

Leadership Recognized for Military Support



Dr. Jeffrey Balsler, Dr. Jesse Ehrenfeld, Dr. Sandberg and Carl Lambert, Committee Chair, Tennessee ESGR

Department Chair Dr. Sandberg was presented with the honorable Committee for the Employer Support of the Guard and Reserve, (ESGR) Patriotic Employer Award on September 2, 2015. Vice Chancellor for Health Affairs and Dean of School of Medicine Dr. Jeffrey Balsler received the ESGR Pro Patria Award. Dr. Jesse Ehrenfeld, associate director of the Informatics Research Division in Anesthesiology and U.S. Navy Commander recommended San-

derg and Balsler for the outstanding support given to him while performing his military duties as a US Navy Reserve Officer.

The Committee for the Employer Support of the Guard and Reserve, or ESGR, is a Department of Defense organization, working to foster support and cooperation between employers and their employees who serve our country in the National Guard or Reserve. ESGR provides a means for these

military members to recognize the support and encouragement given to them by their immediate supervisors or higher level supervisors through an awards program. Additionally, businesses and organizations are encouraged to see the value in hiring Guardsmen and Reservists and supporting them while they perform their military duties, both in training and in carrying out their military mission when called upon.

Press Coverage

Click to view

Dunworth named associate director of Advanced Practice, Anesthesia
Vanderbilt Reporter
July, 2015

Undone in the ICU
Vanderbilt Medicine
Summer 2015

ERAS Pathways Within PSH Framework Ideal For Improving Colorectal Surgery Patient Outcomes
Anesthesiology News July 2015

Leaders Co-chair International conference
Vanderbilt Reporter
July, 2015

ERAS Pathways Ideal for Improving Outcomes After Colorectal Surgery
Gastroenterology & Endoscopy News
July 2015

Visit the newsfeed on the homepage of website to view additional news



SUNDAY | OCTOBER 25, 2015 | 6:00 pm– 9:00 pm | Roy's San Diego Waterfront (Big Island Room)

Accomplishments



Dr. Kevin Currie

Kevin Currie, PhD, has begun a 5-year term on the editorial board of the Journal of Biological Chemistry (JBC). The JBC has been an essential resource for the international community of biomedical researchers for more than 100 years, and continues to be a standard-bearer for excellence in the fields of biochemistry and molecular biology.



Dr. Brian Rothman

Brian Rothman, M.D., has been invited to join the faculty for the upcoming PopHealth Summit occurring at the HIMSS Connected Health Conference occurring November 9-11 in Washington, DC.



Dr. Jesse Ehrenfeld

Jesse Ehrenfeld, MD, has been appointed as Adjunct Professor of Surgery at the Uniformed Services University of the Health Sciences. He also has been invited to serve on the Chancellor's Strategy and Planning Committee for Diversity, Inclusion, and Community and has been appointed as representative to the Physician Consortium For Performance Improvement (PCPI) by the AMA Board.

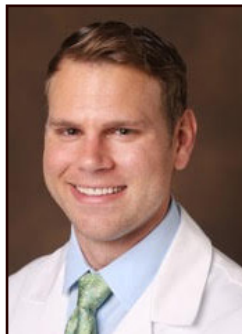


Dr. Heidi Smith

Heidi Smith, M.D., has been invited to serve in the role of co-chair of the new Early Career Physician Council.



Dr. Stuart McGrane



Dr. Chris Sobey



Dr. Jenna Helmer- Sobey

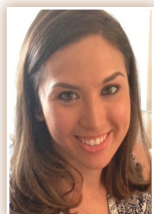
Drs. Stuart McGrane, Chris Sobey and Jenna Helmer-Sobey have been appointed to serve as Associate Fellowship Program Directors



Damon Michaels, Dr. Ronald Clements, professor of Surgery, director of Bariatric Surgery, Betsy DeMarcus and Dr. Bill Furman

Damon Michaels, Betsy DeMarcus and Dr. Bill Furman received the MMHC, Master of Management in Health Care

New Faculty/Staff



Rebecca DeVinney
CRNA
Division of MSA

PREVIOUS POSITION:
Certified Registered Nurse
Anesthetist, Anesthesia
Services of Middle
Tennessee, Clarksville, TN

