

# Curriculum Vitae

Name: Shannon Robert Kilkelly  
Office Phone: 615-343-9419  
Office Fax: 615-936-6493  
Office Address: 1301 Medical Center Drive; 4648 TVC  
Nashville Tennessee, 37232-5614  
Work Email: shannon.kilkelly@Vanderbilt.Edu

## Education

08/1990 - 05/1994 B.S. in Exercise Physiology from Wake Forest University, Winston-Salem, NC  
08/1997 - 05/2001 D.O. in Osteopathic Medicine from Midwestern University, Glendale AZ

## Training

07/2001 - 06/2005 Residency in Anesthesiology from Vanderbilt University Medical Center, Nashville, TN

## Licensure and Certification

N/A Boards, American Board of Anesthesiology. April 2006  
06/1990 - 06/1994 Medical, Emergency Medical Technician by the State of Wisconsin  
06/1993 - Present Medical, Advanced Cardiac Life Support.  
08/2003 - Present Medical License, State of Tennessee License of Tennessee United States (DO1573)  
06/2007 - 06/2020 Medical, Advanced Trauma Life Support (30993)

## Academic Appointments

08/2005 - Present Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

## Hospital Appointments

02/2007 - Present Medical Director, Acute Operative Services, Vanderbilt University Medical Center (Nashville, Tennessee)  
05/2012 - Present Adjunct Faculty, Interservice Physician Assistant Program Academy of Health Sciences, US Army, Academy of Health Sciences Graduate School (Fort Sam Houston, Texas)

## Other Work Experience

06/1990 - 06/1994 Emergency Medical Technician, City of Monona, WI and Paratech Ambulance Service (Milwaukee, Wisconsin)  
06/1994 - 01/1995 Territory Representative, Wyeth-Ayerst Pharmaceuticals (Hickory, North Carolina)  
09/1995 - 05/1997 Cardiac Stress Technologist, Wake Forest University Hospital (Winston-Salem, North Carolina)  
10/2003 - 08/2005 House Officer, Anesthesiology, Southern Hills Medical Center (Nashville, Tennessee)

## Professional Organizations

American Society of Anesthesiologists  
Tennessee Society of Anesthesiologists  
American Osteopathic Association  
Tennessee Medical Association

## Professional Activities

## **Intramural**

N/A	Anesthesiology Residency Admissions Committee, Vanderbilt University School of Medicine, Member
06/2003 - 06/2005	Vanderbilt Housestaff Advisory Council, Vanderbilt University School of Medicine, Departmental Representative
09/2006 - Present	Clinical Competency Committee., Vanderbilt University Medical Center, Member
09/2012 - Present	Interdisciplinary Committee for Process Improvement in Trauma Care, Surgery, The committee is comprised of physicians in Anesthesiology, EM, Trauma Surgery, Othopaedics, and Radiology. We meet monthly to evaluate the quality of care delivered in selected trauma cases.

## **Teaching Activities**

07/2005 - Present	Airway Management in the Austere Environment
07/2005 - Present	Regional Anesthesia Techniques for the combat medic
01/2008 - 01/2008	Acid - Base Management of the Critically Ill Patient, This was a three part lecture concerning the assessment of acid-base status and therapeutic intervention for common acid-base disorders in the ICU.
03/2008 - Present	Mock Oral Board Examiner
04/2009 - 2009	Transfusion Therapy in the Perioperative Period
07/2009 - 2009	Clinical determination of Preload Status in the Perioperative period, Lecturer, VUMC
08/2009 - 08/2009	Crystalloid and Colloid Therapy in the Perioperative Period, Instructor
02/2010 - 02/2010	Understanding Intraoperative Blood Salvage Techniques, Instructor
04/2010 - 04/2010	Procedural Sedation Techniques, Instructor
04/2010 - 06/2010	Urgent and Emergent Airway Management Techniques, Instructor, This is a three part lecture series delivered to rising CA-2 and CA-3 residents to help prepare them to manage airway calls to the floor and ICU.
07/2010 - 07/2010	Biannual Ultrasound in Regional Anesthesia Workshop, Instructor, University of Texas – Houston. Houston TX
08/2010 - 2010	Department of Surgery Lecture series: Pharmacologic adjuncts to Airway Management in the Surgical Patient, Instructor, VUMC
08/2011 - 11/2011	Principles of Mechanical Ventilation, Instructor
11/2011 - 02/2012	Local anesthetics and regional anesthesia
11/2011 - 02/2012	Conscious Sedation: Prevention, Recognition, and Management of Common Complications
03/2012 - 03/2012	Patient selection for General Anesthesia in the Outpatient setting
03/2012 - 05/2012	Principles of Mechanical Ventilation, Parts 1 - 3
07/2012 - 07/2012	Common Airway problems in the outpatient setting
08/2012 - 08/2013	Course Director - Anesthesia for Plastic Surgery
10/2012 - 10/2012	Anesthesia and Co-morbid conditions I
02/2013 - 02/2013	Anesthesia and Co-Morbid conditions II

