Curriculum Vitae

Name:	Andrew David Franklin
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Education

08/1997 - 06/2001	B.S. in Biochemistry, Molecular Biology, and Microbiology from University of Georgia, Athens, Georgia
08/2001 - 01/2005	M.D. in Medicine from Medical College of Georgia, Augusta, Georgia
05/2013 - 05/2015	M.B.A. in Healthcare Masters in Business Administration from The George Washington University School of Business, Washington, District of Columbia

Training

07/2005 - 06/2006	Internship in Anesthesiology from Vanderbilt University Medical Center, Nashville, TN
07/2006 - 06/2009	Residency in Anesthesiology from Vanderbilt University Medical Center, Nashville, TN
09/2009 - 09/2010	Fellowship in Pediatric Anesthesiology from Vanderbilt University Medical Center, Nashville, TN
08/2013 - 11/2013	Training in Leadership Best Practices in an Academic Medical Center from OnFocus Healthcare, Nashville, TN

Licensure and Certification

N/A	Medical License, Tennessee Medical License of Tennessee United States
N/A	Board Certification, Diplomate, The American Board of Anesthesiology

Academic Appointments

07/2009 - 08/2010	Clinical Fellow in Anesthesiology, Vanderbilt University (Nashville, Tennessee)
07/2009 - 08/2010	Instructor in Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)
09/2010 - 07/2012	Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)
07/2012 - Present	Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

01/2014 - Present	Anesthesiologist in Charge (team member), Department of Anesthesiology, Monroe Carell Jr. Children's Hospital at Vanderbilt (Nashville, Tennessee)
06/2014 - Present	Medical Director of Pediatric Pain Management Services, Department of Anesthesiology, Monroe Carell Jr. Children's Hospital at Vanderbilt (Nashville, Tennessee)

Professional Organizations

Society of Pediatric Anesthesiologists
Tennessee Society of Anesthesiologists
American Medical Association
American Society of Anesthesiologists

Professional Activities

Intramural

09/2011 - Present	Resident Selection Committee, Anesthesiology, Assist with interviewing and selecting residents for anesthesiology residency program, Committee Member
06/2014 - Present	VCH Pediatric Complex Regional Pain Syndrome (CRPS) Inpatient Rehabilitation Program, Anesthesiology, Inpatient program at VCH that aims to improve function for children with refractory CRPS. Direct and coordinate inpatient management among pain service, pediatric hospitalist service, physical/occupational therapy, psychiatry, and child life services., Medical Director
06/2014 - Present	Pain Collaborative Oversight Committee, Pharmacology, Discuss and formulate pain management improvement projects for both VUH and VCH., Committee Member
09/2014 - Present	Fellowship clinical competency committee, Anesthesiology, Provide ongoing, continuous evaluation of pediatric anesthesiology fellows with quarterly meetings with other committee members, Committee Member

Teaching Activities

07/2009 - 11/2009	Intravenous Anesthetics, Instructor
08/2009 - 11/2009	Intravenous Anesthetics, Instructor
11/2010 - 11/2010	Apnea of Prematurity, Faculty
11/2010 - 11/2010	Pediatric Acute Pain Management, Faculty
11/2010 - 11/2010	Advanced Pediatric Regional Anesthesia, Faculty
01/2011 - 11/2011	Pediatric Epidural and Peripheral Nerve Catheters, Faculty
01/2011 - 11/2011	Apnea of Prematurity, Faculty
01/2011 - 11/2011	Apnea of Prematurity, Faculty
02/2011 - 11/2011	Journal Club - Imaging in Pediatric Regional Anesthesia, Faculty
03/2011 - 11/2011	Pediatric Pain Management, Faculty
03/2011 - 11/2011	Pediatric Regional Anesthesia, Faculty
04/2011 - 11/2011	Case Conference, Faculty
04/2011 - 11/2011	Pediatric Regional Anesthesia, Faculty
08/2011 - 11/2011	Mock Orals, Faculty
11/2011 - 11/2011	Journal Club, Faculty
01/2012 - 11/2012	Case Conference, Faculty
02/2012 - 11/2012	Apnea of Prematurity, Faculty
03/2012 - 11/2012	Case Conference, Faculty
03/2012 - 11/2012	Pediatric Regional Anesthesia, Faculty
04/2012 - 11/2012	Pediatric Regional Anesthesia, Faculty
05/2012 - 11/2012	Pediatric Anesthesia Journal Club, Faculty
05/2012 - 11/2012	Case Conference, Faculty
10/2012 - 11/2012	Apnea of Prematurity, Faculty
12/2012 - 11/2012	Anesthesia for Pediatric Scoliosis Surgery, Faculty
02/2013 - 11/2013	Pediatric Pain Management, Faculty
04/2013 - 11/2013	Anesthesia for Pediatric Outpatient Surgery, Faculty
08/2013 - 11/2013	Advanced Pediatric Regional Anesthesia (for Fellows), Faculty
11/2013 - 11/2013	Apnea of Prematurity, Faculty
11/2013 - 11/2013	Pediatric Ambulatory Anesthesia, Faculty
02/2014 - 02/2014	Pediatric Oncology Disease and Anesthesia (for Fellows), Faculty
03/2014 - 03/2014	Pediatric Pain Management and Regional Anesthesia, Faculty
07/2014 - 07/2014	Pediatric Ambulatory Anesthesia, Faculty
08/2014 - 08/2014	Fluoroscopy and Ultrasound in Pediatric Regional Anesthesia (for Fellows), Faculty
08/2014 - 08/2014	Pediatric Regional Anesthesia, Faculty
12/2014 - 12/2014	Local Anesthetics and Pediatric Regional Anesthesia, Faculty
02/2015 - 02/2015	Pediatric Oncologic Disease and Anesthesia (for Fellows), Faculty
03/2015 - 03/2015	Pediatric Pain Management and Regional Anesthesia, Faculty

