Curriculum Vitae

Name:	James L. Blair
Office Phone:	615-343-9419
Office Address:	1301 Medical Center Drive Nashville Tennessee, 37232-8510
Work Email:	j.blair@Vanderbilt.Edu

Training

08/1976 - 06/1978	B.S. in Zoology from Iowa State University, IA United States
08/1979 - 06/1983	D.O. in Osteopathic Medicine from University of Osteopathic Medicine & Health Sciences
07/1983 - 06/1984	Internship in Anesthesiology from University of Iowa Hospitals & Clinics, Iowa City, Iowa
07/1984 - 06/1986	Residency in Anesthesiology from University of Iowa Hospitals & Clinics, Iowa City, Iowa
07/1986 - 07/1987	Fellowship in Neuroanesthesia from University of Iowa Hospitals & Clinics, Iowa City, Iowa

Licensure and Certification

12/1983 - Present	Boards, Diplomate, National Board of Medical Examiners (FLEX)
07/1987 - 07/2006	Medical, Inactive License: Osteopathy & Surgery; Virginia #102036893 of Virginia
1989 - 1990	Medical, Iowa Controlled Substances Certificate #1301916
04/1989 - Present	Boards, Diplomate, American Board of Anesthesiology, #16338
1990 - Present	Medical, UPIN: B18071
1993 - 1994	Medical, Virginia Controlled Substance Registration License # 204-34873
1993 - 07/2014	Medical, Licensed Physician & Surgeon - Illinois of Illinois (036-087890)
1994 - 2011	Medical, Illinois Controlled Substance License of Illinois (003-36-87890-01)
11/1994 - 11/2009	Medical, Inactive License: Osteopathic Physician: Texas of Texas (J6878)
1999 - Present	Medical, NPI: 1912959537
2005 - 2007	Medical, Texas DPS Controlled Substance of Texas (F0090247)
2007 - 2010	Medical, Unlimited License: Osteopathic Medicine & Surgery; Iowa #2037
2007 - 03/2013	Medical, Unlimited License: Medicine & Surgery; North Carolina #32990 of North Carolina
10/2007 - 07/2017	Medical, License: Doctor of Osteopathy - Tennessee of Tennessee United States (DO 1886)
11/2007 - 07/2016	Medical, Federal Controlled Substances Certificate of Tennessee United States (AB2319742)
02/2014 - Present	Certification, Clinical Laboratory Improvement Amendments (CLIA) United States

Academic Appointments

07/1987 - 08/1990	Director, Anesthesia Research; Director, Neuroanesthesia, Portsmouth Naval Hospital (Portsmouth, Virginia)
07/1987 - 10/1991	Director, Anesthesia Computer Systems, Anesthesiology, Portsmouth Naval Hospital (Portsmouth, Virginia)
11/1987 - 08/1994	Permanent Staff Privileges, Anesthesiology, Portsmouth Naval Hospital (Portsmouth, Virginia)
10/2007 - 06/2008	Assistant Professor of Clinical, Vanderbilt University (Nashville, Tennessee)
07/2008 - Present	Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

10/1984 - 11/1985	Emergency Department Physician (part-time), Midwest Emergency Medicine Outpatient Clinics (Waterloo, Iowa)
09/1985 - 09/1988	Clinical Courtesy Privileges Emergency Department Physician, Anesthesiology, Mercy Hospital (Clinton, Iowa)
09/1985 - 09/1988	Clinical Courtesy Privileges Emergency Department Physician, Jane Lamb Medical Center (Clinton, Iowa)
09/1985 - 09/1988	Clinical Courtesy Privileges Emergency Department Physician, Marshalltown Area Comm. Hospital (Marshalltown, Iowa)
07/1988 - 05/1989	Locum Tenens; Courtesy Staff Privileges, Anesthesiology, Randolph Hospital (Asheboro, North Carolina)
04/1989 - 08/1994	Intermittent Locum Tenens; Courtesy Staff Privileges, Anesthesiology, Northampton-Accomack Memorial Hospital (Nassawadox, Virginia)
04/1990 - 05/1990	Locum Tenens, Courtesy Staff Privileges, Anesthesiology, Marian Health Center (Sioux City, Iowa)
11/1991 - 08/1994	Practicing Staff Anesthesiologist, Elizabeth River Anesthesia Group (Tidewater, Virginia)
01/1992 - 08/1994	Provisional Staff Privileges, Sentara Norfolk General Hospital, Norfolk, Virginia
01/1992 - 08/1994	Provisional Staff Privileges, Anesthesiology, Portsmouth General Hospital, Portsmouth, Virginia
01/1994 - 03/1994	Locum Tenens Anesthesia Provider, Anesthesiology, CGH Medical Center (Sterling, Illinois)
09/1994 - 04/2003	Active Staff Privileges, Department Chairman, Osteopathic Medical Center of Texas, (OMCT) Fort Worth, Texas
04/2003 - 11/2007	Clinical Services; Chairman, Section of Anesthesia, Department of Surgery, Alliance Hospital, Ltd., Odessa, Texas
11/2007 - Present	Assistant Professor, Vanderbilt University Medical Center, Vanderbilt University, Nashville, TN

