As we wrap up another academic year, we embark upon a new path of opportunities as part of Vanderbilt University Medical Center, which has once again been named among the “100 great hospitals in America” by Becker’s Hospital Review.

We, as a department, have been and will continue to be led by our four core values as we face the future of healthcare. Our compassion, creativity, commitment and collaborative efforts will be our guiding principles in the clinical, education and research enterprises.

Each of you demonstrates the 4Cs on a daily basis, evidenced by the stories shared by patients and colleagues. We remain at the forefront of local, national and international headlines as we tackle the challenges facing our complex population. We are engaged in compassionate patient care through pain management as we face the challenges of the opioid epidemic; we are equipping providers who will practice safe anesthesia around the world; we are mentoring young investigators in developing clinical research projects leading to extramural funding. These actions, and countless others, tell our story of compassion, creativity, commitment and collaboration, as seen throughout this issue. The Dr. James Phython Endowed Lectureship in Pediatric Anesthesiology, the Vanderbilt International Anesthesia Dinner and the 12th Annual Research Symposium are some of the key events highlighted in the next few pages.

I close with a message sent recently from a patient's family member to one of our servant leaders:

“
The obvious care and concern you showed us during the carotid artery surgery will be remembered. Your patience in explaining and your compassion for our anxiety were apparent. Thank you so very much for your skill and all the above. We are very grateful and wanted you to hear this from us.

Warren S. Sandberg, MD, PhD

Office of the Chair
1211 21st Avenue South, 722 MAB
Nashville, TN 37212
615-936-1595
www.vandydreamteam.com
@vanderbilt_anes

Phythyon Endowed Lectureship promotes patient safety

Renuka Christoph

The 11th Annual Dr. James Phython Endowed Lectureship in Pediatric Anesthesiology took place May 20, 2016. Patrick J. Guffey, MD, discussed the Anesthesia Incident Reporting System (AIRS), a premier online tool that gathers individual adverse events from anesthesia, pain management and perioperative care to improve patient safety. AIRS, maintained by the Anesthesia Quality Institute (AQL), allows senders to submit reports anonymously. Vice Chair of Faculty Affairs Matt Weinger, MD, serves as vice chair on the board of directors of AQL.

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Dr. James Phython served as a faculty member in the department and was a founding member of the Division of Pediatric Anesthesiology. Family members Sarah Miller, Elizabeth Donner, Marlin Sanders and Madolyn Miller are pictured above.
Department names Brian J. Gelfand, MD, as Associate Vice Chair for Educational Affairs

Amy Nabours

Brian J. Gelfand, MD, has joined the department as Associate Vice Chair for Educational Affairs. Gelfand assumes the role of Residency Program Director from Dr. Matthew McEvoy, who will remain the Vice Chair for Educational Affairs and continue to build on the department's educational efforts for all learner groups. Gelfand has also been appointed Associate Professor of Anesthesiology and will practice clinically in the Division of Cardiothoracic Anesthesiology.

Gelfand comes to Vanderbilt from the University of Florida, where he was Associate Chair for Education and Program Director in the Department of Anesthesiology. He also held academic appointments as Associate Professor of Anesthesiology and Joint Associate Professor of Surgery.

Gelfand received his medical degree from the University of Health Sciences, Chicago Medical School in Chicago, Illinois in 1991. He completed his residency in General Surgery at the Maine Medical Center in Portland, Maine in 1996 and a residency in Anesthesiology at Brigham and Women’s Hospital, Harvard Medical School in Boston, Massachusetts in 2007, followed by a fellowship in Cardiothoracic Anesthesiology at Brigham and Women’s Hospital, Harvard Medical School, which he completed in 2008. In the past, Gelfand has held leadership positions in Anesthesiology with Brigham and Women’s Hospital in Boston and in Surgery with Nassau University Medical Center in East Meadow, New York.

“Dr. Gelfand is an excellent educator, he has a robust vision for the future of anesthesiology education, and, most importantly, he is a strong resident advocate. His vision for the future of residency education and for support of the residency synergizes with that of Dr. McEvoy and departmental leadership. The opportunity to add Brian to the leadership team allows us to pursue even bigger goals in the education realm,” said Warren Sandberg, MD, PhD, chair of the Department of Anesthesiology.