05/2015 - 05/2015	Anesthesia for Pediatric Orthopedic and Spine Surgery, Faculty
06/2015 - 06/2015	Pediatric Outpatient Anesthesia, Faculty
07/2015 - 07/2015	Pediatric Ambulatory Anesthesia, Faculty
08/2015 - 08/2015	Pediatric Pain Management and Regional Anesthesia, Faculty
09/2015 - 09/2015	Advanced Pediatric Regional Anesthesia (for Fellows), Faculty
09/2015 - 09/2015	Pediatric Ambulatory Anesthesia, Faculty
12/2015 - 12/2015	Pediatric Ambulatory Anesthesia, Faculty
01/2016 - 12/2016	Pediatric Obstructive Sleep Apnea, Faculty

Other Significant Activities

2000	Undergraduate- Vice President, Habitat for Humanity UGA Chapter:
2001	Medical School Class Academic Vice President:
2001	Undergraduate- Vice President, Alpha Phi Omega Service Society:
2002	Medical School Class Academic Vice President:
2007	Tennessee Society of Anesthesiologists Resident Delegate :
2008	Tennessee Society of Anesthesiologists Resident Delegate :
2009	Institutional Review Board Department Representative:

Honors / Awards

08/2014	Sandidge Pediatric Pain Management Award, Beverly Sandidge, MD, In recognition of outstanding contributions to pediatric pain management at Monroe Carell Jr. Children's Hospital at Vanderbilt
05/2015	Beta Gamma Sigma Honor Society, The George Washington University, Honor society for MBA students graduating in the top 10% of their class

Publications

Peer Reviewed Publications

Case Reports

1. Helmer-Sobey, J. **Franklin, AD**. Ultrasound Guided Tibial Nerve Block for Definitive Treatment of Tarsal Tunnel Syndrome in a Pediatric Patient. Regional Anesthesia and Pain Medicine Accepted for publication 1/28/16.
2. **Franklin A**, Austin T. The use of a continuous brachial plexus catheter to facilitate inpatient rehabilitation in a pediatric patient with refractory upper extremity complex regional pain syndrome. Pain Practice 2013 Feb;13(2):109-13. PMID: 22548704.
3. **Franklin A**, Hays SR. Successful management of a thoracic cerebrospinal fluid cutaneous fistula in a two year old child using a thoracic epidural blood patch. Journal of Clinical Anesthesia 2013 Jun;25(4):331-4. PMID: 23810200.
4. Sobey JH, **Franklin A**. Management of neuropathic pain in an adolescent with Parsonage-Turner brachial plexitis. Regional Anesthesia and Pain Medicine 2014 Mar;39(2):176. PMID: 24553309.
5. Lam H, Broman A, **Franklin A**. Fluoroscopically guided epidural catheter placement in a patient with osteoporosis pseudoglioma undergoing bilateral femoral osteotomies. Regional Anesthesia and Pain Medicine 2014 May;39(3):252-3. PMID: 24747311.
6. **Franklin AD**, Lorinc AN, Donahue BS. Malignant hyperthermia-like manifestations in a two-month-old child with Holt-Oram syndrome undergoing cardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia 2014 Oct;28(5):1326-7. PMID: 24011877.
7. Wester T, **Franklin A**, Donahue BS. Perioperative management of a pediatric patient with catecholamine-induced cardiomyopathy undergoing laparoscopic paraganglioma excision requiring biventricular assist device support. Journal of Cardiothoracic and Vascular Anesthesia. 2015 Aug;29(4):999-1002. PMID: 25169899.