Professional Organizations

1983	American Society of Anesthesiologists
1985	International Anesthesia Research Society
1987 - 2007	American Society for Regional Anesthesia
1987 - 2015	Society for Neuroscience in Anesthesia and Critical Care
1996 - 2007	Society for Cardiac Anesthesia
2009 - 2011	International Neuropsychological Society
2013	Society for Neuroscience

Professional Activities

Intramural

08/2008 - 02/2012	HRPP (IRB#1), Voting member of Institutional Review Board #1 for the protection of Human Subjects in Research., Member, Human Research Protection
06/2014 - Present	Anesthesia Equipment Committee, Anesthesiology, The Anesthesia Equipment Committee provides guidance for considerations of Departmental equipment evaluation and purchase., Member

Extramural

06/2010 - 06/2011	ASA House of Delegates, American Society of Anesthesiologists, Availability as a Voting Alternate Delegate to the ASA House of Delegates representing the State of Tennessee. Served as Delegate at 2010 ASA, Active Alternate Delegate, Delegate
07/2010 - Present	Communications Committee, Society for Neuroscience in Anesthesia and Critical Care, Assist in communicating news, information and efforts of SNACC to its members., Committee Member
05/2011 - Present	Reviewer for Anesthesiology

Teaching Activities

08/13 - Present	Monro-Kellie, ICP & 2ndary Injury, Facilitator, 4648 TVC, Review and discussion of ICP, components of secondary injury and their relation to Monro-Kellie.

