Curriculum Vitae

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Education

08/1992 - 05/1996	B.S. in Biology from Duke University, Durham, NC
06/1996 - 07/1998	M.A. in Teaching from University of Portland, Portland, OR
06/2000 - 05/2004	M.D. in Medicine from Louisiana State University Health Sciences Center, LA United States

Training

07/2004 - 06/2005	Internship in Transitional Medicine and Surgery from Vanderbilt University Medical Center, Nashville, TN
07/2005 - 06/2008	Residency in Anesthesiology from Vanderbilt University Medical Center, Nashville, TN

Licensure and Certification

N/A	Medical, Advanced Cardiac Life Support Certification (ACLS)
N/A	Medical, State of Tennessee Medical License # 41543
N/A	Medical, Basic Life Support Certification (BLS)
N/A	Medical, Pediatric Advanced Life Support (PALS)
05/2009 - 12/2019	ABA Certificate, Diplomate United States

Academic Appointments

07/2008 - Present	Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

07/2008 - Present	Assistant Professor of Clinical Anesthesiology, Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)

Other Work Experience

1996 - 1996	Algebra Instructor, Saint Joseph High School (South Bend, Indiana)
1996 - 1999	Science Dept Chair / Part time Math Instructor, Saint Joseph School (Shreveport, Louisiana)
1996 - 1996	Library Associate, Biddle Music Library (Durham, North Carolina)
1996 - 1996	Ninth Grade Biology Instructor, Saint Joseph High School (South Bend, Indiana)
1998 - 1998	Graduate Teaching Assistant, Education, University of Notre Dame (South Bend, Indiana)
1999 - 2000	Math Power Camp Instructor, Advocates for Math and Science (New Orleans, Louisiana)

08/1999 - 07/2000	WeatherLink Coordinator, Advocates for Math and Science (New Orleans, Louisiana)
05/2001 - 08/2001	Community Health Intern, Area Health Education Center (Houma, Louisiana)

Professional Organizations

2003	American Society of Anesthesiologists, Member
2005	Tennesse Society of Anesthesiologists, member
2009	American Society of Regional Anesthesia, Member
2009	American Society for Regional Anesthesia
2013	Society for Ambulatory Anesthesia

Professional Activities

Intramural

08/2008 - Present	Admissions Committee, Anesthesiology, Interview 4th year medical students for acceptance to Vanderbilt's Anesthesiology residency., member
12/2010 - Present	Supplies and Equipment Committee, Anesthesiology, As Acute Pain Service member, I focus on the ordering of supplies and equipment that are implemented on the Acute Pain Service., member