Outside the hospital, Gelfand’s work in the community includes serving as FTX Medical Support for the US Army and ROTC program at the University of Florida, as a Tactical Combat Casualty Course Instructor, and as an Instructor for the National Association of Emergency Medical Technicians (NAEMT).

Grant awarded for neonatal health services research

Dr. Dan France, Research Associate Professor of Anesthesiology and Medicine

Renuka Christoph

Dan France, PhD, MPH, has been awarded a 4-year grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) to research the risks faced by neonates in the perioperative environment, an area where little patient safety research has been conducted.

The rate of adverse events that occur among neonates is eight times higher than that of hospitalized adults. Adverse events are estimated to occur at a rate of 74 events per every 100 NICU patients, with one third being severe events. Neonates are highly vulnerable to adverse events due to their small size, fragility and exceptional sensitivity to environmental stressors.

France seeks to decrease neonatal mortality and morbidity by elucidating the etiology of system failures during perioperative care. The work will apply the construct of the non routine event (NRE), a concept Matt Weinger, MD, adapted from the nuclear power industry and applied to healthcare. A NRE is defined as any event that is perceived by care providers or skilled observers as a deviation from optimal care based on the clinical situation. France will also work with Amanda Lorinc, MD, who has been doing extensive research on handovers from NICU to OR.

The goal of the project is to determine how NREs impact neonatal safety. The research team will utilize stationary and hand-held cameras to record the continuum of perioperative care (i.e., NICU-to-OR, OR-to-NICU) for surgical neonates. Footage, which will be protected and viewed only by the research team, will be used to characterize the nature and severity of NREs occurring during each episode of care. After completing the comprehensive epidemiological study at Vanderbilt, the team will partner with the hospitals participating in the Tennessee Initiative for Perinatal Quality Care (TIPQC) collaborative to conduct practical pilot testing of data collection tools and measures.

THE TEAM:

Dan France, PhD, MPH (PI) – Biomedical Engineer and Patient Safety Researcher
Marty Blakely, MD, MS (Dual PI) – Pediatric Surgeon
Peter Grubb, MD – Neonatologist and Medical Director of the Tennessee Initiative for Perinatal Quality Care (TIPQC)
Jason Slagle, PhD – Industrial/Organization Psychologist and Patient Safety Researcher
Amanda Lorinc, MD – Anesthesiologist
Matt Weinger, MD – Anesthesiologist
Christoph Lehmann, MD – Neonatologist & Informatician

James Gay, MD – Hematology/Oncology; Administrative Data Expert for Pediatrics
Amy Potts, PharmD, BCPP – Clinical Pharmacist
Matt Shotwell, PhD – Biostatistician
John Brock III, MD – Surgeon-in-Chief at Monroe Carell Jr. Children’s Hospital at Vanderbilt
Marlee Crankshaw, DNP, RN, CNML – Director of Neonatal Services
Tamara Wallace, DNP, APRN, NNP-BC – Neonatal Nurse Practitioner, Quality Improvement Specialist for TIPQC
Department faculty/staff shine at Research Symposium

The 12th Annual Research Symposium took place May 6, highlighting the current research of clinical and translational investigators and basic scientists.

Congratulations to this year’s symposium award winners!

- **Charles Bernard Pittinger Prize**
  - Basic Science Research: Brad Grueter, PhD
  - Clinical Translational Research: Josh Billings, MD, MSCI
  - Health Services and Informatics Research: Jon Wanderer, MD, MPhil

- **Roger England Research Award for Excellence in Support of Basic and Clinical Science**
  - Travis Spain

- **Best Oral Presentation**
  - Sujay Kharade, PhD

- **Best Poster Presentation**
  - Liming Luan, PhD

- **The Bradley Smith Mentorship Award**
  - Susan Eagle, MD

*PhD student
Tracy Jackson, MD, presented “The Hardest Pill to Swallow” on chronic pain and opioid addiction at the TEDx Nashville event in April.

Matthew McEvoy, MD, is now a member of the Vanderbilt Academy for Excellence in Teaching and joins members Warren S. Sandberg, MD, PhD, Scott Watkins, MD, Amy Robertson, MD, Jesse Ehrenfeld, MD, Michael Richardson, MD, Jane Easdown, MD, and Michael Pilla.