09/13 - Present	Working Through Small Holes, Facilitator, 4648 TVC, Discussion of special anesthetic considerations for neurosurgical procedures involving either endoscopic or transvascular approaches to intracranial pathology.
10/13 - Present	Functional Neurosurgery, Facilitator, 4648 TVC, Review of the various elements of functional brain surgery, including DBS, MVD, Seizure Mapping, SCS and anesthetic management. Discussions include air embolism, Non-motor Parkinson's, Essential tremor, Dystonia.
01/14 - Present	Spine & EP Monitoring, Facilitator, 4648 TVC, Discussion of the various modalities of brain & spinal cord monitoring including SEP, MEP, VEP, BAER, EEG, including appropriate anesthetic choices to allow stable monitoring throughout the various procedures.
06/14 - Present	Neuro Pre-op, Positioning, VAE, Facilitator, 4648 TVC, Components of H & P specific tp neuroanesthesia; special positioning for neurosurgery; risks and management of venous air embolism.
11/2007 - Present	Pharmacology of Anesthetic Adjuvants, Instructor, Main OR, Review and discussion of a variety of anesthetic adjuvants including alpha-2 agonists, lidocaine by infusion, ketamine; non-traditional importance of vagolytics, H2-antagonists, action and properties of inhalational agents and GABAmimetics.
11/2007 - Present	Ventilatory Management, Lecturer, OR, ALI/ARDS Ventilator Management; Volutrauma, Barotrauma; Laparoscopic Procedures. Cranial Procedures. Prone Positioning. Inhalational PK for Obesity.
11/2008 - Present	Dexmedetomidine: Pharmacokinetics and Pharmacodynamics, Lecturer, Discussion of PK/PD and current uses of dexmedetomidine with special emphasis on neurosurgical procedures.
06/2009 - Present	EEG & Evoked potentials: Electrophysiologic Monitoring, Instructor, Library, Discussion of the neurophysiologic basis of EEG, somatosensory and motor evoked potentials. Rationale for such monitoring during cervical and thoracic spine surgery, as well as carotid endarterectomy.
08/2009 - Present	POCD - Aging for Anesthesia, Lecturer, Light Hall, Review of neurocognitive risks of aging in relation to anesthesia and anesthetic agents.
09/2009 - Present	Intravenous Anesthetics, Lecturer, Multiple presentations of basic PK/PD of common intravenous anesthetics.
09/2009 - 06/2010	Pulmonary Physiology, Lecturer, Factors influencing respiratory function related to anesthesia.
12/2009 - Present	Neurosurgical Fluid Management, Lecturer, Management of IV fluids and types of fluids utilized during neurosurgical procedures; alterations of ICP, BBB transfer, mass effects.
01/2010 - Present	Anesthesia for DBS, Minimally Invasive and MVD, Lecturer, Anesthesia for specific neurosurgical procedures including Deep Brain Stimulation, Minimally Invasive Procedures (awake craniotomy, Gasserian ganglion injection/ablation) and Microvascular Decompression (MVD).
04/2010 - 04/0	Neurophysiology, Lecturer, Condensation of the vast realm of neurophysiology for specific anesthetic concerns relating to ICP/measurement/management and brain relaxation.
04/2010 - 04/0	Anesthesia for Interventional Neuroradiology, Lecturer, Extended discussion of the types of interventions in the neuroradiology suite, the anesthetic problems and equipment required.
04/2010 - 04/2010	Spasmodic Dysphonia - Case Presentation, M & M Lecturer, 218 Light Hall, Case of Occiput-C3 fusion in a patient with spasmodic dysphonia, receiving Botox treatments
04/2010 - 06/2010	NSAIDs - Coagulation and Outcomes, Lecturer, VUMC Neurosurgical Spine Conference on problems, pitfalls, platelet function and planning required for the neurosurgical management of NSAIDs perioperatively.
04/2010 - 2013	Inhalational Anesthesia Basics, Lecturer, Library, Essential understanding of PK/PD, uptake, distribution and elimination of inhalational anesthetics
12/2010 - Present	Posterior Fossa Procedures, Lecturer, Basics of access to the posterior fossa with review of positioning, anesthetic considerations
03/2011 - 04/2011	Why and How?: Peri-Anesthetic Imaging of Cognitive Decline (PAICOD), Lecturer, Cognitive decline is clearly a potential after anesthesia and surgery, but little is know about what is actually going on in the brain postoperatively.
06/2011 - Present	Supratentorial Tumors, Facilitator, 2301 VUH, Pathophysiology, surgical and anesthetic management of supratentorial tumors, intracranial pressure, cerebral perfusion, autoregulation, reduction of ICP with hyperventilation, diuretics, CSF drainage.
09/2011 - Present	Electrophysiologic Monitoring, Facilitator, Library, Discussion of SSEP, MEP, EEG, BAER for neurosurgical procedures with correlation of effects of anesthetics on these modalities
10/2011 - Present	Working Through Small Holes, Facilitator, Discussion of anesthetic management for transvascular neurosurgical procedures.
04/2012 - Present	Examiner, Sim Center
05/2012 - Present	POCD and POD, Facilitator, 4, Discussion of Post-op cognitive changes per Miller - Chapter 89
08/2012 - Present	Pre-op & Neuro Positioning, Facilitator, Library, Discussion of specifics of preoperative considerations for positioning during various neurosurgical procedures