Teaching Activities

03/2006 - 03/2006	Methamphetamine AAA, Lecturer
01/2007 - 01/2007	Difficult Abdominal Aortic Aneurysm Repair, Lecturer
06/2007 - 06/2007	Airway I - Introduction to the Airway for Anesthesiology Interns, Lecturer
04/2008 - 04/2008	Complications of Massive Transfusion, Lecturer, April 2008 with Dr. Tom Lewis
05/2008 - 05/2008	Occupational Safety Issues for the Anesthesiologist, Lecturer, 5/29/2008
06/2008 - 06/2008	Introduction to the Airway for Anesthesiology Interns, lecturer
06/2008 - 10/2008	Introduction to Blood Transfusion for the CA-1 Resident, Lecturer, June 2008
09/2008 - 10/2008	Trauma Exsanguination Protocol, Lecturer, 9/23/2008 with Dr. Fred O'Donnell
10/2008 - 10/2008	Written Boards Q & A Session, Lecturer, 10/20/2008
10/2008 - 10/2008	Thoracic Anesthesia, Lecturer, 10/15/2008
10/2008 - 10/2008	Written Boards Q & A Session, lecturer, 10/13/2008
11/2008 - 11/2008	Written Boards Q & A Session, Lecturer, 11/10/2008
11/2008 - 12/2008	Anesthetic Considerations of Aortic Stenosis, Co-Lecturer, Co-Lecturer Justin Sandall
12/2008 - 12/2008	Introduction to the Airway 1, Lecturer, 12/11/2008
12/2008 - 12/2008	Introduction to Airway I, lecturer, 12/4/2008
01/2009 - 2009	Mock Anesthesiology Oral Boards, Examiner, Vanderbilt University Medical Center, examined CA-2, CA-3 residents; dates 1/20/2009
01/2009 - 01/2009	Introduction to Blood Transfusion, Lecturer
01/2009 - 01/2009	Written Boards Q & A Session, Lecturer
02/2009 - 02/2009	Written Boards Q & A Session, Lecturer
02/2009 - 05/2009	TURP Syndrome, Lecturer
05/2009 - 05/2009	Written Boards Q & A Session, Lecturer
05/2009 - 05/2009	Positioning in the OR, Lecturer
05/2009 - 05/2009	Blood Transfusions, Co-Lecturer, Co-Lecturer - Korzynowski
05/2009 - 05/2009	Basics of Autonomic Nervous System, Lecturer
05/2009 - 05/2009	PACU/Emergence issues, Lecturer
05/2009 - 05/2009	Written Boards Q & A Session, Lecturer
06/2009 - 06/2009	Introduction to Blood Transfusions, Lecturer
06/2009 - 06/2009	Airway 1, Lecturer
07/2009 - 07/2009	Drugs and the Autonomic Nervous System, Lecturer

07/2009 - 07/2009	Inhalation Anesthetics, Lecturer
08/2009 - 09/2009	Inhalation Anesthetics, Lecturer
09/2009 - 09/2009	Introduction to Blood Transfusions, Lecturer
09/2009 - 09/2009	Airway 1, Lecturer
10/2009 - 02/2009	Local Anesthetics, Lecturer
10/2009 - 10/2009	Airway 1, Lecturer
10/2009 - 10/2009	Blood Transfusions, Lecturer
11/2009 - 11/2009	Succinylcholine Side Effects, Lecturer, Liz Lee - colecturer
11/2009 - 11/2009	IV Anesthetics, Lecturer
11/2009 - 11/2009	Airway 1, Lecturer
12/2009 - 12/2009	IV Anesthetics, Lecturer
01/2010 - 01/2010	Airway 1, Lecturer