Andrew Shaw, MB, FRCA, FFICM, FCCM has been invited to edit the 6th edition of Hensley’s Cardiac Anesthesia textbook, along with Dr. Glenn Gravlee and Dr. Karsten Bartels from UC Denver.

Mias Pretorius, MBChB, MSCI, Associate Professor of Anesthesiology and Medicine, has been named Division Chief of Cardiothoracic Anesthesiology.

Dr. Arna Banerjee, MBBS, received the R. Michael Rodriguez Award for Excellence in Teaching at this year’s Faculty Award Ceremony held May 3, 2016. Banerjee was also recently named to the ASAS Ad-Hoc Screen-Based Simulation Committee.

James Berry, MD, has accepted the position of Interim Anesthesia Chief at Mission Hospital in North Carolina.

Josh Billings, MD, MSCI, has been invited to speak at the Anesthesia Grand Rounds at the University of California, San Francisco in August.

Julia Bohannon, PhD, has been endorsed by the VUMC Faculty Research Scholars program and offered a place in the program.

Loren Smith, MD, PhD, received AUAs Margaret Wood Resident Research Award and SOCCA’s Young Investigator Award for her abstract “A Novel Association Between High Density Lipoprotein Levels and the Risk of Acute Kidney Injury After Cardiac Surgery.”

Edward Sherwood, MD, PhD, has been selected to join the AUA Scientific Advisory Board for 2016. The SAB is responsible for planning the scientific program of the AUA Annual Meeting.

Michael Pilla, MD, has been asked to serve as vice chair of the ASA Committee on Problem-Based Learning discussions for the 2017 governance year.

Rajnish Gupta, MD, has been promoted to Associate Professor of Anesthesiology.

Jason Slagle, PhD, has been promoted to Research Associate Professor of Anesthesiology.

Marc Lopez, MD, received approval for FAER funding for his application entitled “The Effects of Perioperative Oxygenation on Endothelial Function,” with Josh Billings, MD, MSCI, as the primary mentor.

Doug Hester, MD, was one of four “poets who heal” who read April 19 at the Williamson County Public Library. “Alternative Medicine: Poets Who Heal” was presented as part of the Vanderbilt University Lectures in the Library series.

Liza Weavind, MBCh, MMHC, FCCM, has been elected to VU School of Medicine Faculty Senate.

Adam King, MD, presented his abstract “Effect of an Enhanced Recovery After Surgery Pathway for Living Donor Nephrectomy Patients,” earning a top 4 rating at the ASER Annual Congress in April.

A one-year grant award of $45,000 from The Vanderbilt Diabetes Research and Training Center was received by Carrie Gruter, PhD, for her Pilot & Feasibility grant proposal entitled “DGAT1 as a central regulator of diet-induced obesity.”

Jesse Ehrenfeld, MD, MPH, co-chaired a panel on medical-school education reform at the Association of Health Care Journalists’ national conference in Cleveland, Ohio on April 9, 2016. He also addressed the conference of health journalists as a member of the American Medical Association’s Board of Trustees. For more information, see http://gradynewsource.uga.edu/blog/2016/05/13/innovation-in-health-education-designing-the-medical-school-of-tomorrow/.

Stephen Bruehl, PhD, served on a panel led by Michael Anastasi, Executive Editor of the Tennessean, discussing “The Culture of Pain Treatment/Pain Medication” at the inaugural Tennessee Pain, Opioids, Problems and Solutions Forum.
Press Coverage

Additional Coverage
(See newsfeed on homepage of website)

Anesthesiology resident (Loren Smith, MD, PhD) lands research awards
Reporter, May 2016

Academy for Excellence in Teaching
Reporter, May 2016

Pretorius named to key Anesthesiology post
Reporter, May 2016

Faculty awards honor clinical, teaching, research excellence
Reporter, May 2016

Vanderbilt Anesthesia broadens global efforts
Reporter, April 2016

VUMC speakers shine at TEDx Nashville symposium
Reporter, April 2016

Report highlights global need for surgical services
Reporter, April 2016

David Edwards, MD, authored OpEd in the Tennessean
April 23, 2016
and was interviewed on WKRN
April 24, 2016

Raj Gupta, MD, interviewed in Anesthesiology News
April 19, 2016
3..2..1 Takeoff
EpicLeap has launched

Renuka Christoph

The planning and prepping are well underway for the launch of EpicLeap, the electronic health record system that will be adopted across most of Vanderbilt, November 1, 2017. EpicLeap, which will be branded as eStar within VUMC, will allow the department full integration with the rest of the institution and opportunities to improve and enhance the patient experience.