08/2012 - Present	Liquid Space-occupying Lesions, Facilitator, Library, The Liquids: space-occupying lesions of acute and slow accumulations of blood or CSF
08/2013 - Present	Monroe-Kellie, ICP, 2nd Inj, Facilitator, 4648 TVC, Review of Monroe-Kellie doctrine, components and determinants of ICP, and Mechanisms of Post-Ischemic Secondary Brain Injury.
09/2013 - Present	Continuity Clinical Experience: Team-Based Care, Facilitator, Light Hall 4011, CCX seeks to instill the values and goals of interprofessional team-based care. These goals include improvement in quality, safety and access to care.
10/2013 - Present	Neuroanesthesia Didactic: Functional Neurosurgery, Facilitator, 4648 TVC, Review of various functional neurosurgical procedures, including DBS, MVD, Central & Peripheral nerve stim, VNS, Intrathecal infusion systems
01/2014 - Present	Working Thru Small Holes, Facilitator, 4648 TVC, Review of anesthetic issues associated with Neurovascular and Neuroendoscopy.
01/2014 - Present	Spine Surg & EP Monitoring, Facilitator, 48648 TVC, Discussion of modalities for monitoring the spinal cord during spine surgery, including, SSEP, MEP, EMG
03/2014 - Present	Space-Occupying Lesions, Facilitator, 4648 TVC, Anesthetic concerns for ICP and fluid management of patients undergoing Supratentorial Lesions
09/2014 - 09/2014	Fndations of Clin Care Delivery: Settings of Care, Sm Group Facilitator, VUSOM, Settings of Care -Seminar 1 - Describe settings in which care may be delivered within the healthcare delivery system.
11/2014 - 11/2014	CCx IDIS 5215: Transitions of Care, Sm Group Facilitator, VUSOM, Describes the Transitions that occur between various care settings, e.g., hospital to SNF, SNF to home, home to clinic, etc.
12/2014 - 12/2014	CCx IDIS 5215: Settings/Transitions Debrief, Sm Group Facilitator, VUSOM, Provide opportunity for reflection and feedback on clerkship and CCX experiences. Debrief the transitions of care assignments from Seminar 2 Provide end of semester reminders and preview of spring semester of CCX
01/2015 - 09/2015	CCx IDIS 5215: Social Determinants of Health, Sm Group Facilitator, VUSOM, Describe Social Determinants of Health, including "Allosteric Load", biological pathways subject to social stresses, upstream factors influencing health outcomes.
03/2015 - 03/2015	CCx IDIS 5215: Health Advocacy & Resources, SmGroup Facilititor, VUSOM, Health Advocacy in Clinical support of individual patients, Paraclinical support of needs parallel to the health care system, and Supraclinical health advocacy as population-based social determinants of health.
05/2015 - 05/2015	CCx IDIS 5215: Foundations of Health Care Delivery, Sm Group Facilitator, VUSOM, Recap and Debrief: Course Goals - 1. Create Self-directed learners; 2. Cultivate Respectful Professionals; 3. Integrate Knowledge with Clinical Care; 4. Prep for Safe, Effective, Pt-Centered, Timely, Efficient, Equitable Care.

Research Supervision / Mentorship

05/13 - 07/13	Sonal Walia, Undergraduate Vanderbilt University, Current Position: 3rd year student. (Faculty, Research)
12/13 - 12/14	Art Sedykh, M.D. Vanderbilt University Medical Center, Current Position: PGY 4 Department of Anesthesiology. (Faculty, Research)
04/2008 - 06/2011	Humphrey Lam, M.D. Department of Anesthesiology VUMC and Carroll Children's Hospital, Current Position: Fellow - Pediatric Anesthesia. (Faculty, General Mentorship)
04/2008 - 06/2012	Andrey Belous, M.D. Department of Anesthesiology, VUMC, Current Position: Resident. (Faculty, General Mentorship)
06/2012 - Present	Stephen Harvey, M.D. Vanderbilt University Medical Center, Current Position: Staff Anesthesiologist. (Faculty, Research)

Other Significant Activities

03/2012	Richmond Agitation-Sedation Scale (RASS) on Emergence: RASS scoring immediately on emergence from anesthesia is being added to the electronic record (GasChart). This measure will facilitate improved record keeping and research into early cognitive changes post-operatively.
03/2012	Report on 2012 World Congress of Anaesthesiologists Lecture Sessions Related to Neurocognitive Dysfunction: Report to SNACC for Newsletter promulgation contains brief reviews of 10 lectures presented at WCA covering aspects of neurocognitive decline related to anesthesia and surgery. To be expanded into article for JNA.

04/2012	30th Vanderbilt Annual Research Forum: Served as a Judge for the Annual Research Forum, judging poster and verbal presentations of more than 100 resident and student research projects.
08/2012	Simulation Training for Maintenance of Certification in Anesthesiology (MOCA®): Enrolled participants will experience or observe various clinical scenarios carefully selected to represent common and infrequent critical events in anesthesia practice.
04/2013	31st Vanderbilt Annual Research Forum : Served as a Judge for the Annual Research Forum, judging posters and verbal presentations of more than 120 resident and student research projects
07/2013	Guanfacine Use Patent: Disclosed a method for reducing emergence and post-operative delirium using guanfacine, an alpha-2A selective agonist, in pediatric patients and young adults.
03/2015	Clinical Continuity Experience: Completing 2nd year as a Small Group Facilitator for a group of 1st/2nd year medical students in a program designed to provide substantial clinical experience in patient teaching and coaching, systems engineering, team care, and patient safety.