Research Articles

1. **Franklin, A**. Hughes, E. Fluoroscopically Guided Tunneled Trans-Caudal Epidural Catheter Technique for Opioid-Free Neonatal Epidural Analgesia. Journal of Anesthesia Accepted for publication 1/29/16.
2. Austin T, **Franklin A**. Outpatient rehabilitation of pediatric complex regional pain syndrome. Journal of Clinical Anesthesia 2013 Sep;25(6):514-5. PMID: 24008189.

3. **Franklin AD**, Lorinc AN, Shotwell MS, Greene EB, Wushensky CA. Evaluation of the skin to epidural and subarachnoid space distance in young children using magnetic resonance imaging. Regional Anesthesia and Pain Medicine 2015 May;40(3):245-8. PMID: 25899953.

Non-Peer Reviewed Publications

Book Chapters

1. Landsman I, Hays S, **Franklin A**, Karsanac C. Pediatric anesthesia. Pediatric Surgery. Editors: Coran AG, Caldamone A, Adzick NS, Krummel TM, Laberge J, Schamberger R. Philadelphia, Pennsylvania: Elsevier; 2012 Feb;7th Edition 201-226. ISBN: 978-0-323-07255-7.

Presentations

Invited Presentation - Local

1. Franklin, A. Neonatal Intensive Care Unit Didactic Session. Vanderbilt Children's Hospital; Nashville, Tennessee. 2010 May; Neonatal Epidural Analgesia.
2. Franklin, A. Pediatric Pain Champ Annual Meeting. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2011 Sep 12; Pediatric Regional Anesthesia: Theories and Techniques.
3. Franklin, A. Pediatric Pain Champ Annual Meeting. Vanderbilt Children's Hospital; Nashville, Tennessee. 2012 Sep 12; Pediatric Epidural and Peripheral Nerve Catheters.
4. Franklin, Andrew. Neonatal Intensive Care Unit Didactic Session. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2013 Apr 10; Neonatal Epidural Analgesia.
5. Franklin, Andrew. Neonatal Intensive Care Unit Didactic Session. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2013 Apr 17; Opioid Therapy and Toxicity in Neonates.
6. Franklin, Andrew. Pediatric General Surgery Didactic Conference. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2013 May 1; Acute and Chronic Pain Management in Pediatric Surgical Patients.
7. Juoza-Clark, P. Franklin, A. Department of Radiation Oncology Conference. Vanderbilt University Medical Center; Nashville, Tennessee. 2013 Dec 13; Pediatric Perianesthetic Care for Radiation Therapy.
8. Franklin, Andrew. Department of Pediatrics Lecture Series. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2014 Mar 27; Practical Pediatric Pain Management for the Pediatrician.
9. Franklin, Andrew. Pediatric Cardiac Surgery and Cardiology Lecture Series. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2014 Oct 28; Pain Management for Children with Congenital Heart Disease.

Invited Presentation - Regional

1. Franklin, Andrew. Cumberland Pediatric Foundation; Nashville, Tennessee. 2012 Feb; Management of Pediatric Neuropathic Pain.

Invited Presentation - National

1. Franklin, Andrew. Anesthesia Update (7 lectures given). Northwest Anesthesia Seminars; Branson, Missouri. 2013 Jul 11; Pediatric Acute Pain Management, Pediatric Premedication and Induction, Pediatric Outpatient Anesthesia, Pediatric Obstructive Sleep Apnea, Pediatric Fluid and Electrolyte Management, Pediatric Airway Management.
2. Franklin, Andrew. Anesthesia Update (5 lectures given). Northwest Anesthesia Seminars; Amelia Island, Florida. 2013 Oct 9; Pediatric Airway Management, Pediatric Premedication and Induction, Pediatric Acute Pain Management, Pediatric Outpatient Anesthesia, Respiratory Disease of the Premature Child.
3. Franklin, Andrew. 8th Annual Pediatric Anesthesia Review (3 lectures given). Northwest Anesthesia Seminars; Key West, Florida. 2014 Jun 13; Pediatric PCA and Pain Adjuncts, Pediatric Regional Anesthesia, Anesthesia for the Child with a Respiratory Tract Infection.
4. Franklin, Andrew. 8th Annual Pediatric Anesthesia Review (3 lectures given). Northwest Anesthesia Seminars; Key West, Florida. 2014 Jun 15; Pediatric Anesthesia and Obstructive Sleep Apnea, Chronic Respiratory Disease of the Ex-Premature Child, Pediatric Perioperative Transfusion Medicine.
5. Franklin, Andrew. 9th Annual Pediatric Anesthesia Review (4 lectures given). Northwest Anesthesia Seminars; Duck Key, Florida. 2015 Jan 16; Pediatric Premedication and Induction, Pediatric Fluid and Electrolyte Management, Anesthesia and the Child with a Respiratory Tract Infection, Pediatric Complex Regional Pain Syndrome.