Perioperative Informatics is playing a key role in the system conversion, collaborating with the Center for Research and Innovation in Systems Safety (CRISS) to evaluate and understand the end user's experience. CRISS's human factors researchers Russ Beebe and Carrie Reale, MSN, RN-BC, have been conducting field observations in the OR to understand how clinicians utilize GasChart in the real world. The data collected will improve the team's understanding of how end users interact with our current system to allow for optimal configuration of the new system.

“The iterative process of gathering feedback from the end users (providers) is vital for system design enhancements,” states Reale.

Beebe and Reale are part of a VUMC user experience (UX) team that works collaboratively with HealthIT to improve the usability and safety of VUMC systems. The UX team is providing support to the EpicLeap initiative, such as user research, design and usability testing, to help enhance efficiency, effectiveness and satisfaction for end users across the organization.

Shilo Anders, PhD, and Jie Xu, PhD, also with CRISS, are part of the team, as well as Tony Threatt, PhD, and Andrew Meagher from HealthIT.

With eStar, the quality of patient care will improve. Providers can expect better access to patient information across Vanderbilt and will gain electronic access to patient medical records from other medical facilities that use Epic. Additionally, features including online scheduling and the ability to deliver one bill to patients will improve department and institution efficiency and reduce costs.

Our current VPIMS application features will be moved to eStar as much as possible. To better prepare us for eStar implementation, some perioperative workflows will change in advance of November 1, 2017.

The department faculty members appointed as EpicLeap leaders are: Brian Rothman, MD, Core Design Advisor; Warren S. Sandberg, MD, PhD, Steering Committee; and Jonathan P. Wanderer, MD, MPhil, Subject Matter Expert.

Society of Critical Care Anesthesiologists Annual Meeting
San Francisco, CA

Jennifer Elia, MD, Matthew Hulse, MD, Sid Dave, MD, Loren Smith, MD, PhD, Patrick McConville, MD, MBA

“I would like to highlight the efforts of our residents, fellows and faculty at the most recent Society of Critical Care Anesthesiologists 29th annual meeting in San Francisco. There were 56 posters presented during this one-day national meeting, and Vanderbilt alone represented over 10% of them with 6 posters.” Dr. Hayhurst

International Anesthesia Research Society (IARS) Annual Meeting and International Science Symposium
San Francisco, CA

Jesse Ehrenfeld, MD, MPH, Heidi Smith, MD, MSCI, Chris Hughes, MD, Elisabeth Hughes, MD, Jenna Sobey, MD, Carrie Menser, MD

Vanderbilt International Anesthesia Global Retreat
Nashville, TN

The Global Surgery retreat took place on April 9 with 40 global anesthesia, emergency medicine, obstetrics, public health and surgery leaders who gathered to discuss the VU contribution in providing safe anesthesia.
Ambulatory Division sustains clinical and academic quality amidst unprecedented growth

Amy Nabours
Since its beginning with only five rooms at the Nashville Surgery Center in 2007, the Ambulatory Division of the Department of Anesthesiology has experienced tremendous growth. Under Dr. Katherine Dobie’s leadership as Division Chief since 2013, the division has grown to 12 full-time faculty members and a team of 34 CRNAs who support four centers and 26 anesthetizing locations. The division provides services for ~21,000 surgical cases per year out of the Department of Anesthesiology’s ~48,000 total adult surgical cases in inpatient and outpatient settings, reflecting the trend toward further increases in outpatient surgeries.