Grants and Funding

VUMC35170 James Blair (PI) 12/2008 - 12/2013

Hospira, Inc.; Anesthesia Innovations Grant

Perioperative Infusion of Dexmedetomidine Does Not Reduce Hospital Stay after Major Spine Surgery-A DBPC Study

Anesthesia has traditionally served an ancillary role in the surgical treatment of disease. However, there is clear potentia for anesthesia to influence outcome, beyond getting the patient safely through the surgery. Other considerations, such a reducing length of stay and thus reducing the cost of medical care are emerging as real goals of astute anesthetic management. This study seeks to determine if the use of a drug (dexmedetomidine) with pleotropic actions can help rea these goals.

Role: Principal Investigator

Total Cost: $45,150.00

VUMC35170 04/2011 - 12/2015

CTSA/VICTR; Anesthesia Innovations Grant

Peri-anesthetic Imaging of Cognitive Decline -PAICOD Study

Over the past several years, concern has been growing that for patients at the extremes of age, some anesthetic agents may harbor subtle, previously minimally examined, serious neurotoxic effects that can cause lasting decline in the functi of the central nervous system (CNS). For the elderly, these effects may manifest in lasting post-operative deterioration c memory and the capacity for normal information processing that can result in the inability to perform the activities of da living (ADLs) with eventual early demise. Unfortunately, even though our ability to evaluate anesthetic risk has grown asymptotically for virtually every organ system, the brain remains neglected. The study aims to determine if MRI can demonstrate changes in the CNS pre-op vs post-op that relate to anesthesia and surgery and how those changes might correlate with neurocognitive testing. VICTR component of Study Re-Funded on 2 June 2014.

Role: Principal Investigator

Total Cost: $77,375.00

Grant number unavailable James Blair (PI) 08/2013 - 08/2014

VICTR

A Randomized, Placebo-Controlled, Double-Blind Trial of Oral Guanfacine for Control of Emergence Delirium after Genera Anesthesia in Children & Young Males □ □ TOGEDYM□

Emergence Delirium (ED) is common in children and young males after general anesthesia and can disrupt/extend PACU stay, increasing cost of care. Guanfacine (GF), an alpha-2A agonist, administered orally preoperatively, may reduce the incidence of ED. This study seeks to determine the efficacy of oral GF in the management of ED.

Role: Co-Investigator

Total Cost: $5,000.00

Patents & Copyrights

N/A	Use of Alpha-2A Selective Adrenergic Receptor Agonist GUANFACINE in the Management of Emergence Delirium in Young Males. James L. Blair. Disclosed is a method of treating severe anesthesia emergence agitation or delirium after surgery in children and young males, by

administering a therapeutically effective amount of an alpha-2 agonist having a high affinity for .... (Use Patent in Process) (Pending)

Publications

Peer Reviewed Publications

Research Papers

1. **Blair, JL**, Warner, DS, Todd, MM. Effects of elevated plasma magnesium versus calcium on cerebral ischemic injury in rats. Stroke 1989; 20(4):507-512. PMID: 2648653.
2. Olivencia-Yurvati AH, **Blair JL**, Baig M, Mallet RT. Pyruvate-enhanced cardioprotection during surgery with cardiopulmonary bypass. J Cardiothorac Vasc Anesth. 2003 Dec;17(6):715-720. PMID: 14689411.

Case Reports

1. Greening A, Mathews L, **Blair JL**. Apparent dexmedetomidine-induced polyuric syndrome in an achondroplastic patient undergoing posterior spinal fusion . Anesthesia & Analgesia 2011 Dec;113(6):1381-1383. PMID: 22003216.

Non-Peer Reviewed Publications

Abstracts

1. **Blair JL**, McGuire R, Killian J, Amundson G. Esmolol as primary agent for controlled hypotension. Abstract; Presented at the International Anesthesia Research Society. Anesth Analg 1989; 68.

Conference Proceedings

1. **Blair JL**, Killian J. Esmolol for Controlled Hypotension in Pediatric Scoliosis Surgery.. (Poster) Presented at the International Scoliosis Research Society The Hague, The Netherlands; September, 1989. : .
2. **Blair JL**, Warner DS, Todd MM. Effects of Pre-Ischemic Elevation of Plasma Magnesium versus Calcium on Cerebral Ischemic Injury in the Rat.. (Abstract) Presented at World Congress of Anesthesia, Washington, D.C., May 26, 1988. : .
3. Warner DS, **Blair JL**, Todd MM. Interaction between acute hypermagnesemia, hypercalcemia and plasma glucose: effects on cerebral ischemic injury.. Second International Symposium on the Pharmacology of Brain Ischemia, Marburg, West Germany Oct 3-5, 1988. SYS.1 A5159.74; 9.02.89 WissVerlag/Kriegelstein (00) L58. 1989 Sep;18:5(Pharmazie in Unserer Zeit SYS.1 A5159)Marburg, Germany.

