan N, Shannon CN: Impact of serum glucose and temperature as clinical predictors of prolonged seizure activity and mortality in pediatric traumatic brain injury. American Academy of Pediatrics, presented October 2014
67. Wolf M, Morgan C, Le T, Mettler B, Wellons JC, Shannon CN: Hydrocephalus following the bidirectional glenn procedure for single-ventricle congenital heart disease. American Academy of Pediatrics, presented October 2014
68. Morgan CD, Wolf MS, Le T, Mettler B, Shannon CN, Wellons JC: Assessing increased cerebral ventriculomegaly in children following the bidirectional glenn procedure for single-ventricle congenital heart disease. AANS/CNS pediatric section, presented December 2014

69. Ladner TR, Westrick AC, Kelly K, Tulipan N, Naftel RP, Wellons JC, Shannon CN: Validation of CHIP: A patient-reported health-related quality of life instrument for pediatric Chiari I malformation. AANS/CNS Pediatric Section, presented December 2014
70. Wellons JC: Speaking up when you're the new guy". 38<sup>th</sup> Annual meeting of the American Society of Pediatric Neurosurgeons, Kohala Coast, Hawaii, January 2015
71. Simon TD, Kronman M, Gove N, Whitlock K, Browd S, Holubkov R, Kestle J, Kulkarni A, Langley M, Limbrick D, Luerssen T, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons J, Whitehead W, Hamblett N. Surgical approach to treatment of first cerebrospinal fluid (CSF) shunt infection is associated with reinfection. Pediatric Academic Societies meeting, Baltimore, MD 2016.
72. Shannon CN, Reeder R, Kulkarni AV, Limbrick DD, Riva-Cambrin J, Rozzelle CR, Tamber M, Whitehead W, Kestle J, Wellons JC. Early Neurodevelopmental Outcomes in the Shunting Outcomes of Posthemorrhagic Hydrocephalus (SOPHH) Study. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.
73. Chotai S, Sborov K, Bonfield C, Wellons JC, Naftel RP. Unplanned Readmission and Return to Operating Room within 90-days of Pediatric Neurosurgery. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.
74. Bonfield CM, Shannon CN, Reeder RW, Wellons JC, for the Hydrocephalus Clinical Research Network (HCRN). CSF diversion in patients with craniosynostosis: an analysis from the HCRN prospective registry. The American Society of Pediatric Neurosurgeons' 40<sup>th</sup> annual meeting, Maui, Hawaii January 22-27, 2017.
75. Wellons JC: Moderator/Panel Chairman in General Session VII: Myelomeningocele: Fetal Closure. Overview & current state of fetal surgery. The American Society of Pediatric Neurosurgeons' 40<sup>th</sup> annual meeting, Maui, Hawaii January 22-27, 2017.
76. Simon TD, Kronman M, Whitlock K, Gove N, Browd S, Cochrane D, Holubkov R, Kestle J, Kulkarni AV, Langley M, Limbrick D, Luerssen T, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons JC, Whitehead W, Mayer-Hamblett N. Platform presentation: Reinfection rates following adherence to Infectious Diseases Societies of America (IDSA) guidelines in first cerebrospinal fluid (CSF) shunt infection treatment. Pediatric Academic Societies meeting, San Francisco, California, May 8, 2017.
77. Johnson M, Tanaka S, Wellons JC: Panelists in Advanced Practice Provider Seminar: Panel discussion: spina bifida/symptomatic tethered cord. The 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Nashville, TN. Dec 6, 2018
78. Stanton A, Hale A, Zhao S, Haji F, Gannon S, Wellons JC, Rocque B, Naftel RP. Predictors of ETV ostomy status in patients who fail ETV/CPC. Oral presentation at the 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Nashville, TN. Dec 7, 2018.
79. Wellons JC. Moderator for Panel on Symposium III: Social media in pediatric neurosurgery: is it useful? The 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Nashville, TN. Dec 9, 2018
80. Mistry AM, Mummareddy N, CreveCoeur TS, Lillard JC, Vaughn BN, Gallant J-N, Hale AT, Griffin N, Wellons JC, Limbrick DD, Klimo P, Naftel RP. Supratentorial pediatric high-grade gliomas involved with the subventricular neural stem cell niche are associated with decreased survival: a multi-institutional retrospective study. Oral presentation at 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting. Nashville, TN, USA December 7, 2018.

