

Curriculum Vitae

Name: Daniel Roke

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Education

08/1984 - 05/1988 B.A. from Saint Michael's College, Winooski, Vermont

06/1990 - 05/1992 Pre-Medical Coursework □ no degree from University of Vermont, Burlington, Vermont

08/1993 - 05/1997 M.D. from University of Vermont College of Medicine, Burlington, Vermont

08/2013 - Present M.B.A. in Business Administration from Owen Graduate School of Management, Vanderbilt University - Nashville, Tennessee

Training

07/1997 - 06/1998 Internship in Transitional Internship from Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, Texas

07/1998 - 06/2000 Residency in Anesthesiology from Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, Texas

07/2000 - 06/2001 Chief Resident in Anesthesiology from Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, Texas

08/2001 - 07/2002 Fellowship in Pediatric Anesthesiology from Children's Hospital Boston, Boston, Massachusetts

Licensure and Certification

10/2002 - 10/2022 Board Certification, Diplomate, The American Board of Anesthesiology United States

09/2008 - 12/2014 Medical License, Tennessee Medical License of Tennessee United States (43972)

10/2013 - 10/2023 Board Certification, Pediatric Anesthesiology through American Board of Anesthesiology United States

Academic Appointments

12/2006 - 09/2008 Assistant Professor of Anesthesiology, Anesthesiology, Wilford Hall Medical Center / Uniformed Services University of the Health Sciences (San Antonio, Texas)

10/2008 - Present Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

08/2002 - 07/2005 Staff Anesthesiologist, Anesthesiology, Wilford Hall Medical Center (San Antonio, Texas)

08/2005 - 09/2008 Staff Anesthesiologist, Anesthesiology, Landstuhl Regional Medical Center (Landstuhl, Air Europe (Military), Germany)

Other Work Experience

06/2006 - 06/2008	Chief, Department of Anesthesia, Anesthesiology, Landstuhl Regional Medical Center (Landstuhl, Air Europe (Military), Germany)
02/2009 - 08/2009	Interim Director of Resident Education, Division of Pediatric Anesthesiology, Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)
09/2009 - 08/2012	Director of Resident Education, Division of Pediatric Anesthesiology, Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)
08/2012 - Present	Medical Director PATCH Clinic, Anesthesiology, Monroe Carell Jr. Children's Hospital at Vanderbilt (Nashville, Tennessee)

Professional Organizations

2008	Burden of Surgical Disease Working Group
2008	American Society of Anesthesiologists
2008	Society for Pediatric Anesthesia
2009	Society for Education in Anesthesia
2010	American Academy of Pediatrics, Fellow - Anesthesiology and Pain Medicine Nov 2010 to Present - Uniformed Services Apr 2012 to Present

Professional Activities

Intramural

08/2009 - 08/2012	Strategic Plan for Education Committee, Anesthesiology, Member
08/2009 - 08/2012	Education Committee, Anesthesiology, Member
11/2009 - 08/2012	Anesthesiology Residency Admissions Committee, Anesthesiology, Member
12/2009 - Present	Perioperative Redesign Committee, Monroe Carell Jr Children's Hospital Perioperative Executive Committee, Committee composed of physicians, nurses, and administrators designed to examine and streamline perioperative patient flow at the Monroe Carell Jr. Children's Hospital at Vanderbilt, Chair
01/2010 - 08/2012	Clinical Competency Committee, Anesthesiology, Member
09/2010 - Present	Health Records Executive Committee, Vanderbilt University Medical Center, Member
10/2010 - 06/2012	Perioperative Informatics Pediatric Integration Committee, Anesthesiology, Integration of pediatric perioperative informatics systems with university wide systems, Member
11/2010 - Present	Kenya Committee, Vanderbilt University and Vanderbilt Institute for Global Health, Integration of multiple academic international health efforts within Vanderbilt, Member
04/2011 - Present	Gas Chart Upgrade Group, Anesthesiology, Member
05/2011 - Present	Clinical Director, Holding Room, Monroe Carell Jr Children's Hospital at Vanderbilt
08/2011 - Present	Children's Transformational Health Care Center Operating Room Committee, Monroe Carell Jr Children's Hospital at Vanderbilt, Group formed by Dr John Brock, Surgeon-in-Chief at Monroe Carell Jr Children's Hospital, designed to seek improvement and innovation across the entirety of the preoperative process, Member
08/2011 - Present	Medical school candidate interviewer, Vanderbilt University School of Medicine
10/2011 - Present	Faculty Affiliate Advisor, Vanderbilt University School of Medicine, Faculty advisor for medical students in the Chapman College
12/2011 - Present	Perioperative Data Systems Research Group, Anesthesiology, VPIMS database analysis, Member
06/2012 - Present	Perioperative Informatics Steering Committee, Vanderbilt University Medical Center, Member