6. Franklin, Andrew. 9th Annual Pediatric Anesthesia Review (3 lectures given). Northwest Anesthesia Seminars; Duck Key, Florida. 2015 Jan 17; Pediatric Multimodal Acute Pain Management, Prevention and Management of Pediatric Emergence Delirium, Respiratory Disease of the Premature Child.

Invited Presentation - International

1. Franklin, Andrew. Current Topics in Anesthesia (4 lectures given). Northwest Anesthesia Seminars; Providenciales, Turks and Caicos Islands. 2014 Apr 6; Pediatric Premedication and Induction, Anesthesia for Pediatric Otolaryngology Surgery, Management of Common Pediatric Surgical Emergencies, Pediatric Fluid and Electrolyte Management.
2. Franklin, Andrew. Current Topics in Anesthesia (3 lectures given). Northwest Anesthesia Seminars; Providenciales, Turks and Caicos Islands. 2014 Apr 10; Anesthesia and the Child with a Respiratory Tract Infection, Pediatric Anesthesia and Obstructive Sleep Apnea, Prevention and Management of Pediatric Emergence Delirium.
3. Franklin, Andrew. Current Anesthesia Practices (4 lectures given). Northwest Anesthesia Seminars; Nassau, Bahamas, The. 2014 Oct 6; Considerations in Pediatric Anesthesia Premedication and Induction, Basic and Advanced Airway Management in Children, Pediatric Outpatient Anesthesia: Balancing Safety and Efficiency, Pediatric Fluid and Electrolyte Management.
4. Franklin, Andrew. Current Anesthesia Practice (3 lectures given). Northwest Anesthesia Seminars; Nassau, Bahamas, The. 2014 Oct 8; Management of Common Pediatric Surgical Emergencies, Pediatric Anesthesia and Obstructive Sleep Apnea, Pediatric Acute Pain Management and Regional Anesthesia.

Medically Challenging Cases

1. Franklin A, Banerjee A. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2007 Oct; Management of an Adult Patient with Cricoarytenoid Arthritis.
2. Franklin A, Panharipande P. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2007 Oct; Medically Challenging Case: Management of Acute Fatty Liver of Pregnancy.
3. Franklin A, Banerjee A. American Society for Anethesiologists Annual Meeting. American Society for Anesthesiologists; San Francisco, California. 2007 Oct; Sequelae of Tracheostomy Pseudotract Formation.
4. Helmer-Sobey, J. Franklin, A. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Diego, California. 2015 Oct 25; Ultrasound Guided Posterior Tibial Nerve Block for Treatment of Tarsal Tunnel Syndrome in a Pediatric Patient.
5. Menser, C. Franklin, A. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Diego, California. 2015 Oct 26; Epidural Blood Patch for Management of a Post-surgical Pseudomeningocele in a Pediatric Patient.

Problem based learning discussion

1. Franklin, A. Algren, J. Society of Pediatric Anesthesia Annual Meeting.. San Diego, California. 2011 Apr; Perioperative Pain Management in an Opioid Dependent Child Undergoing Lower Extremity Amputation. Problem Based Learning Discussion.
2. Austin, Thomas. Franklin, Andrew. Society of Pediatric Anesthesia National Meeting; Tampa, Florida. 2012 Feb; Inpatient Rehabilitation in a Pediatric Patient with Refractory Upper Extremity Complex Regional Pain Syndrome.
3. Franklin, Andrew. International Assembly for Pediatric Anesthesia. Society for Pediatric Anesthesia; Washington, District of Columbia. 2012 Oct 12; Safe and Evidence Based Perioperative Pain Management in an Opioid-Dependent Child Undergoing Lower Extremity Amputation for Necrotizing Fasciitis.
4. Menser, C. Franklin, A. Society for Pediatric Anesthesia Annual Winter Meeting. Society for Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 17; Evidence based opioid and benzodiazepine weaning following complicated Norwood palliation in an infant with hypoplastic left heart syndrome.