81. Wellons JC. Moderator in General Session III: Fetal MMC Debate. 42<sup>nd</sup> Annual Meeting of the American Society of Pediatric Neurosurgeons, Kauai, Hawaii, January 28, 2019
82. Wellons JC, van Horne C. Moderators in Scientific Session V: (1) Utility of AI in neurological surgery; (2) Evolution of Chiari decompression; (3) NREF update; (4) Working for you in Washington: Neurosurgery making a difference; (5) Why should I care about genetics in medulloblastoma? 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019
83. Hale AT, Bastarache L, Morales DM, Wellons JC, Limbrick DD, Gamazon ER. Elucidating the genetic architecture of pediatric hydrocephalus. Oral presentation at the 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019
84. Ravindran K, Wellons JC, Dewan MC. Surgical outcomes for pediatric moyamoya disease: A systematic review and meta-analysis. Oral presentation at the 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019
85. Wellons JC. Diversity in neurosurgical training. Oral presentation at the 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019
86. Bezzerides M, Hale AT, Zhao S, Gannon SR, Naftel RP, Shannon CN, Wellons JC. Modification and expansion of a predictive scoring model for postresection hydrocephalus in pediatric patients with posterior fossa tumors. Oral presentation at the 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019.

#### **Local Meetings:**

1. Wellons JC, Tubbs RS, Royal SA, D'Antonio MG, Rauzzino MJ, Oakes WJ: Investigations into the Association between Cervicomedullary Neuroschisis and Mirror Movements in Patients with Klippel-Feil Syndrome. Oral presentation at the Neurosurgical Society of Alabama, 2002.
2. Wellons JC: Reducing Work Hours and Streamlining Work Patterns Using Secure Handheld Computing: One Year Follow-up. Oral presentation at the Neurosurgical Society of Alabama, 2004.
3. Wellons JC: A crash course in primary care in post-Katrina Mississippi. Oral Presentation at the Annual J. Garber Galbraith Symposium, November, 2005.
4. Wellons JC: Endoscopic Filum Terminale Sectioning; Lessons and Limitations in a Cadaveric Feasibility Study. Oral Presentation at the Annual J. Garber Galbraith Symposium, November, 2006.
5. Wellons JC: Successful Treatment of Hydrocephalus with ETV In Children with Tumors Involving the Cerebral Aqueduct. Oral presentation at the Neurosurgical Society of Alabama, 2007.
6. Wellons JC: NeuroEndoscopy at Children's Hospital: Secondary ETV. Oral presentation at the Neurosurgical Society of Alabama, 2007.
7. Wellons JC: Medial Pectoral Nerve to Musculocutaneous Nerve Neurotization for the Treatment of Brachial Plexus Birth Injuries: The Pediatric Brachial Plexus and Peripheral Nerve Clinic. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2007