Extramural

10/2009 - Present	Society for Pediatric Anesthesia Education Committee, Society for Pediatric Anesthesia, Assisted in development of agenda/lecture ideas for future SPA meetings, Member
10/2009 - Present	Society for Pediatric Anesthesia Enduring Materials Subcommittee, Society for Pediatric Anesthesia, Assisted in implementation of online CME materials
08/2010 - 08/2010	PBLD Case Reviewer, Society for Pediatric Anesthesia, PBLD Case Reviewer
07/2011 - 07/2011	PBLD Case Reviewer, Society for Pediatric Anesthesia, PBLD Case Reviewer
11/2011 - Present	Pediatric Anesthesiology Examination Development Committee, American Board of Anesthesiology, Question writer for subspecialty certification examination in pediatric anesthesiology, Member

07/2012 - 07/2012	PBLD Case Reviewer, Society for Pediatric Anesthesia, Reviewer
01/2013 - Present	Reviewer for Pediatric Anesthesia
08/2013 - 08/2013	PBLD Case Reviewer, Society for Pediatric Anesthesia, PBLD Case Reviewer
01/2014 - 01/2014	PBLD Case Reviewer, Society for Pediatric Anesthesia, PBLD Case Reviewer
01/2014 - 01/2014	Nominations Committee, American Academy of Pediatrics, For the Section on Anesthesiology and Pain Medicine, Nominations Committee member

Teaching Activities

10/2008 - Present	Instructor, Nashville, TN, Supervised anesthesiology residents and fellows in pediatric anesthesiology
07/2009 - 07/2009	Pediatric Blood Transfusion, Instructor
07/2009 - 07/2009	Postoperative Nausea and Vomiting, Instructor
08/2009 - 08/2009	Temperature Homeostasis, Instructor
08/2009 - 08/2009	Orientation, Instructor
08/2009 - 08/2009	Respiratory infection, Instructor
09/2009 - 09/2009	Review Q&A, Instructor
09/2009 - 09/2009	Pediatric Perioperative Issues, Instructor
09/2009 - 09/2009	Orientation, Instructor
09/2009 - 09/2009	Pediatric Blood Transfusion, Instructor
10/2009 - 10/2009	Temperature Homeostasis, Instructor
10/2009 - 10/2009	Mock Oral Boards, Examiner
10/2009 - 10/2009	Respiratory Infection, Instructor
11/2009 - 11/2009	Review Q&A 2, Instructor
11/2009 - 11/2009	Review Q&A 1, Instructor
11/2009 - 11/2009	Orientation, Instructor
12/2009 - 12/2009	Case Conference with Dr Volney, Moderator
12/2009 - 12/2009	Case Conference with Dr O'Donnell, Moderator
12/2009 - 12/2009	Case Conference with Dr Schnepfer, Moderator
12/2009 - 12/2009	Case Conference with Dr Badger, Moderator
12/2009 - 12/2009	Orientation, Instructor
01/2010 - 01/2010	Case Conference with Dr Belous, Moderator
01/2010 - 01/2010	Orientation, Instructor
01/2010 - 01/2010	Case Conference with Dr McIlrath, Moderator
01/2010 - 01/2010	Temperature Homeostasis, Instructor
02/2010 - 02/2010	Case Conference with Dr Tomlinson, Moderator
02/2010 - 02/2010	Orientation, Instructor
02/2010 - 02/2010	Respiratory Infection, Instructor
02/2010 - 02/2010	Case Conference with Dr Messenger, Moderator
02/2010 - 02/2010	Case Conference with Dr Chang, Moderator
03/2010 - 03/2010	Review Q&A 1, Instructor
03/2010 - 03/2010	Case Conference with Dr Hobgood, Moderator
03/2010 - 03/2010	Review Q&A 2, Instructor
03/2010 - 03/2010	Pediatric Blood Transfusion, Instructor
03/2010 - 03/2010	Case Conference with Dr Korzyniowski, Moderator
03/2010 - 03/2010	Case Conference with Dr Isaak, Moderator
03/2010 - 05/2010	Mock Oral Boards, Examiner
04/2010 - 04/2010	Resident Debate - RSI for Pyloric Stenosis, Moderator
04/2010 - 04/2010	Pediatric Blood Transfusion, Instructor
04/2010 - 04/2010	Orientation, Instructor
04/2010 - 04/2010	Case Conference with Dr Lam, Moderator
04/2010 - 04/2010	Temperature Homeostasis, Moderator
05/2010 - 05/2010	Orientation, Instructor