Members of the Ambulatory Division are actively furthering the academic and research interests of our department. In May 2016, at the 31st annual meeting of the Society for Ambulatory Anesthesia (SAMBA), the division was well represented – presenting seven posters/abstracts out of a total of 42 accepted by the conference. Poster presenters from the division included: Dr. Katherine Dobie; Dr. Jane Brock; Dr. Lisa Jaeger; Dr. Michael Higgins; Dr. Kelly McQueen; Dr. Stephen Harvey; Dr. Christopher Canlas; and Dr. Uma Shastri, along with departmental resident Dr. Jonathan Niconchuk and CRNA Shawn Palmiter. The division’s further involvement in SAMBA, the primary ambulatory anesthesia sub-specialty organization, includes representation on multiple committees and continued contribution of data to the SAMBA Clinical Outcomes Registry (SCOR). Data collection for SCOR represents a six-year effort to date, and is led by Dr. Jane Brock.

Change and growth remain constants for the Ambulatory Division. In 2014, under the leadership of Medical Director Dr. Stephen Harvey, the division assumed responsibility for the Medical Center East ORs - this transition occurred over one weekend when new service lines were introduced into the area. In addition to acquiring new surgical services with unique anesthetic considerations, the transition resulted in remarkable operational improvements: a reduction in turnover times (TOT) from 43 minutes to 33 minutes (18 month comparison, 95% CI) and an increase in first case on-time starts (FCOTS) from 61% to 71% (18 month comparison, 95% CI) in an area that sees over 8,000 cases/year. In the same weekend, Dr. Eric Briggs, medical director of Vanderbilt Outpatient Surgery (VOS), acquired Nashville Surgery Center’s sports orthopedic cases into VOS (formerly named FEL), where most of the institution’s otolaryngology cases were done prior to the transition. VOS is also the home to the Regional rotation, one of three resident rotations that the division offers: Regional, Outpatient Surgical Home, and Ambulatory junior.

Further growth is on the horizon as the division prepares for a new challenge – providing services for the Vivere Fertility Clinic in Nashville, starting in May of 2016. The ability to adjust to these changes while maintaining clinical efficiency and quality, and at the same time continuing to pursue excellence in scholarly and educational endeavors, demonstrates how the Ambulatory Division can enhance the position of our department and that of VUMC as a leading academic medical center.

“While the demands are many, this is an exciting time in healthcare. We are being asked to rethink how we do things—how to improve outcomes, safety, and patient experience—in a leaner environment. Outpatient surgery is a big part of this, and Ambulatory Anesthesiology will prove to be a key in our ability to successfully answer the challenges, and at what pace. At Vanderbilt, we are responding. We are moving bigger cases and sicker patients out of the hospital and into the leaner ambulatory surgery centers. We are doing it safely, efficiently, and with a top-notch experience for our patients. In our division, over one-third of the patients are ASA 3’s; our hospital transfer rates and day of surgery cancellation are at or below benchmark; and our patient experience is one of the leaders in the institution. It’s a very exciting time to be innovating in Ambulatory Anesthesiology,” says Dr. Katherine Dobie.

The four centers serviced by the VUMC Department of Anesthesiology’s Ambulatory Division now include:

- Cool Springs Surgery Center (CSSC), Dr. E. Jane Brock, Medical Director
- Vanderbilt Outpatient Surgery (VOS), Dr. Eric R. Briggs, Medical Director
- Vanderbilt Bone and Joint Surgery Center (VBJSC), Dr. Katherine H. Dobie, Medical Director
- Medical Center East OR, Dr. Stephen T. Harvey, Medical Director

Taking on service lines in new areas isn’t the only way the Ambulatory Division continues to grow. In 2015, Cool Springs Surgery Center (CSSC) added an anesthetizing location, as did Vanderbilt Bone and Joint Surgery Center (VBJSC) in 2016. Under Dr. Jane Brock’s leadership, CSSC had a record year in 2015 with 8,568 cases. Also in 2015, the division developed a joint program to begin services for VBJSC’s first total shoulder arthroplasty in a free-standing ambulatory surgery center. These patients, who were previously cared for as inpatients at Williamson Medical Center, are now cared for at Vanderbilt Bone and Joint Surgery Center. They are sent home on the day of surgery with a continuous peripheral nerve block catheter in order to have adequate pain control at home after extensive surgery. So far, none of the patients have been re-admitted to the hospital.