8. Wellons JC: Medial Pectoral Nerve to Musculocutaneous Nerve Neurotization for the Treatment of Brachial Plexus Birth Injuries: A 10 year experience. Oral presentation at the Neurosurgical Society of Alabama, 2008.
9. Wellons, JC: The Hydrocephalus Clinical Research Network – A New Research Engine. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2008.
10. Wellons JC: What is the role of the surgeon in QI methodological studies?. Oral presentation at the Neurosurgical Society of Alabama, 2009.
11. McBride S, Shannon C, Wellons, JC: Predictors of Subgaleal Shunt Conversion in VLBW Infants with Post-Hemorrhagic Hydrocephalus. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2009.
12. Wellons JC: The Results of a multicenter QI protocol to reduce shunt infections. Oral presentation at the Neurosurgical Society of Alabama, 2010
13. Naftel RP, Tubergen E, Shannon C, Gran K, Vance H, Tubbs RS, Rozzelle C, Oakes WJ, Blount JP, Wellons JC: Parental Recognition of Shunt Failure. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2010.
14. Reed GT, Shannon CS, Oakes WJ, Blount JP, Wellons JC, Rozzelle CJ: Hemorrhagic Complications Following Ventriculostomy Shunt Insertion in VLBW Infants with Post-Hemorrhagic Hydrocephalus: Incidence and Associated Clinical Factors. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2010.
15. Kirkman J, Chern J, Shannon C, Anderson T, Tubbs R, Rozzelle C, Wellons JC: When can we not screen infants for tethered spinal cord? An analysis of presenting factors in 1141 infants. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2010.
16. Shannon C, Reed GT, Simon TD, Kilgore ML, Wellons JC: The Economic Impact of Ventriculoperitoneal Shunt Failure. Oral Presentation at the Annual J. Garber Galbraith Symposium, 2010.
17. Miller JH, Chern JJ, Tubbs RS, Whisenhunt T, Johnston JM, Wellons JC, Rozzelle CJ, Blount JP, Oakes WJ: Massive Pediatric Neurosurgical Injuries and Lessons Learned following Recent Tornado Disaster in Alabama. Oral Presentation at the 28<sup>th</sup> Annual J. Garber Galbraith Symposium, 2011.
18. Romeo AK, Naftel RP, Reed GT, Martin R, Shannon CN, Grabb PA, Tubbs RS, Wellons JC: Endoscopic Third Ventriculostomy for Tectal Plate Gliomas: Long-term Outcomes and Ventricular Size. Oral Presentation at the 28<sup>th</sup> Annual J. Garber Galbraith Symposium, 2011.
19. Naftel RP, Reed GT, Kulkarni AV, Wellons JC: Evaluating the Children’s Hospital of Alabama Endoscopic Third Ventriculostomy Experience Using the ETV Success Score: An External Validation Study. Oral Presentation at the 28<sup>th</sup> Annual J. Garber Galbraith Symposium, 2011.
20. Ditty BJ, Arynchyna AA, Shannon CN, Oakes WJ, Blount JP, Wellons JC: Applying the MOMS Shunting Criteria to a Single Institutional Experience. Oral Presentation at the 28<sup>th</sup> Annual J. Garber Galbraith Symposium, 2011.
21. Allen, LA, Safiano NA, Falola MI, Broome CE, Shannon CN, Wellons JC: Predictors and Outcomes of Surgical Intervention for Birth-Related Brachial Plexus Palsy. Oral Presentation at the 28<sup>th</sup> Annual J. Garber Galbraith Symposium, 2011.

22. Wellons JC: The Hydrocephalus Clinical Research Network: Improving outcomes in kids through collaborative research. Oral presentation at the Tennessee Neurosurgical Society Annual Meeting, August 9-11, 2013.
23. Wellons JC: Tethered Spinal Cord. Oral presentation at the Spina Bifida Education Days meeting. Monroe Carell Jr Children's Hospital at Vanderbilt, Nashville, TN, August 26, 2017.
24. Wellons JC, Bennett K, Pietsch J, Walsh W, Marcus M, Brock J: Maternal Fetal Center Overview. Oral presentation at the Monroe Carell Jr. Children's Hospital at Vanderbilt Advisory Board Fall meeting, Nashville TN. October 4, 2018

### **Poster Exhibits:**

1. Wellons JC, Sheng H, Laskowitz DT, Mackensen GB, Pearlstein RD, Warner DS: Strain-Related Differences in Recovery Models of Murine Transient Forebrain Ischemia: Anatomy, Histology, EEG, and Regional Cerebral Blood Flow. Poster presentation at AANS Annual Meeting, 2000.
2. Wellons JC, McDevitt M: Reducing Resident Work Hours and Streamlining Work Patterns Using Secure Handheld Computing: A One Year Study. Oral poster at CNS Annual Meeting, 2004.
3. Custis JW, Tubbs RS, Wellons JC, Blount JP, Grabb PA, Oakes WJ: Referred Shoulder Pain from Ventriculoperitoneal Shunts. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2004.
4. Custis JW, Tubbs RS, Wellons JC, Blount JP, Grabb PA, Oakes WJ: Transient Ventriculoperitoneal Shunt Dysfunction in Myelodysplastic Children with Urinary Bladder Infection. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2004.
5. Bui C, Tubbs RS, Pearson B, Acakpo-Satchivi L, Blount JP, Oakes WJ, Wellons JC: Endoscopic Filum Terminale Sectioning: Lessons and limitations in a Cadaveric Feasibility Study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2006
6. Bui C, Tubbs RS, Pearson B, Acakpo-Satchivi L, Wellons JC, Blount JP, Oakes WJ: Analysis of the Chiari I Malformation found in Children with Lipomyelomeningocele: A Radiological and Anatomical Study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2006.
7. Bui C, Acakpo-Satchivi L, Tubbs RS, Wooley A, Blount JP, Oakes WJ, Wellons JC: Surgical Options in the Treatment of Atypically Presenting Giant Craniopharyngiomas in Young Children. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2006.
8. Pugh J, Tubbs RS, Oakes WJ, Acakpo-Satchivi L, Blount JP, Wellons JC: Secondary ETV Provides Long Term Control of Hydrocephalus. Poster presentation at AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
9. Tubbs RS, Ardalan A, Oakes WJ, Blount JP, Acakpo-Satchivi L, Apaydin N, Shoja M, Loukas M, Pugh J, Wellons JC: The Lateral Lakes of Trolard: Anatomy, Quantitation and Surgical Landmarks. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.