02/2010 - 2010	Local Anesthetics, Lecturer
02/2010 - 02/2010	Q/A Board Review, Lecturer
03/2010 - 03/2010	Vaporizers, Lecturer
03/2010 - 03/2010	Local Anesthetics, Lecturer
04/2010 - 04/2010	Local Anesthetics, lecturer
05/2010 - 05/2010	Local Anesthetics, lecturer
08/2010 - 04/2010	Local Anesthetics, lecturer
09/2010 - 04/2010	Airway 1, Lecturer
09/2010 - 09/2010	Airway 1, lecturer
10/2010 - 2010	World Of Anesthesiology podcast: Discussion of "Femoral Nerve Block Improves Analgesia Outcomes after Total Knee Arthroplasty", lecturer, World of Anesthesiology Podcast (http://www.anesthesiapodcast.com). Online discussion of Anesthesiology article entitled "Femoral Nerve BLock Improves Analgesia Outcomes after Total Knee Arthroplasty."
10/2010 - 10/2010	Local Anesthetics, lecturer
10/2010 - 10/2010	Pulmonary Bronchomotor Tone, lecturer
10/2010 - 10/2010	Airway 1, lecturer
10/2010 - 10/2010	Simulator Session, lecturer, Light Hall simulation center
11/2010 - 11/2010	CNS Effects of Inhalational Anesthetics, lecturer
12/2010 - 12/2010	Anticholinergic Pharmacology, lecturer
01/2011 - 01/2011	Q & A Board Review, lecturer
02/2011 - 02/2011	Local Anesthetics, lecturer
03/2011 - 03/2011	Consequences of Mild Intraoperative Hypothermia and Perioperative Thermal Manipulations, lecturer
03/2011 - 03/2011	Temperature Monitoring, lecturer
05/2011 - 2011	Mock Oral Boards, mock examiner, Official Mock Oral with Dr. Daniel Roke. Examined 1 resident - Justin Sandall.
05/2011 - 05/2011	Blood Transfusion Basics, lecturer, Intern Lecture Series
07/2011 - 2011	CA1 Survivor Series: Obstructive Sleep Apnea, co-lecturer, Courtney Ghiassi, Co-Lecturer
07/2011 - 2011	CA1 Survivor Series: Your First Thyroid Anesthetic., co-lecturer, Christopher Sobey, resident co-lecturer
07/2011 - 2011	CA-1 Survivor Series: Open Globe, lecturer, VOR 4
07/2011 - 07/2011	Local Anesthetics, lecturer, TVC 4648, 3rd yr medical student lecture
08/2011 - 2011	Local Anesthetics, lecturer, TVC 4648
08/2011 - 2011	Mock Oral Boards Examiner, mock oral board examiner
08/2011 - 08/2011	Local Anesthetics, lecturer, TVC 4648
08/2011 - 08/2011	CA-1 Survivor Series: Opioid Tolerant Patient, lecturer
08/2011 - 08/2011	Resident SImulation sessions: CA-2 Simulator session, simulation instructor, Light Hall sim center
09/2011 - 09/2011	Local Anesthetic, lecturer, 4648 TVC
09/2011 - 09/2011	Mini MIller lecture series: Opioids and Neuro effects, co-lecturer, with Adam Kingeter CA 1
10/2011 - 10/2011	Local Anesthetics, lecturer
10/2011 - 10/2011	Resident Simulation series: Resident Simulation series, simulation instructor, Light Hall, 10-6-2011