Dr. Stephen Harvey, Ambulatory Division, presents poster at SAMBA’s 31st Annual Meeting, May 2016
Dr. Scott Watkins with first class of simulation training graduates in Western Kenya under the GE Foundation/Clinton Global Initiative part of ImPACT Africa program. Dr. Watkins is working with Dr. Newton, Dr. DiMiceli and Dr. McEvoy on training teams of obstetricians, nurse anesthetists and nurses at 9 hospitals. The course provides training on team performance and crisis resource management, with a particular focus on maternal and neonatal safety in the immediate perioperative period surrounding urgent and emergent C-sections.

Feeling the Love: Vanderbilt International Anesthesia Dinner Draws a Crowd

The VIA Dinner took place on April 23 at the Loveless Cafe with 168 guests in attendance. A total of $25,482 was raised to support our department’s global impact. Special guests this year included the Southern University Department of Anesthesiology Chairs (SUDAC). VIA seeks to benefit the lives of others by sharing the professional medical skills and knowledge of the faculty, staff and trainees of the Vanderbilt Department of Anesthesiology.

This year’s speaker line-up included Kelly McQueen, MD, MPH, Sarah Hemauer, MD, PhD and Joel Musee, MD, PhD.

Departments collaborate to serve in Guatemala

A team of Vanderbilt physicians, nurses and surgical scrub technicians spent six days at The Moore Pediatric Surgery Center in Guatemala City, Guatemala, providing ENT services to 79 children and adolescents. Annually, Vanderbilt, along with five other institutions from the United States, sends two surgical teams to the Moore Center.

“The Department of Anesthesiology is collaborating with the Shalom Foundation and the Moore Center to provide not only surgery and safe anesthesia to children in Guatemala, but also to engage in meaningful, bilateral research and future training of local providers,” states Laura Zeigler, MD, FAAP.
Recent Publications


Largo-Wight E, O’Hara BK, Chen WW. The Efficacy of a Brief Nature Sound Intervention on Muscle Tension, Pulse Rate, and Self-Re-


Schetz M, Shaw AD, Vincent JL. Is the literature inconclusive about the harm of HES? We are not sure. Intensive Care Med. 2016 Mar


Fowler and Deitte awarded inaugural Fellowship to Advance Medical Education (FAME)

Amy Nabours

Ms. Leslie Fowler, MEd, director of education development and research in the Department of Anesthesiology, and Dr. Lori Deitte, MD, vice chair for education in the Department of Radiology, will collaborate as co-principal investigators on the project “Quiz Time: A Smartphone Application to Improve Knowledge Acquisition and Patient Centered Care Delivery.” This cross-departmental project recently received the inaugural Vanderbilt University School of Medicine Faculty Fellowship to Advance Medical Education (FAME). The FAME award consists of $25,000 per year for two years to be used by Vanderbilt’s leading medical educators to advance efforts in devising or enhancing innovative educational programs.

The “Quiz Time” project will be led by Fowler and Deitte but will also include co-investigators Amy Robertson, MD, assistant professor and director of medical student education in the Department of Anesthesiology, and Meaghan Magarik, MD, a resident in the Department of Radiology. Matthew McEvoy, MD, vice chair for educational affairs in the Department of Anesthesiology, will serve as the senior faculty educator. The study intends to determine whether spaced education methods applied via the smartphone application Quiz Time, developed by the Vanderbilt University School of Medicine in conjunction with teams from the Departments of Anesthesiology and Radiology, can improve knowledge acquisition and clinical decision-making processes. The study will be conducted with interprofessional clinicians in the Department of Anesthesiology and the Department of Radiology.
New Hires

Kelly Peters
Program Assistant, CRISS

Shelby Monahan
Research Analyst I, VAPIR

Jane Kile, MSN, APRN, FNP-C
Nurse Practitioner

Samantha Martin
Program Coordinator CRISS

Meghan Dahl
CRNA

Jordan Palmer, MSN, APN
CRNA

Erin Leatherwood
CRNA

PREVIOUS POSITION:
Research Assistant, Behavioral Physiology
University of Pittsburgh

EDUCATION:
BA in English
Literature, Grove City College, Grove City, PA (2007)