10. Tubbs RS, Apaydin N, Acakpo-Satchivi L, Oakes WJ, Wellons JC, Blount JP, Loukas M, Wartmann C, Louis R, Pugh J, Shoja M: The Choroid Plexus of the lateral and third ventricles is contiguous: a surgical anatomic study. AANS/CNS Section on Pediatric Neurological Surgery Annual Meeting, 2007.
11. Bryant N, Fiveash J, Wellons J, Blount B, Oakes J, Reddy A: Temozolamide in the Treatment of High Risk or Recurrent Ependymoma. International Society of Pediatric Neuro-oncology Meeting, 2008.
12. Tubbs RS, Loukas M, Shoja M, Wellons JC: Medial Pectoral nerve to musculocutaneous nerve neurotization for the treatment of brachial plexus birth injuries. American Association of Clinical Anatomists in Toronto, 2008.
13. Blount J, Shannon C, Westrick A, Chern J, Wellons JC, Rozzelle C. Tubbs RS, Oakes J: Justification of Empiric Vancomycin Utilization for the Treatment of CSF Shunt Infections. AANS/CNS Section on Pediatric Neurological Surgery, 2010.
14. Shannon C, Kirby RS, Tubbs RS, Blount J, Oakes J, Wellons JC. Neonatal Factors are Associated with Ventriculoperitoneal Shunt Failure. AANS/CNS Section on Pediatric Neurological Surgery, 2010.
15. Shannon C, Reed G, Simon T, Kilgore M, Wellons JC. The Economic Impact of Ventriculoperitoneal Shunt Failure AANS/CNS Section on Pediatric Neurological Surgery, 2010.
16. Arynchyna, A, Shannon C, Ditty B, Oakes J, Blount J, Wellons JC. Applying the MOMS Shunting Criteria to a Single Institutional Experience. 40<sup>th</sup> Annual AANS/CNS Section on Pediatric Neurological Surgery, 2011.
17. Shannon CN, Pekala K, Kelly K, Leathers J, Caldwell R, Greeno A, Unni P, Wellons JC, Tulipan N: Glucose levels are predictive of prolonged seizure activity. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2013.
18. Kelly K, Pekala K, Leathers JS, Greeno A, Unni P, Wellons JC, Tulipan N, Shannon CN: Patient characteristics and clinical decision making in the pediatric traumatic brain injury patient population: an institutional review. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2013.
19. Carr K, Wallace A, Tomycz L, Shannon CN, Wellons JC, Tulipan N: Time to first shunt failure in pediatric patients over 1 year old: A 10 year retrospective study. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2013.
20. Riva-Cambrin JK, Kestle J, Browd S, Whitehead WE, Holubkov R, Drake J, Limbrick D, Tamber M, Rozelle C, Simon T, Wellons JC, Kulkarni A: Is there a 'July effect' affecting shunt survival? Revisiting this issue using prospectively collected data from the HCRN's shunt registry. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2013.
21. Wellons JC, Zuckerman S, Eli I, Shah M, Bradley N, Stutz C, Park TS: Radial to axillary nerve neurotization for brachial plexus injury in children: a combined case series and review of the literature. 42<sup>nd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2013
22. Brown ZB, Westrick AC, He L, Kelly K, Caldwell R, Wellons JW, Shannon CN. Barriers to identification of pediatric craniofacial diagnoses. 43rd Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2014