10/2011 - 10/2011	CA-1 Learning Groups, co-lecturer, Pancake Pantry
12/2011 - 12/2011	3rd yr anesthesiology rotation: Local Anesthetics, lecturer, TVC 4648
01/2012 - 01/2012	3rd yr anesthesiology rotation: Volatile Anesthetics, lecturer, TVC 4648
01/2012 - 01/2012	CA-1 Learning Groups: CA-1 Learning Groups, co-lecturer, TC 4648
02/2012 - 2012	Q/A Board Review: Q/A. Keyword - Airway Fire, lecturer, TVC 4648, Brooke Hobgood CA3
02/2012 - 02/2012	3rd yr Anesthesiology rotation: Volatile Anesthetics, lecturer
02/2012 - 02/2012	QA Board Review: Q/A. Keyword - AoX crossclamp, lecturer, Dusty Watson, CA2
02/2012 - 02/2012	3rd yr Anesthesiology rotation: Volatile anesthetics, lecturer, TVC 4648
02/2012 - 05/2012	Lipscomb Premed Series - My Life as a Vanderbilt Anesthesiologist, lecturer, Lipscomb University, Nashville, Invited by Lipscomb University's Premedical Society to discuss my choices to become a physician, specifically a Vanderbilt anesthesiologist.
03/2012 - 03/2012	CA-1 Resident Series: Anesthesia for Orthopedic Surgery (Miller series- Chapter 70), co-lecturer, Light Hall, With Dr. Jessica Quinlan CA -1. Highlights of second half of Miller Ch 70, 6th edition.
04/2012 - 04/2012	Cocaine and Anesthetic Considerations, co-lecturer, Nashville, Evidence Based Anesthesiology lecture series
04/2012 - 04/2012	Volatile Anesthetics, lecturer, Nashville, 3rd year anesthesiology lectures
04/2012 - 05/2012	Does Periop Hyperglycemia pose a risk?, co-lecturer, Evidence Based Anesthesiology lecture series
05/2012 - 05/2012	Case of the Month - Postextubation Hypoxemia, lecturer
07/2012 - 2012	CA1 Survival Series: Basics of thyroidectomy, co-lecturer with Dr. Lind CA3
07/2012 - 07/2012	CA-1 Survival Series: Anesthesia for Orthopedic Surgery, lecturer
07/2012 - 07/2012	CA-1 Survival Series: Anesthesia for Shoulder Surgery, co-lecturer with Dr. Aaron Broman CA2
07/2012 - 07/2012	CA-1 Survival Series: Anesthesia for Burn Surgery, lecturer
07/2012 - 07/2012	3rd yr medical student lecture series: Local Anesthetics, lecturer
09/2012 - 09/2012	Local Anesthetics, lecturer
09/2012 - 09/2012	Local anesthetics, lecturer
11/2012 - 11/2012	Pre Anesthetic Airway Exam, lecturer, VPEC
12/2012 - 2012	Local Anesthetics, lecturer
01/2013 - 01/2013	My life as a Vanderbilt anesthesiologist, lecturer, Lipscomb University
02/2013 - 02/2013	Mock Anesthesiology Oral Boards, Examiner, Light Hall
02/2013 - 02/2013	Local Anesthetics, lecturer
04/2013 - 04/2013	Volatile Anesthetics, lecturer
04/2013 - 04/2013	Opioid Pharmacology, Part 2, lecturer, co lecturer Brandon Lopez CA1
04/2013 - 04/2013	Endocrine Q/A, lecturer
04/2013 - 04/2013	Endocrine Series - The Thyroid, lecturer
04/2013 - 04/2013	IV Anesthetics, lecturer
07/2013 - 07/2013	CA-1 Survival Series: It's just a MAC, right?, co-lecturer, co-lecturer with Dr. Justin Richards CA2
07/2013 - 07/2013	THA/TKA Anesthesia, co-lecturer, Co-lecturer with Dr. Tucker Mudrick CA2
08/2013 - 08/2013	Local Anesthetics for 3rd yr med students, lecturer
08/2013 - 08/2013	Local Anesthetics for 3rd yr med students, lecturer
08/2013 - 08/2013	Pregnant Pt for NON OB Surgery, Co-lecturer, Co-lecturer with Dr. Broman CA3
08/2013 - 08/2013	Regional Anesthesia, lecturer
08/2013 - 08/2013	CA-1 Survival Series: Renal transplant patient, co-lecturer, Co-lecturer with Dr. Reid Phelps CA2
08/2013 - 08/2013	The Opioid Tolerant Pt (part 1), co-lecturer, co-lecturer with Dr. Andrea Westman CA3
08/2013 - 08/2013	Regional Anesthesia, lecturer
09/2013 - 02/2013	Regional Anesthesia, lecturer
09/2013 - 02/2013	PACU Complications, lecturer
09/2013 - 09/2013	Local Anesthetics, lecturer
09/2013 - 09/2013	Mock Anesthesiology Oral Boards, co-examiner, co-examiner with Alex Hughes
09/2013 - 09/2013	Mock Anesthesiology Oral Boards, Co-examiner, Co-examiner with Laura Zeigler
10/2013 - 10/2013	Local Anesthetics, lecturer
10/2013 - 10/2013	Regional Anesthesia, lecturer