Presentations

Presentations at Scientific Meetings

1. Blair JL, Warner DS, Todd MM. World Congress of Anesthesia. WCA; Washington, District of Columbia. 1988 May 26; Effects of Pre-Ischemic Elevation of Plasma Magnesium versus Calcium on Cerebral Ischemic Injury in the Rat.
2. Warner DS, Blair JL, Todd MM. Second International Symposium on the Pharmacology of Brain Ischemia. Marburg, Germany. 1988 Oct 3; Interaction between acute hypermagnesemia, hypercalcemia and plasma glucose: effects on cerebral ischemic injury.
3. Isaak R, Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; New Orleans, Louisiana. 2009 Oct; Introperative management of 6 cm giant right middle cerebral artery aneurysm.
4. Schlesinger J, Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego, CA, California. 2010 Oct; Rebound hypertension after unrecognized clonidine cessation successfully treated with dexmedetomidine.
5. Schlesinger J, Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego, California. 2010 Oct; Intermittent bolus dosing of dexmedetomidine to provide a smooth emergence in a patient with a history of agitation and operative delirium.
6. Schlesinger J, Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego, California. 2010 Oct; Dexmedetomidine and regional anesthesia in a patient with a known difficult airway and Becker s Muscular Dystrophy (BMD).
7. Greening A, Mathews L, Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego,

California. 2010 Oct; Apparent dexmedetomidine-induced diabetes insipidus in an achondroplastic patient undergoing posterior spinal fusion.

8. Tomlinson R. Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego, California. 2010 Oct; Laparoscopic surgery after repair of congenital heart disease (Fontan).
9. Tomlinson R. Blair JL. American Society of Anesthesiologists Annual Meeting. ASA; San Diego, California. 2010 Oct; TO PRESS OR NOT TO PRESS? Carotid stenosis, recent myocardial infarction, unsecured cerebral aneurysm with subarachnoid hemorrhage, and severe vasospasm.
10. Blair JL, St Jacques P, Neeley R. Tennessee Society of Anesthesiologists. TSA; Nashville, Tennessee. 2011 Feb 26; Spasmodic Dysphonia complicating airway management and skull base surgery.
11. Maziad J, Blair JL. Tennessee Society of Anesthesiologists. TSA; Nashville, Tennessee. 2011 Feb 26; Prolonged neuromuscular blockade during continuous infusion of piperacillin-tazobactam (Zosyn).
12. Cropsey C, Blair JL. ASA. ASA; Chicago, Illinois. 2011 Oct 17; Spinal hardware revision complicated by recent coronary stents.
13. Aron Broman, MD. American Society of Anesthesiologists. ASA; Washington, District of Columbia. 2012 Oct 15; Osteomylitis Induced Cervico-Thoracic Hardware Failure Leading to Severe Kyphotic Deformity.
14. James L. Blair. American Delirium Society. American Delirium Society; Indianapolis, Indiana. 2013 Jun 3; Case Report of Post-op Delirium & Amnesia with NCT Follow-up Prefrontal Cortex & the Stroop Task.
15. James L. Blair. American Delirium Society Annual Meeting. American Delirium Society; Indianapolis, Indiana. 2013 Jun 3; Guanfacine for Emergence Delirium in Children A Case Report in Twins.