23. Morgan C, Wolf MS, Le T, Mettler B, Wellons JC, Shannon CN: A retrospective analysis of hydrocephalus following the bi-directional glenn procedure for single-ventricle congenital heart disease. CNS, Oral poster 2014
24. Wellons JC, Shannon CN, Holubkov R, Riva-Cambrin J, Kulkarni A, Limbrick D, Browd S, Rozzelle CJ, Simon T, Tamber M, Whitehead W, Kestle J. Shunting outcomes in post-hemorrhagic hydrocephalus (SOPHH): evaluating compliance to a standardized protocol and surgeon preference on intervention weight. AANS/CNS Pediatric Section, poster December 2014
25. O'Lynnnger T, Shannon CN, Greeno A, Le T, Chung D, Lamb F, Wellons JC. Standardizing the initial and ICU management of pediatric traumatic brain injury improves outcomes at discharge: A pre- and post-implementation comparison study. AANS/CNS Pediatric section, poster December 2014
26. Westrick AC, Pinto VP, Alvarado A, Ehrenfeld JM, Le T, Wellons JC, Shannon CN. Multidisciplinary treatment of severe pediatric traumatic brain injury: predictors of increased resource utilization. 43<sup>rd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2014
27. Pekala K, Theobald B, He L, Monk SH, Wellons JC, Shannon CN. Serum glucose and temperature predict prolonged seizure activity and mortality in pediatric traumatic brain injury. 43<sup>rd</sup> Annual meeting of the AANS/CNS Section on Pediatric Neurological Surgery, 2014
28. Simon TD, Kronman M, Whitlock K, Gove N, Browd S, Holubkov R, Kulkarni A, Langley M, Limbrick D, Luerssen T, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons J, Whitehead W, Mayer-Hamblett N. Adherence to guidelines in treatment for first cerebrospinal fluid (CSF) shunt infection. Pediatric Academic Societies meeting, May 1, 2016, Baltimore, Maryland. (Poster symposium presentation by Dr. Kronman)
29. Simon TD, Kronman M, Gove N, Whitlock K, Browd S, Holubkov R, Kestle J, Kulkarni A, Langley M, Limbrick D, Luerssen T, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons J, Whitehead W, Mayer-Hamblett N. Surgical approach to treatment of first cerebrospinal fluid (CSF) shunt infection is associated with reinfection. Pediatric Academic Societies meeting, May 3, 2016, Baltimore, Maryland.
30. Simon TD, Kronman M, Whitlock K, Gove N, Browd S, Holubkov R, Kulkarni A, Langley M, Limbrick D, Luerssen T, Oakes J, Riva-Cambrin J, Rozzelle C, Shannon C, Tamber M, Wellons J, Whitehead W, Mayer-Hamblett N. Adherence to guidelines in treatment for first cerebrospinal fluid (CSF) shunt infection. Pediatric Hospital Medicine meeting, Chicago, Illinois, poster July 29, 2016.
31. Douleh D, Westrick AC, Braun SA, PASCHALL RL, Kavanaugh-McHugh A, Bennett K, Shannon CN, Wellons JC. Primary versus bipedicle flap closure in intrauterine myelomeningocele repair. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.
32. Pellegrino RA, Ladner TR, Westrick AC, Wellons JC, Shannon CN. Chiari health index for pediatrics (CHIP): assessing short term quality of life in the surgical and non-surgical pediatric Chiari Type I patient population. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.
33. Chotai S, Basem J, Gannon S, Dewan M, Shannon CN, Wellons JC, Bonfield CM. Effect of posterior fossa decompression for Chiari Malformation I on scoliosis. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.