11/2013 - 11/2013	Preoperative Evaluation, lecturer, VUMC
11/2013 - 11/2013	Workshop Wednesdays - Brachial Plexus, lecturer
12/2013 - 12/2013	Preoperative Evaluation, lecturer
05/2014 - 05/2014	Regional Anesthesia, lecturer, VUMC
07/2014 - 2014	Regional Anesthesia for 3rd Year Medical Students, lecturer
07/2014 - 2014	CA1 Survival Lecture Series: The Kidney Transplant Recipient, co-lecturer with Dr. Michael Chi CA2
07/2014 - 2014	CA1 Survival Lecture Series: Hypertensive Patients, co-lecturer Dr. Hemauer
07/2014 - 07/2014	CA1 Survival Lecture Series: THA/TKA Anesthesia, lecturer
07/2014 - 07/2014	CA1 Survival Lecture Series: Morbidly Obese / OSA patients, co-lecturer with Dr. Walls CA3
07/2014 - 07/2014	Vanderbilt Summer Academy, mentor, I was paired with a high school student through the Vanderbilt University Summer Academy - a program designed to expose high school students the health professions. (2.5 hours)
08/2014 - 08/2014	CA1 Survival Lecture Series: Pregpant Patient for Nonobstetric Surgery, co-lecturer Dr. Brandon Lopez
08/2014 - 08/2014	Regional Anesthesia for 3rd Year Medical Students, lecturer
09/2014 - 09/2014	IV Induction Agents, lecturer
10/2014 - 2014	Alpha Epsilon Delta Undergraduate Shadowing Program, mentor for shadowing, 7.5 hours shadowing time
10/2014 - 12/2014	Pre-Anesthetic Evaluation, lecturer
11/2014 - 11/2014	Multispecialty Elective Shadowing: All Day Shadowing Experience, faculty shadow mentor, 11/20/2014 Kelly Pekala followed me for 7 hours via the Multispecialty Elective Shadowing
12/2014 - 12/2014	Local Anesthetics for 3rd Year Medical Students, lecturer
12/2014 - 12/2014	Regional Anesthesia for 3rd year Medical Students, lecturer
01/2015 - 01/2015	VMS 3 - Anesthesiology lecture series: PreAnesthetic Evaluation, lecturer
02/2015 - 02/2015	mock examiner, With Dr. Stephen Hays, examined Andrea Westman.
02/2015 - 02/2015	mock examiner, With Alex Hughes, Examined Sara Walls on 2/4/2015
03/2015 - 03/2015	Regional Anesthesia for 3rd year Medical Students, lecturer
03/2015 - 03/2015	Local Anesthetics for 3rd year Medical Students, lecturer
05/2015 - 05/2015	mock examiner, With Dr. Arna Banerjee, examined Tucker Mudrick (CA3) and Jeff Clemmons (CA2).
05/2015 - 05/2015	Inhalation Agents for 3rd year Medical Students, lecturer
05/2015 - 05/2015	With Nahel Saied, examined Tyler Pagel (CA3) and Westman (fellow)
05/2015 - 05/2015	IV Induction Agents for 3rd year Medical Students, lecturer