Invited Presentation - Local

1. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1988 Jun; Neurologic Monitoring for Spine Surgery.
2. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1989 Apr; Anesthesia: Neurophysiologic Correlations.
3. Texas Assoc. of Post-Anesthetic Nurses; Fort Worth, Texas. 1997 Mar 12; Pulmonary Edema in PACU - Identification and Management.
4. Tumor Board. Hillcrest Baptist Hospital; Waco, Texas. 1999 Mar 24; Chronic Pain: Identification & Management.
5. Center for Pain Management; Fort Worth, Texas. 1999 May; Chronic Pain Management Utilizing Narcotics: How to Do It Safely.
6. Huguley Memorial Medical Center; Fort Worth, Texas. 1999 Aug 31; Pain Management & Your License: Changing Rules in Texas.
7. Department of Anesthesiology - Womack Army Medical Center; Fort Bragg, North Carolina. 2000 Aug 9; Current Clinical Considerations in Regional Anesthesia.
8. Department of Anesthesiology - Christiana Care Hospital; Newark, Delaware. 2000 Aug 23; A New Look at Local Anesthetics.
9. Department of Anesthesiology - Pontiac Hospitals; Pontiac, Delaware. 2000 Sep 11; Regional Anesthetic Toxicity in Acute & Chronic Pain Management.
10. 22nd Annual University of Detroit Graduate CRNA Seminar. University of Detroit; Troy, Michigan. 2000 Sep 16; Local Anesthetic Toxicity: Lessons Learned and New Medications.
11. Department of Anesthesiology - Union Hospital; Lynn, Massachusetts. 2001 Jan 4; Levobupivacaine - Stereochemistry, Pharmacology and Utility.
12. Department of Anesthesiology - Henry Ford Hospital; Detroit, Michigan. 2001 Jan 9; Regional Anesthetic Techniques for Upper Extremity Blocks.
13. Department of Anesthesiology - Henry Ford Hospital; Detroit, Michigan. 2001 Jan 10; New Local Anesthetic Agents & Techniques.
14. Department of Anesthesiology - Piedmont Hospital; Atlanta, Georgia. 2001 Jan 24; Pharmacologic Variations in Local Anesthetics and the New Levo-Isomers.
15. Department of Anesthesiology - United Hospital; St. Paul, Minnesota. 2001 Feb 1; New Local Anesthetic Agents: Derivation Pharmacology & Use.
16. Department of Anesthesiology - Mesa Lutheran Hospital; Mesa, Arizona. 2001 Feb 16; History, Pharmacology and Utility of the Newer Local Anesthetics.
17. Department of Anesthesiology - Scottsdale Health Center; Scottsdale, Arizona. 2001 Feb 16; Regional Anesthetic Techniques for Upper Extremity Blocks.
18. Department of Anesthesiology - University Medical Center; Tuscon, Arizona. 2001 Mar 28; History, Pharmacology and Utility of the Newer Local Anesthetic Agents.
19. University of Arizona - Department of Anesthesiology; Tucson, Arizona. 2001 Mar 28; Regional Anesthetic Techniques for Upper Extremity Blocks.
20. Department of Anesthesiology; Erlanger Hospital; Chattanooga, Tennessee. 2001 Apr 11; L-Bupivacaine:

Safety, Clinical Utility and Experience.

21. Low Country Anesthesia; Beaufort, South Carolina. 2001 Apr 30; Levobupivacaine: Chemistry, Safety, Clinical Utility and Experience.
22. Department of Anesthesiology; Munson Medical Center; Traverse City, Michigan. 2001 May 16; History, Pharmacology and Utility of the Newer Local Anesthetic Agents.
23. Department of Anesthesiology; Shands Hospital; Jacksonville, Florida. 2001 May 24; Levobupivacaine: Chemistry, Safety, Clinical Utility and Experience.
24. Department of Anesthesiology; Hendrick Medical Center; Abilene, Texas. 2001 May 24; History, Pharmacology and Utility of the Newer Local Anesthetic Agents.
25. Department of Anesthesiology; Medical Center; Austin, Texas. 2001 Jun 21; Levobupivacaine: Chemistry, Safety, Clinical Utility and Experience.
26. Department of Anesthesiology - MetroHealth; Cleveland, Ohio. 2001 Jul 17; L-Bupivacaine: Safety, Clinical Utility and Experience.
27. Department of Anesthesiology - Ingham Regional MEdical Center; Lansing, Michigan. 2001 Sep 4; Levobupivacaine: Chemistry, Safety, Clinical Utility and Experience.
28. Respiratory Therapy Colloquium. Osteopathic Medical Center of Texas; Fort Worth, Texas. 2001 Nov 15; Airway Management: Basics, Tools, Tricks.
29. St. John Mercy Hospital Department of Anesthesiology; St. Louis, Missouri. 2002 Jan 9; Clinical Profile The Newer Chiral Local Anesthetic Agents.
30. Clinical Rounds. Department of Nursing - Osteopathic Medical Center of Texas; Fort Worth, Texas. 2002 Jan 25; Things I Have Learned In Pain Acute Pain Management.
31. James Blair. Vanderbilt CRNA Continuing Education. Nashville, Tennessee. 2012 Jun 27; Alpha-2 Agonists - Pharma & Utility.
32. Research Faculty and Staff. Vanderbilt Annual Anesthesia Research Symposium. Department of Anesthesiology; Nashville, Tennessee. 2013 May 3; Alpha-2 Agonists - Sedation, Attention, Inflammation.
33. James Blair. Vanderbilt Skull Base Surgeons Monthly Meeting. Vanderbilt University; Nashville, Tennessee. 2014 Nov 5; Anesthesia for Skull Base Surgery.