## **Research Supervision / Mentorship**

07/2007 - Present	Justin Sandall, D.O. Vanderbilt University Medical Center. (Faculty, General Mentorship)
07/2012 - 06/2015	Justin Richards, M.D. (Faculty, Clinical)

## **Other Significant Activities**

04/2012	Associate Director of Quality, Morbidity and Mortality Improvement: Evaluation of M&M events as well as near miss events. To date, have identified and implemented PI in PACU / Attending communication, identification of the patient with a difficult airway, and PCEA on the L & D unit.
09/2012	Moderator, MSA Case Conference: Monthly conference consisting of a one hour presentation of a challenging case and related discussion.
10/2012	Site Reviewer for the ASA Closed Claims Project: Chart review and data collection for the Closed Claims Project.
07/2014	Quarterly QMM&I Newsletter: Newsletter published quarterly containing information related to trends in M&M reports from the preceeding quarter.

01/2015	ABA Part Two Examiner: Administration and scoring of oral and practical examinations given to physicians seeking certification by the American Board of Anesthesiology
04/2016	Tennessee Board of Osteopathic Examination: One of five Board members responsible for adjudicating complaints against the licenses of osteopathic physicians in Tennessee. Also responsible for advising the Governor on matters of legislation relating to the practice of medicine in Tennessee.
05/2016	Instructor, Advanced Trauma Life Support: I give didactic and practical instruction in resuscitation medicine to candidates seeking certification in the American College of Surgeons Advance Trauma Life Support program.

## Honors / Awards

03/2007	Perioperative Innovation, Perioperative Innovation Center, Biannual award for excellence in perioperative innovation.
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## Publications

### Non-Peer Reviewed Publications

#### Others

1. **Kilkelly SR**, Lottenberg L, Rice MJ. Comment on Thromboelastography and Rotational Thromboelastometry for Trauma Induced Coagulopathy in Adult Trauma Patients with Bleeding. . 2015 May.
2. **Kilkelly SR**, McEvoy MJ. Review of Barash's Clinical Anesthesia Fundamentals. 2016 May.

#### Book Chapters

1. **Kilkelly SR**. Emergency Surgery in the Patient Taking Warfarin or Low Molecular Weight Heparin. Perioperative Advanced Life Support. Editors: Matt McEvoy. Oxford University Press.

## Presentations

### Visiting Professor

1. Medical University of South Carolina; Charleston, South Carolina. 2015 Dec 10; Traumatic Pericardial Tamponade.
2. University of Kentucky; Lexington, Kentucky. 2016 Apr 12; Use of Prothrombin Complex Concentrates in Trauma.

### External Grand Rounds

1. Maury Regional Medical Center; Columbia, Tennessee. 2015 Mar 26; Mechanics of Creating and Managing a Quality Improvement Program.
2. Maury Regional Medical Center; Columbia, Tennessee. 2015 Apr 12; Establishing and Maintaining a Quality Improvement Program for Anesthetic Practice.
3. Harton Regional Medical Center; Tullahoma, Tennessee. 2015 Jun 16; Perioperative Management of Patients Undergoing TEVAR.
4. Medical University of South Carolina; Charleston, South Carolina. 2015 Dec 11; Common Intraoperative Emergencies.
5. University of North Carolina at Chapel Hill; Chapel Hill, North Carolina. 2016 Jan 12; Critical Event Management: What Works, What Doesn't, and Why we Hesitate to Act.
6. University of Kentucky; Lexington, Kentucky. 2016 Apr 13; Crisis Management in Anesthesia.

### Presentations at Scientific Meetings

1. Association of Anesthesia Clinical Directors. Nashville, Tennessee. 2014 Apr 12; Getting on the Radar: Tracking and Managing Non-Routine Events.
2. American Association of Clinical Directors. Las Vegas, Nevada. 2015 Mar 13; After the Event: Techniques for Debriefing Team Members.

### Internal Grand Rounds

1. VUMC; Nashville, Tennessee. 2013 Jul 26; Intraoperative Cardiac Arrest.
2. VUMC; Nashville, Tennessee. 2014 Jan 24; Autonomic Imbalance.
3. VUMC; Nashville, Tennessee. 2014 Jul 26; Traumatic Cardiac Tamponade.
4. VUMC; Nashville, Tennessee. 2015 Jan 30; Emergency Interventions in Anesthetic Practice.

**Invited Presentation - Regional**

1. Southern Tennessee Medical Center; Winchester, Tennessee. 2006 Jul 10; Perioperative Beta Blockade.
2. Southern Tennessee Medical Center; Winchester, Tennessee. 2006 Nov 10; Perioperative Management of Sleep Apnea.

**Other**

1. Kara Siegrist, MD. ASA. ASA; 2013 Oct 16; Profound bronchospasm following an intubating dose of succinylcholine.