05/2010 - 05/2010	Case Conference with Dr Hemachandra, Moderator
05/2010 - 05/2010	Case Conference with Dr Perkerson, Moderator
06/2010 - 06/2010	Orientation, Instructor
06/2010 - 06/2010	Case Conference with Dr Tucker, Moderator
06/2010 - 06/2010	Resident Debate - Child with URI, Moderator
06/2010 - 06/2010	Core Lecture on Respiratory Physiology, Instructor
06/2010 - 06/2010	Core Lecture on Respiratory Physiology, Instructor
07/2010 - 07/2010	Case Conference with Dr Schlesinger, Moderator
07/2010 - 07/2010	Case Conference with Dr Campbell, Moderator
07/2010 - 07/2010	Case Conference with Dr Francisco, Moderator
08/2010 - 07/2010	Case Conference with Dr Greening, Moderator
08/2010 - 07/2010	Orientation, Instructor
08/2010 - 08/2010	Case Conference with Dr Turner, Moderator
08/2010 - 08/2010	Case Conference with Dr Preece, Moderator
09/2010 - 09/2010	Case Conference with Dr Bennett, Moderator
09/2010 - 09/2010	Case Conference with Dr Thomas, Moderator
09/2010 - 09/2010	Temperature Homeostasis, Instructor
09/2010 - 09/2010	Orientation, Instructor
10/2010 - 10/2010	Perioperative Efficiency, Instructor
10/2010 - 10/2010	Case Conference with Dr Wright, Moderator
10/2010 - 10/2010	Case Conference with Dr Menser, Moderator
10/2010 - 10/2010	Case Conference with Dr Bouvier, Moderator
10/2010 - 10/2010	Orientation, Instructor
11/2010 - 11/2010	Case Conference with Dr Lazarus, Moderator
11/2010 - 11/2010	Case Conference with Dr Smith, Moderator
11/2010 - 11/2010	Case Conference with Dr Martin, Moderator
11/2010 - 11/2010	Orientation, Instructor
12/2010 - 12/2010	Case Conference with Dr Tomlinson, Moderator
12/2010 - 12/2010	Case Conference with Dr Greening, Moderator
12/2010 - 12/2010	Case Conference with Dr Perkerson, Moderator
12/2010 - 12/2010	Case Conference with Dr Vakey, Moderator
12/2010 - 12/2010	Orientation, Instructor
01/2011 - 01/2011	Case Conference with Dr Lehmann, Moderator
01/2011 - 01/2011	Case Conference with Dr Bennett, Moderator
01/2011 - 01/2011	Orientation, Instructor
01/2011 - 01/2011	Case Conference with Dr Campbell, Moderator
02/2011 - 02/2011	Case Conference with Dr Ghiassi, Moderator
02/2011 - 02/2011	Orientation, Instructor
02/2011 - 02/2011	Case Conference with Dr Schlesinger, Moderator
03/2011 - 03/2011	Case Conference with Dr Brockway, Moderator
03/2011 - 03/2011	Case Conference with Dr Hobgood, Moderator
03/2011 - 03/2011	Case Conference with Dr Adams, Moderator
03/2011 - 03/2011	Case Conference with Dr Ollis, Moderator
04/2011 - 04/2011	Orientation, Instructor
04/2011 - 04/2011	Case Conference with Dr Preece, Moderator
04/2011 - 04/2011	Case Conference with Dr Reynolds, Moderator
05/2011 - 05/2011	Mock Oral Boards, Examiner
05/2011 - 05/2011	Case Conference with Dr Bennett, Moderator
05/2011 - 05/2011	Case Conference with Dr Smith, Moderator
05/2011 - 05/2011	Orientation, Instructor
05/2011 - 05/2011	Case Conference with Dr Rowan, Moderator
06/2011 - 06/2011	Case Conference with Dr Martin, Moderator
06/2011 - 06/2011	Orientation, Instructor
06/2011 - 06/2011	