Invited Presentation - Regional

1. Annual Meeting, Texas Osteopathic Medical Association. TOMA; Dallas, Texas. 1999 Jun 19; Pain Management & Narcotics: Clinical & Ethical Considerations.
2. Fayetteville Hospital; Fayetteville, North Carolina. 2000 Aug 8; L-Bupivacaine - A Novel Formulation of an Old Friend.
3. Annual Meeting - MANA. Minnesota Association of Nurse Anesthetists; Bloomington, Minnesota. 2001 Mar 10; Local Anesthetics: History, Chemistry and Newer Agents.
4. James Blair. TSPAN Fall Fling. Tennessee Society of Perianesthetic Nurses; Nashville, Tennessee. 2012 Oct 6; Post-Anesthetic Cognitive Decline.

Invited Presentation - National

1. James Blair. 2014 American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2014 Oct 14; Dexmedetomidine Does Not Reduce Length of Stay After 3+ Level Spine Surgery.

Invited Presentation - International

1. James L. Blair, DO. Faculty Presentation - University of Debracen, Hungary. Medical Faculty, University of Debracen, Department of Anesthesiology; Debracen, Hungary. 2014 Nov 12; Clinical Use of Alpha-2 Agents in Anesthesiology and Critical Care.

Invited Presentation - Other

1. Department of Anesthesiology - Regions Hospital; St. Paul, Minnesota. 2001 Feb 1; New Local Anesthetic Agents & Techniques.
2. Columbus Anesthesia Associates. Department of Anesthesiology - St. Francis Hospital; Columbus, Georgia. 2001 Mar 26; L-Bupivacaine: Safety, Clinical Utility and Experience.
3. St. Louis Society of Anesthesiologists; St. Louis, Missouri. 2002 Jan 8; Upper Extremity Blocks Techniques & Clinical Experience.

External Grand Rounds

1. Surgical Grand Rounds. Texas Tech Department of Surgery; El Paso, Texas. 1999 Jun 17; Pain Management & Your License.

Internal Grand Rounds

1. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1988 Mar; Anesthetic Management of Patients with Increased ICP.
2. Neuroanesthesia Basics. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1988 Mar; Neurophysiology II Pathophysiology and Increased ICP.
3. Neuroanesthesia Lectures. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1988 Mar; Neurophysiology I Basic Science.
4. Department of Anesthesiology; Portsmouth, Virginia. 1988 Jul; Controlled Hypotension: Agents and Clinical Considerations.
5. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1988 Oct; Anesthetic & Monitoring Considerations for Carotid Endarterectomy.
6. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1989 May; Fluid Management in Neurosurgery.
7. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1989 Jul; Brain/Spinal Cord Protection: What Can Be Done?.
8. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1991 May; Patient Positioning and Temperature Regulation in Anesthesia.
9. Department of Anesthesiology - Fairfax Hospital; Fairfax, Virginia. 2001 Feb 21; L-Bupivacaine: Safety, Clinical Utility and Experience.
10. Medical Staff Grand Rounds. Baptist Hospital; Pensacola, Florida. 2001 Aug 10; Local Anesthetics: We All Use Local, Don t We?".
11. Department of Anesthesiology - Ingham Medical Center; Lansing, Michigan. 2001 Sep 5; History, Pharmacology and Utility of the Newer Local Anesthetic Agents.
12. JDr. James Blair. Grand Rounds. Department of Anesthesia; Nashville, Tennessee. 2014 Mar 21; ADHD & Emergence Delirium: Potential Relationship & Management with Guanfacine.

Medically Challenging Cases

1. Department of Anesthesiology - Portsmouth Naval Hospital; Portsmouth, Virginia. 1990 Oct 12; Case Management & Clinical Correlation: Brainstem Tumor.

University Talk

1. Blair JL. VUMC Neuroanesthesia Group. Department of Anesthesiology; Nashville, Tennessee. 2008 Nov; Dexmedetomidine: Pharmacokinetics and Pharmacodynamics.
2. Blair JL. Resident Lecture. VUMC Department of Anesthesiology; Nashville, Tennessee. 2009 Aug 26; POCD - Aging and Anesthesia.
3. Anesthesia Clinical and Research Faculty. Annual Anesthesia Research Symposium. Department of Anesthesiology; Nashville, Tennessee. 2015 May 14; Dexmedetomidine Does Not Reduce Length of Stay After 3+ Level Spine Surgery.