Justin Liberman, MD
Instructor, Multispecialty Adult Anesthesiology

Robert Freundlich, MD
Assistant Professor, Anesthesiology-Critical Care Medicine

Maryann Otto, MD
Instructor, OB Anesthesiology

Loren Smith, MD, PhD
Instructor, Multispecialty Adult Anesthesiology

Michael Chi, MD
Assistant Professor, Cardiothoracic Anesthesiology

Kara Siegrist, MD
Assistant Professor, Cardiothoracic Anesthesiology

Ryan Parker, MD, PhD
Assistant Professor, Anesthesiology-Critical Care Medicine

PREVIOUS POSITION:
Research Assistant, The Renfrew Center

EDUCATION:
BA in Psychology, Sewanee: The University of the South, Sewanee, TN (2015)

PREVIOUS POSITION:
Administrative Assistant, The Renfrew Center

EDUCATION:
BA in Psychology, Sewanee: The University of the South, Sewanee, TN (2015)

PREVIOUS POSITION:
Staff Nurse II, Holding Room/Post Anesthesia Care Unit
Monroe Carell Jr. Children’s Hospital at Vanderbilt

EDUCATION:
BS in Organizational Leadership, Bethel University, Nashville, TN (2016)

PREVIOUS POSITION:
Nurse Practitioner, Family Nurse Practitioner, Union University, Hendersonville, TN (2015)

PREVIOUS POSITION:
Research Fellow, Vanderbilt University Medical Center

EDUCATION:
MD, University of Missouri-Kansas City, Kansas City, MO (2005)

PREVIOUS POSITION:
Anesthesiology Resident, T32 Research Fellow, Vanderbilt University Medical Center

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EDUCATION:
MD, University of Missouri-Kansas City, Kansas City, MO (2005)
New Hires contd.

Adam Kingeter, MD
Assistant Professor, Anesthesiology-Critical Care Medicine

PREVIOUS POSITION:
Anesthesiology Resident
Vanderbilt University Medical Center

EDUCATION:
MD, University of Texas Health Sciences Center – Houston School of Medicine, Houston, TX (2010)
BS in Biology, Texas Christian University, Fort Worth, TX (2006)

Marcos Lopez, MD
Assistant Professor, Anesthesiology-Critical Care Medicine

PREVIOUS POSITION:
Critical Care Fellow
Vanderbilt University Medical Center

EDUCATION:
MD, Mayo Medical School, Rochester, MN (2011)
MS in Clinical and Translational Science, Mayo Medical School, Rochester, MN (2010)

Society for Pediatric Anesthesia Annual Meeting
Colorado Springs, CO

Stephen Hays, MD, FAAP, spoke at the 3rd Annual Meeting of the Society for Pediatric Pain Medicine (SPPM) in Colorado Springs, CO; the topic was the Pro/Con Debate: Clonidine

Suanne Daves, MD, moderated Cardiac Refresher: “The Rhythm is Gonna Get You” as well as facilitated the Workshop: A Practical Approach to Quality Improvement and Performance Management

Pediatric Anesthesia Fellow Dr. Jacob Hummel presented Task Shifting in Setting of Shortage of First Responders in Mozambique on behalf of Camila Lyon, MD

Jenna Sobey, MD, presented the abstract and poster An Unconventional Approach to Global Pediatric Anesthesia Education
Support VANDERBILT INTERNATIONAL ANESTHESIA

Improving access to safe anesthesia for underserved populations

DEPARTMENT OF ANESTHESIOLOGY

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Send ALL department news and announcements to Renuka Christoph by Tuesday 6:00 pm for the Wednesday weekly edition.

Seeking Social Media Help

Interested in joining the Anesthesiology Social Media committee?

The committee will meet once a month to:
- Determine content for Twitter
- Gather internal content
- Identify strategies for growth

Contact amy.nabours@vanderbilt.edu

We are on Twitter. Follow/share us @vanderbilt_anes

Email department news to AnesthesiologyCommunications@vanderbilt.edu

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DEPARTMENT OF ANESTHESIOLOGY
VANDERBILT UNIVERSITY MEDICAL CENTER

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We provide uncompromising quality in clinical care, research and education. We are:

**Compassionate:** Offering exceptional perioperative care and pain management to a complex population.

**Creative:** Advancing the frontiers of science, healthcare and technology.

**Committed:** Equipping future leaders with solid education and training, both here and abroad.

**Collaborative:** Working across Vanderbilt University Medical Center and beyond to achieve measurable outcomes.

**Warren S. Sandberg, MD, PhD**  
Chair, Department of Anesthesiology  
Vanderbilt University School of Medicine