34. Bonfield CM, Pellegrino R, Berkman J, Naftel RP, Shannon CN, Wellons JC. Comparing publishing rates across pediatric neurosurgical meetings. AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Orlando, Florida Dec. 6, 2016.
35. Hale AT, Gannon SR, Zhao S, Dewan MC, Bhatia R, Stanton AN, Naftel RP, Shannon CN, Pruthi S, Wellons JC. Dural graft closure reduces post-operative complications in pediatric patients undergoing posterior fossa brain tumor resection independent of perioperative EVD placement. Poster presentation at 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting. Nashville, TN, USA December 6-9, 2018.
36. Reynolds RA, Dixon M, Gannon S, Bonfield CM, Naftel RP, Wellons JC, Shannon CN. The roles of socioeconomic status and parental concern in pediatric hydrocephalus management. Poster presentation at 47<sup>th</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting. Nashville, TN, USA December 6-9, 2018.
37. Flanders TM, Kimmel AC, Lang S, Bellah RD, Chuo J, Wellons JC, Flibotte JJ, Heuer GG. Standardized treatment of preterm infants with post-hemorrhagic hydrocephalus at a single institution. Poster presentation at International Society for Pediatric Neurosurgery 47<sup>th</sup> annual meeting; Birmingham UK Oct. 20-24, 2019

#### **Other Selected Published Abstracts:**

1. Wellons JC, Laskowitz DT, Pearlstein RD, Warner DS, Sheng H: Comparison of Posterior Communicating Artery Patency in C57BL/6J and SV-129 Mice: Effect on EEG Activity During Global Cerebral Ischemia. Soc Neurosci Abs 25:128.4, 1999
2. Nellgård B, Mackensen GB, Pineda J, Wellons J, Pearlstein RD, Warner DS: Anesthetic effects on cerebral metabolic rate predict histologic outcome from near-complete forebrain ischemia in the rat. J Neurosurg Anesth 12:168,2000
3. Reddy AT, Wellons JC, Allen JC, Abdullatif H, Braune KW, Grabb PA: Refining the Staging Evaluation of Pineal Region Germinoma using Neuroendoscopy and the Presence of Preoperative Diabetes Insipidus. Neuro-Oncology, 4:4, 2002.
4. Tulipan N, Carroll MA, Braun S, Dabrowiak M, Crum A, Paschall R, Kavanaugh-McHugh A, Shannon CN, Wellons JC, Bennett K: Reducing perinatal complications and early preterm delivery for patients undergoing in utero closure of fetal Myelomeningocele: further modifications to the multidisciplinary surgical technique. AANS/CNS Pediatric Section, presented 2013.

#### **Invited Lectures:**

1. Streamlining Residency Work Patterns Using PDA Patient Access. Invited Faculty at the Federation of Pediatric Organizations Conference on Improving Patient Care, Safety and Pediatric Resident Education. Wilmington, Delaware. October, 2004.
2. Streamlining Residency Work Patterns Using Secure Integrative PDA Patient Access—"the Palm Project". Morning Session Speaker, American Association of Neurological Surgeons, New Orleans, LA. April, 2005.
3. ThinkFirst Alabama: A Head and Spinal Cord Injury Prevention Program. Speaker, Operation CARE (Combined Accident Reduction Effort) International Conference. Birmingham, AL. April 2005.

4. Streamlining Residency Work Patterns: Handheld Computing in the NICU and on the Wards. Invited Faculty at Hot Topics in Neonatology 2005. Washington, D.C., December, 2005.
5. “Put me in, Coach.” Return to Play after Sports-related Concussions, Invited Lecturer, Alabama Athletic Trainers Association, June 2010
6. Masters of Cranial Neuroendoscopy. Invited Lecturer, Congress of Neurological Surgeons Annual Meeting, October 2012.
7. A Multidisciplinary Approach to Pediatric Brachial Plexus and Peripheral Nerve Surgery: Lessons learned from interesting trends and “n of 1’s”. Invited Lecturer, American Society of Pediatric Neurosurgeons 36<sup>th</sup> Annual Meeting, Kauai, HI, February 10-15, 2013.
8. Complication: ETV, When Enough is Enough. Invited Lecturer, American Society of Pediatric Neurosurgeons 36<sup>th</sup> Annual Meeting, Kauai, HI, February 10-15, 2013.
9. Debate: Chiari malformation, durotomy and duraplasty vs. Chiari malformation, no durotomy or duraplasty. Invited Debater, 81<sup>st</sup> AANS Annual Scientific Meeting, New Orleans LA April 27-May 1, 2013.
10. Intrauterine Myelomeningocele Surgery After MOMS; What Is the Responsibility of an Established Center? Invited Lecturer, 2015 Neonatal Medicine Annual Symposium, Nashville, TN November 5-6, 2015.
11. Safety and checklists: Formal (O.R. procedural pause) and informal. Invited Lecturer, 2016 SNS Junior Resident Course, St. Louis, MO April -16, 2016.
12. Intrauterine Myelomeningocele Repair after MOMS: The Vanderbilt Contribution. Invited Speaker, North American Fetal Therapy Network, Chicago, IL April 7, 2017
13. Morone P, Brady D, Wellons JC 3<sup>rd</sup>. The National Wellness Landscape in Neurosurgical Training Programs. Society of Neurological Surgeons 108<sup>th</sup> annual meeting, Houston, Texas, May 20-23, 2017.
14. Wellons JC: 2018 National Institutes of Health Hydrocephalus Workshop: State of the Science and Future Directions. “The role of fetal Spina Bifida repair in reducing symptomatic hydrocephalus; MOMS and beyond. Baltimore, Maryland, April 18-19, 2018.
15. Wellons JC: Vanderbilt University Medical Center Department of Nursing Education and Professional Development and the Mildred Stahlman Division of Neonatology present: 39<sup>th</sup> Annual Symposium on Advances and Controversies in Neonatal Medicine. “Managing Newborn Brachial Plexus Palsy. Nashville, Tennessee, November 7-8, 2019.