Research Supervision / Mentorship

2009 - 2010	Allison Greening, M.D. Vanderbilt University Medical Cebter, Current Position: Resident. (Resident, Clinical)
2009 - 2012	Brett Campbell, M.D. Vanderbilt University Medical Center, Current Position: Resident. (Resident, Clinical)
07/2011 - Present	Marc Gutierrez, M.D. Vanderbilt University Medical Center, Current Position: resident. (Resident, General Mentorship)
08/2012 - Present	Brandon Lopez Vanderbilt Univeristy Medical Center. (Resident, Clinical)

Other Significant Activities

07/2011	CA-1 Survival Series: Designed innovative new curriculum for beginning CA-1 residents. Designed as a crash course to give 30 min high yield lectures to the CA-1 residents, in conjunction with a senior resident.
02/2012	Invited Guest Speaker - Medical School Interest Group, Lipscomb University, : Spoke to 15 undergraduates about the medical school application process and my decision to enter anesthesiology. Also discussed my role as an anesthesiologist at an academic medical center.
04/2013	Endocrine Curriculum for the CA1 curriculum: Designed teaching curriculum based on ABA "Endocrine" keywords in preparation for the ABA Written Exam, Part 1. Selected reading assignments and assigned attending anesthesiologists as lecturers.

Publications

Non-Peer Reviewed Publications

Book Chapters

1. Christopher Canlas. Burr Hole chapter in Essence of Anesthesia Practice. Essence of Anesthesia Practice. United States: Saunders; 2011; 3rd edition ISBN: 978-1-4377-1720-4.

Others

1. **Canlas, C**. Scoop II - Survival Guide for LSU Medical Students (2003 Edition). 2003.
2. **Canlas, C**. Anesthesiology Resident Procedure Manual (2005 Edition). 2005.

Presentations

Workshop

1. University of Notre Dame; South Bend, Indiana. 1998; Gender Bias in the Middle School Classroom.
2. University of Notre Dame; South Bend, Indiana. 1998; How to design Hands-on Lessons.
3. University of Notre Dame; South Bend, Indiana. 1998; Incorporating Technology into the Curriculum.
4. Christopher Canlas M.D. Ultrasound Guided Regional Anesthesia. University of Texas - Houston; Houston, Texas. 2011 Jul 31; Advanced Ultrasound techniques workshop.

Internal Grand Rounds

1. Morbidity and Mortality Conference- Vanderbilt University Medical Center; 2006 Mar; Methamphetamine and AAA repair.
2. Morbidity and Mortality Conference- Vanderbilt University Medical Center; 2007 Jan; Difficult Abdominal Aortic Aneurysm Repair.
3. Grand Rounds- Nashville Veterans Affairs Medical Center- Affiliate of Vanderbilt University Medical Center; 2007 Aug; Mornidity and Mortality- Unexpected Pulmonary Hypertension:To treat or not to Treat?.
4. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 21; Perioperative Management of the Obstructive Sleep Apnea Patient.

Medically Challenging Cases

1. Canlas,C., Holroyd, K. ASA Annual Meeting. American Society of Anesthesiology Annual Convention; San Francisco, California. 2007 Oct; Difficult Double Lumen Placement.
2. Canlas, C., Smithson, K., Parmley, C. ASA Annual Meeting. American Society of Anesthesiology Annual Convention; San Francisco, California. 2007 Oct; Gastric Perforation in a Patient with Intracranial Hemorrhage.
3. Canlas, C., Banerjee, A., Waly A. ASA Annual Meeting. American Society of Anesthesiology Annual Convention; San Francisco, California. 2007 Oct; Lung Reperfusion Injury after Minimally Invasive Mitral Valve Repair.
4. Canlas, C., Sripada, R. ASA Annual Meeting. American Society of Anesthesiology Annual Convention; San Francisco, California. 2007 Oct; Asystole During A Difficult Abdominal Aortic Aneurysm Repair.
5. Canlas, C. Banerjee, A., Waly, A. Tennessee Society of Anesthesiology Annual Meeting. TSA; Nashville, Tennessee. 2008 Feb 16; Lung Reperfusion Injury after Minimally Invasive Mitral Valve Repair.
6. Canlas, C., Holroyd, K. Tennessee Society of Anesthesiology Annual Meeting. TSA; Nashville, Tennessee. 2008 Feb 16; Difficult Double Lumen Placement.
7. Campbell, B and Canlas, C. American Society of Anesthesiology Annual Convention. ASA; New Orleans, Louisiana. 2009 Oct 18; Epidural Anesthesia for Open Cholecystecomy in a Patient with Post-Polio Syndrome and Severe Scoliosis.
8. Lee, E. and Canlas, C. American Society of Anesthesiology Annual Convention. ASA; New Orleans, Louisiana. 2009 Oct 19; Outpatient Vocal Cord Surgery in a Post-Polio Syndrome Patient.
9. Sandall, J and C Canlas. ASRA Annual Meeting. American Society of Regional Anesthesia; Las Vegas, Nevada. 2011 May 6; Interscalene Catheter in a Patient With Idiopathic Mast Cell Activation Disorder.
10. Christopher Sobey, M.D. and Christopher Canlas, M.D. ASA Annual Meeting. American Society of Anesthesiologists; Chicago, Illinois. 2011 Oct 18; Previously Undiagnosed Situs Inversus in a Patient with Cholelithiasis.
11. Jay Barron M.D. and Christopher Canlas, M.D. ASA Annual Meeting. American Society of Anesthesiologists; Chicago, Illinois. 2011 Oct 18; Infiltration of a Peripheral IV: A Common, Yet Potentially Serious Complication.