	Core Lecture on Respiratory Physiology, Instructor
06/2011 - 06/2011	Case Conference with Dr Kimball, Moderator
07/2011 - 07/2011	Case Conference with Dr Barron, Moderator, VCH, Child with Down Syndrome
07/2011 - 07/2011	Case Conference with Dr Maziad, Moderator, Child with Pierre Robin and PDA
08/2011 - 08/2011	Case Conference with Dr Hurlburt, Moderator, Emergence delirium
08/2011 - 08/2011	Mock Oral Boards, Examiner
08/2011 - 08/2011	Orientation, Instructor
08/2011 - 08/2011	Case Conference with Dr Buehler, Moderator, Post-tonsillectomy hemorrhage
08/2011 - 08/2011	Orientation, Instructor
09/2011 - 09/2011	Case Conference with Dr Lind, Moderator, Cleft palate with difficult postoperative airway management
09/2011 - 09/2011	Direct Laryngoscopy and Bronchoscopy, Instructor
09/2011 - 09/2011	Orientation, Instructor
10/2011 - 10/2011	Case Conference with Dr King, Moderator, Traumatic Brain Injury
10/2011 - 10/2011	Orientation, Instructor
11/2011 - 11/2011	Case Conference with Dr Doiron, Moderator, Organ Donation
11/2011 - 11/2011	Orientation, Instructor
12/2011 - 08/2011	Mock Oral Boards, Examiner
12/2011 - 12/2011	Case Conference with Dr Smith, Moderator, Venous air embolism
12/2011 - 12/2011	Case Conference with Dr Alvis, Moderator, Anesthesia machine malfunction
12/2011 - 12/2011	Case Conference with Dr Cropsey, Moderator, Neonatal bowel perforation
12/2011 - 12/2011	Orientation, Instructor
12/2011 - 12/2011	Case Conference with Dr Kiefer, Moderator, Pediatric hypertension
01/2012 - 01/2012	Orientation, Instructor
01/2012 - 01/2012	Peripheral IV placement, Instructor
01/2012 - 01/2012	Pediatric Blood Transfusion, Instructor
02/2012 - 02/2012	Case Conference with Dr Sobey, Moderator, Tension pneumothorax
02/2012 - 02/2012	Orientation, Instructor
02/2012 - 02/2012	Case Conference with Dr Jones, Moderator, Airway foreign object
03/2012 - 03/2012	Orientation, Instructor
03/2012 - 03/2012	Case Conference with Dr Faust, Moderator, Difficult airway in ED
03/2012 - 03/2012	Case Conference with Dr Kiefer, Moderator, Positive test dose with caudal
04/2012 - 04/2012	Orientation, Instructor
04/2012 - 04/2012	Case Conference with Dr Adams, Moderator, Pyloric Stenosis
05/2012 - 05/2012	Case Conference with Dr Ghiassi, Moderator, Blood transfusion in pediatric patients
05/2012 - 05/2012	Orientation, Instructor
05/2012 - 05/2012	Peripheral IV Placement, Instructor
05/2012 - 05/2012	Case Conference with Dr Hambright, Moderator, Tonsillectomy in adolescent with obstructive sleep apnea
06/2012 - 06/2012	Orientation, Instructor
06/2012 - 06/2012	Case Conference with Dr Alvis, Moderator, Pulmonary hypertension
07/2012 - 07/2012	Orientation, Instructor
07/2012 - 07/2012	Orientation, Instructor
07/2012 - 07/2012	Case Conference with Dr Misulia, Moderator, Pyloric stenosis
09/2012 - 09/2012	Mock Oral Board Examination, Examiner
10/2012 - 10/2012	Postoperative Nausea and Vomiting, Instructor
11/2012 - 11/2012	Respiratory Infection, Instructor
01/2013 - 01/2013	Respiratory Infection, Instructor
03/2013 - 03/2013	Temperature Homeostasis, Instructor
05/2013 - 05/2013	Mock Oral Board Examination, Examiner
05/2013 - 05/2013	Respiratory Infection, Instructor
07/2013 - 05/2013	Temperature Homeostasis, Instructor
09/2013 - 2013	Mock Oral Board Examination, Examiner
09/2013 - 09/2013	Respiratory Infection, Instructor