#### **Invited Faculty:**

1. Invited Faculty: Intracranial Endoscopy: Indications, Techniques, Outcome and Complications. American Association of Neurological Surgeons, April 2006, 2007, 2010
2. Invited Panelist: Handheld Computing: An Essential Tool in Today’s Neurosurgical Practice. American Association of Neurological Surgeons, April 2006, 2007
3. Invited Faculty: Congress of Neurological Surgeons:

- a. Pediatric Brain Tumor Review September 2007
  - b. Pediatric Brain Tumor Treatment Strategies, October 2009
  - c. Top Ten Abstracts – Section on Pediatric Neurological Surgery (2009 Moderator)
  - d. Excellence in Pediatric Neurosurgery: Avoiding Complications (2009 Moderator)
  - e. Masters of Cranial Neuroendoscopy (2011, 2012)
4. Invited Faculty: National Hydrocephalus Association Meeting, June 2008.
  5. Invited Faculty: 2009 Joint Meeting of the Society of Neuro-Oncology and the AANS/CNS Section on Tumors: Neurosurgical Oncological Endoscopy
  6. Invited Faculty: Course Director: “Neuroendoscopy in the Pediatric Patient: Practical Anatomy & Surgical Education Lab.” AANS/CNS Section on Pediatric Neurological Surgery, 2012.
  7. Invited Faculty: Hydrocephalus & Endoscopy: Complication: ETV, When Enough is Enough. American Society of Pediatric Neurosurgeons 36<sup>th</sup> Annual Meeting, Kauai, HI, February 10-15, 2013.
  8. Invited Panelist: Developing and maintaining a collaborative research network. 43<sup>rd</sup> AANS/CNS Section on Pediatric Neurological Surgery Annual meeting, Amelia Island, Florida December 2-5, 2014.
  9. Invited Panelist: Clinical Symposium III: Fetal Myelomeningocele repair: current challenges and future collaboration. 43<sup>rd</sup> AANS/CNS Section on Pediatric Neurological Surgery annual meeting, Amelia Island, Florida December 2-5, 2014
  10. Invited Faculty: Society of Neurologic Surgeons. Junior resident course, St. Louis, Missouri, April 2016.
  11. Invited Moderator: VUMC Strategic Directions: Strategy Share17 PosterShare, July 20, 2017.
  12. Invited panelist: T Simon, JC Wellons. Hydrocephalus/shunts: Neurosurgeon vs hospitalist. Pediatric Hospital Medicine 2017, Nashville TN July 21-22, 2017
  13. Invited Moderator: JC Wellons, C van Horne. Moderators in Scientific Session V: (1) Utility of AI in neurological surgery; (2) Evolution of Chiari decompression; (3) NREF update; (4) Working for you in Washington: Neurosurgery making a difference; (5) Why should I care about genetics in medulloblastoma? 70<sup>th</sup> Southern Neurosurgical Society annual meeting, Key Largo, Florida. February 20-23, 2019