Internal Grand Rounds

1. Department of Anesthesiology; Nashville, Tennessee. 2007 Sep; Morbidity and Mortality Conference.
2. Franklin, Andrew. Department of Anesthesiology Grand Rounds. Vanderbilt University Medical Center; Nashville, Tennessee. 2013 Aug 16; Management of Refractory Pediatric Complex Regional Pain Syndrome.

External Grand Rounds

1. Franklin, Andrew. Department of Orthopedic Surgery Grand Rounds. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2013 Feb 18; Pediatric Pain Management and Orthopedic Surgery.
2. Franklin, Andrew. Department of Pediatric Surgery Grand Rounds. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2014 Feb 5; Pediatric Pain Management and Pediatric Surgery.
3. Franklin, Andrew. Combined Pediatric Surgery and Pediatric Gastroenterology Morbidity and Mortality Conference. Vanderbilt Children's Hospital; Nashville, Tennessee. 2014 Mar 27; Surgical Morbidity and Mortality Conference, Pediatric Pain Management.
4. Franklin, Andrew. Department of Pediatric Urology Grand Rounds. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2016 Jan 13; Pediatric Pain Management and Urologic Surgery.

Workshop

1. Franklin, Andrew. Ultrasound Workshop. Northwest Anesthesia Seminars; Nashville, Tennessee. 2012 May 16; Ultrasound Guided Regional Anesthesia Workshop.
2. Franklin, Andrew. Ultrasound Workshop. Northwest Anesthesia Seminars; Branson, Missouri. 2013 Jul 10; Ultrasound guided Regional Anesthesia and Vascular Access Workshop.

Presentations at Scientific Meetings

1. Franklin A, Easdown, LJ. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; Orlando, Florida. 2008 Oct; Medically Challenging Cases: Anesthetic Considerations in a Patient with Tropical Spastic Paraparesis.
2. Franklin A, Hyman S. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; Orlando, Florida. 2008 Oct; Medically Challenging Case: Surgical Management of an Extensive Morel-Lavalle Lesion in a 300 Pound Tornado Victim.
3. Austin, T. Franklin, A. Society of Pediatric Anesthesia Annual Meeting; Tampa, Florida. 2012 Feb; The Use of a Continuous Peripheral Nerve Catheter and Elastomeric Infusion Pump to Successfully Facilitate Outpatient Rehabilitation in a Seven-Year Old Child with Refractory Upper Extremity Complex Regional Pain Syndrome.
4. Franklin, A. Hays, S. Society of Pediatric Anesthesia Annual Meeting. Tampa, Florida. 2012 Feb; Management of a Thoracic Cerebrospinal Fluid Cutaneous Fistula in a Two-Year-Old Child with a Thoracic Epidural Blood Patch.
5. Lam, H. Franklin, A. Society of Pediatric Anesthesia Annual Meeting; Tampa, Florida. 2012 Feb; Regional Anesthesia in a Pediatric Patient with Osteoporosis Pseudoglioma Undergoing Bilateral Femoral Osteotomies.
6. Lorinc, A. Franklin, A. International Assembly for Pediatric Anesthesia. Society for Pediatric Anesthesia; Washington, District of Columbia. 2012 Oct 12; Malignant Hyperthermia in a Two-Month Old Child with Holt-Oram Syndrome Undergoing Cardiac Surgery.
7. Shelton, J. Franklin, A. Society of Pediatric Anesthesia Winter Meeting. Society of Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 13; Pain Management and Rehabilitation in a Pediatric Patient with Parsonage-Turner Brachial Plexitis.
8. Franklin, A. Lorinc, A. Greene, E. Shotwell, M. Wushensky, C. Society of Pediatric Anesthesia Annual Meeting. Society of Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 14; Evaluation of the Skin to Epidural Space Distance in Young Children using Magnetic Resonance Imaging.
9. Helmer-Sobey, J. Austin, T. Franklin, A. Society of Pediatric Anesthesia Annual Meeting. Society of Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 14; Epidurography During Placement of Thoracic Epidural Catheters in Adolescents Undergoing Minimally Invasive Pectus Excavatum Repair.
10. Shelton, J. Franklin, A. Society of Pediatric Anesthesia Winter Meeting. Society of Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 14; Perioperative Management of a Pediatric Patient with Catecholamine-Induced Cardiomyopathy and Biventricular Assist Devices.
11. Gooden, D. Franklin, A. Society of Pediatric Anesthesia Winter Meeting. Society of Pediatric Anesthesia; Las Vegas, Nevada. 2013 Mar 16; Multimodal Pain Rehabilitation in a Pediatric Patient with Meralgia Paresthetica.