12/2013 - 12/2013	Pediatric Neurologic Disease, Lecturer
12/2013 - 12/2013	Pediatric Neuroanesthesia, Lecturer
01/2014 - 01/2014	Preoperative Considerations for Pediatric Neurosurgery, Lecturer

Research Supervision / Mentorship

07/2009 - 06/2010	Elisabeth Lee Vanderbilt University. (Resident, General Mentorship)
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Other Significant Activities

03/2001	Pediatric Orthopedic Humanitarian Mission, Tegucigalpa, Honduras: Anesthesiology Resident
08/2003	Pediatric Orthopedic Humanitarian Mission, Tegucigalpa, Honduras: Pediatric Anesthesiologist
01/2004	Pediatric Ophthalmologic Humanitarian Mission, Juticalpa, Honduras: Pediatric Anesthesiologist
06/2004	Operation Iraqi Freedom, 407th Expeditionary Medical Group, Tallil Air Base, Iraq: Solo Anesthesiologist at Air Force Field Hospital June □ September 2004
09/2007	Site Assessment Visit, Incirlik Air Force Base, Turkey: Reviewed performance of Turkish civilian anesthesiologist and evaluated available military and civilian surgical and anesthetic facilities for use by active duty airmen and family members
02/2008	Operation Nomad Fire, Cotonou, Benin and Kigali, Rwanda: Mobile Field Surgical Team Chief Surgical support of President Bush's trip to Africa Led 9 person team consisting of physicians, nurses, and technicians in planning, transporting, and establishing field operating room
04/2009	Vanderbilt University Department of Anesthesiology Leadership Development Program: Vanderbilt University Nashville, Tennessee
03/2010	Society for Education in Anesthesia Workshop on Teaching: Raleigh, North Carolina
05/2010	Lean Healthcare Conference: Belmont University Nashville, Tennessee
09/2011	Operations Research for Surgical Services Course by Franklin Dexter MD, PhD: Course on perioperative operations management
02/2012	General Surgery Mission Trip with Vanderbilt University and the Shalom Foundation: 10 day General Surgery trip to Guatemala, 66 cases total for team
06/2012	Promoting Professionalism and Accountability: Dealing with Behaviors that Undermine a Culture of Safety: 1.5 day course at Vanderbilt University run by Dr Gerald Hickson