12. Reid Phelps (CA2), Christopher Canlas. 2013 Annual Meeting of American Society of Anesthesiologists. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 14; Lingual Tonsilar Hyperplasia predicts difficult intubation.
13. Dr. Tyler Pagel CA3 and Dr. Christopher Canlas. American Society of Anesthesiologists - Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2014 Oct 13; Dentures on the Larynx: The Story of a Challenging Airway and Foreign Bodies.

Invited Presentation - National

1. Christopher Canlas, M.D. Current Topics in Anesthesia. Northwest Anesthesia Seminars; Memphis, Tennessee. 2012 Mar 11; Ketamine and Clonidine as Multimodal Analgesia Adjuncts.
2. Christopher Canlas, M.D. Current Topics in Anesthesia. Northwest Anesthesia Seminars; Memphis, Tennessee. 2012 Mar 11; NSAIDs and Anticonvulsants as Multimodal Analgesia Adjuncts.
3. Relevent Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 19; Neuraxial/Regional Anesthesia and Anticoagulation.
4. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 19; Considerations for Elderly Patient with Femoral Fracture.
5. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 20; Regional Anesthesia and Neurologic Injury.
6. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 21; Advanced Ultrasound Applications.
7. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Hilton Head, South Carolina. 2013 Sep 21; Ultrasound Guided Regional Anesthesia - Do I need this skill?.
8. Christopher Canlas. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Nashville, Tennessee. 2014 May 18; Perioperative Management of Obstructive Sleep Apnea.
9. Christopher Canlas. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Nashville, Tennessee. 2014 May 18; Multimodal Analgesia - There are (better?) options out there!.
10. Christopher Canlas. Relevant Topics in Anesthesia. Northwest Anesthesia Seminars; Nashville, Tennessee. 2014 May 18; Anesthesia in Remote Locations: Venturing Beyond the Operating Room.

Problem based learning discussion

1. Christopher Canlas, M.D. ASA Annual Meeting. American Society of Anesthesiologists; Chicago, Illinois. 2011 Oct 18; Femoral Neck Fracture in the Geriatric Patient.
2. Annual Meeting of the American Society of Anesthesiologists. ASA; San Francisco, California. 2013 Oct 12; OSA Patient for Ambulatory Shoulder Surgery.
3. Annual Meeting of the American Society of Anesthesiologists. ASA; San Francisco, California. 2013 Oct 13; OSA Patient for Ambulatory Shoulder Surgery.
4. Dr. Christopher Canlas. American Society of Anesthesiologists - Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2014 Oct 11; OSA Patient for Ambulatory Shoulder Surgery.
5. Dr. Christopher Canlas. American Society of Anesthesiologists - Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2014 Oct 13; OSA Patient for Ambulatory Shoulder Surgery.

Presentations at Scientific Meetings

1. Christopher Canlas, L. Jane Easdown. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; Washington DC, District of Columbia. 2012 Oct 1; CA-1 Survival Series - An introductory curriculum for the beginning CA-1 Resident.
2. Chris Canlas. American Society for Regional Anesthesia Spring Annual Meeting. ASRA; Chicago, Illinois. 2014 Apr 5; IS COLOR FLOW DOPPLER AND AGITATED LOCAL ANESTHETIC USEFUL TO VERIFY POPLITEAL SCIATIC NERVE CATHETER TIP PLACEMENT?.

Other

1. Jane Easdown and Chris Canlas. Vanderbilt Education Symposium. Vanderbilt GME; Nashville, Tennessee. 2012 Oct 12; Abstract _"CA1 Survival Series as a Teaching Tool.