Honors / Awards

09/1996	Alpha Omega Alpha Honor Medical Society, University of Vermont College of Medicine, Burlington, VT
05/1997	Dr. John E. Mazuzan, Jr. Award for Excellence in Anesthesiology, University of Vermont College of Medicine, Burlington VT
07/2001	Chief Resident, Wilford Hall Medical Center Department of Anesthesiology
07/2002	Neuroanesthesia Fellow Award, Children's Hospital Boston, Boston, MA
08/2004	Republic of Korea Support Group Certificate of Appreciation, Colonel Seong Woo Park, From Colonel Seong Woo Park, Commander Republic of Korea Support Group in Iraq for role in Korean humanitarian effort with Iraqi children. 407th Expeditionary Group, Tallil, Iraq
08/2005	Air Force Meritorious Service Medal, Lackland Air Force Base, San Antonio, TX
09/2008	Air Force Meritorious Service Medal, Landstuhl Regional Medical Center, Landstuhl, Germany
06/2010	Golden Apple Teaching Award, Department of Anesthesiology, Vanderbilt University, Nashville, TN
08/2010	Academic Achievement Award, Department of Anesthesiology, Vanderbilt University Medical Center, Nashville, TN
08/2011	Academic Achievement Award, Department of Anesthesiology, Vanderbilt University Medical Center, Nashville, TN
08/2012	Academic Achievement Award, Department of Anesthesiology, Vanderbilt University Medical Center, Nashville, TN

Publications

Non-Peer Reviewed Publications

Book Chapters

1. **Roke, Daniel.** Documentation and Parental Instructions for Pediatric Sedation. Editors: J.
2. Daniel Roke MD, John Algren MD. Cystic Fibrosis Chapter in Essence of Anesthesia, 3rd Edition . Elsevier; 2011.

Presentations

Presentations at Scientific Meetings

1. Europe Regional Medical Command Medical-Surgical Conference. Baden Baden, Germany. 2007 Mar; Perioperative Renal Failure.
2. Menser C, Roke D. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Diego, California. 2010 Oct; Anesthetic Challenges in a Pediatric Patient with Goldenhar Syndrome.

Workshop

1. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2009 Oct; Management of the Difficult Pediatric Airway: Practical Tools Workshop.
2. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Diego, California. 2010 Oct; Workshop on Flexible Endoscopy for Lung Isolation.
3. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; Washington, DC, Dist. Of Col.. 2012 Oct; Workshop on Flexible Endoscopy for Lung Isolation.

Invited Presentation - Local

1. Daniel Roke. Monroe Carell Jr Children's Hospital Preoperative Holding Room; Nashville, Tennessee. 2011 Apr 27; Perioperative Respiratory Events.

Invited Presentation - Regional

1. American Society of Anesthesia Technologists and Technicians Region 3 Education Seminar. American Society of Anesthesia Technologists and Technicians, Vanderbilt University; Nashville, Tennessee. 2010 Apr 24; Pediatric Anesthesia for Anesthesia Technicians.
2. Vanderbilt Critical Skills Summit. Nashville, Tennessee. 2010 May 21; Pediatric Airway Management.

Invited Presentation - National

1. Daniel Roke. American Academy of Clinical Directors Annual Meeting. American Academy of Clinical Directors; Huntington Beach, California. 2011 Mar; You Can Improve Processes in the OR.
2. Daniel Roke. Society for Pediatric Anesthesia Winter Meeting. Society for Pediatric Anesthesia / American Academy of Pediatrics; San Diego, California. 2011 Apr; Perioperative Management of Diabetes Mellitus.

Other

1. European Regional Medical Command Medical-Surgical Conference. Baden Baden, Germany. 2007 Mar; Anesthesia Track Coordinator for European Regional Medical Command Medical-Surgical Conference.
2. Daniel Roke. American Association of Clinical Directors Annual Meeting. American Association of Clinical Directors; Huntington Beach, California. 2011 Mar; Improvement in On Time First Case Starts From 40% to 70% at a Pediatric Hospital.
3. Ryan Tomlinson, Jane Easdown, Arna Banerjee, Daniel Roke. Society for Education in Anesthesia Spring Annual Meeting. Society for Education in Anesthesia; San Antonio, Texas. 2011 Jun; Simulation for the Developing World.

Medically Challenging Cases

1. Daniel Roke. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Diego, California. 2010 Oct; Vein of Galen Aneurysmal Malformation.