EDUCATION:
MS in Nursing (Nurse Anes-
thesia), Middle Tennessee
School of Anesthesia,
Madison, TN 2012

BS in Nursing, East
Tennessee State University,
Johnson City, TN 2007



Anna Dikalova, PhD
Research Assistant Professor
Division of Research

PREVIOUS POSITION:
Research Assistant Professor,
Department of Pediatrics,
Division of Neonatology
Vanderbilt University Medical
Center

EDUCATION:
Postdoctoral Fellowship (Lab-
oratory of Pharmacology and
Chemistry), National Institute
of Environmental Health
Sciences, Research Triangle
Park, NC 2001

Post-Graduate, Institute of
Cytology and Genetics,
Novosibirsk, Russia 1995

PhD, Institute of Cytology and
Genetics, Novosibirsk, Russia
1993



Madeleine Hart
Administrative Assistant II
Division of Cardiothoracic
Anesthesiology

PREVIOUS POSITION:
Author Launch, LLC, Project
Manager, Nashville, TN

EDUCATION:
BA in Professional Writing,
Grand Valley State University,
Allendale, MI 2011



Fawn Holsembeck
CRNA
Division of MSA

PREVIOUS POSITION:
Certified Registered Nurse
Anesthetist, Georgetown
University Medical Center,
Washington D.C.

EDUCATION:
MS in Nursing (Nurse
Anesthesia), Georgetown
University, Washington D.C.
2011

BS in Nursing, University of
Alabama, 2005



Teus Kappan, MD, PhD
Research Fellow
Division of Research

PREVIOUS POSITION:
Attending Anesthesiologist,
University Medical Center of
Utrecht, Utrecht,
The Netherlands

EDUCATION:
PhD, Utrecht University, The
Netherlands, 2015

Pediatric Intensive Care Fel-
lowship, Wilhelmina Children's
Hospital of Utrecht, Utrecht,
The Netherlands, 2014

Anesthesia Residency, Univer-
sity Medical Center of Utrecht,
Utrecht, The Netherlands,
2012

MD, University of Medical
Center at Utrecht, Utrecht, The
Netherlands, 2005



Olivia Liem, MD, PhD
Research Fellow
Division of Research

PREVIOUS POSITION:
Wilhelmina Children's Hospital,
5th year Pediatric Resident,
University Medical Center of
Utrecht, The Netherlands

EDUCATION:
Pediatric Residency, Wilhelmina
Children's Hospital, University
Medical Center of Utrecht
Utrecht, The Netherlands, 2015

PhD (Pediatric Gastroenterolo-
gy), Emma Children's Hospital,
Amsterdam, The Netherlands
Nationwide Children's Hospital,
Columbus, OH, 2011

MD, Leiden University, Leiden,
The Netherlands, 2004



Christopher Lindsey
Administrative Assistant II
Administration/Credentialing
Division of MSA

PREVIOUS POSITION:
Administrative Assistant
I, Department of History,
Vanderbilt University
Medical Center

EDUCATION:
Associates Degree in Liberal
Arts, Columbia State Com-
munity College, Columbia,
TN 2000



Jacobo Marrujo
CRNA
Division of MSA

PREVIOUS POSITION:
Registered Nurse, CVICU
Vanderbilt University
Medical Center

EDUCATION:
MS in Nursing (Nurse
Anesthesia), University of
Tennessee at Chattanooga
Chattanooga, Tennessee,
2015

BS in Nursing, Aquinas Col-
lege, Nashville, Tennessee
2012

Associate of Science in
Nursing, Aquinas College,
Nashville, Tennessee 2009



Kristen Osburn
CRNA
Division of MSA

PREVIOUS POSITION:
Certified Registered Nurse
Anesthetist, Parkland Me-
morial Hospital, Dallas, TX

MS in Nursing, Kaiser
Permanente School of
Anesthesia, Los Angeles,
CA 2014

BS in Nursing, University
of Tennessee, Knoxville,
TN 2008

Recent Publications

- Brown Z, Edworthy J, Sneyd JR, Schlesinger J. A comparison of linear and logarithmic auditory tones in pulse oximeters. *Appl Ergon*. 2015 Nov;51:350-7. doi: 10.1016/j.apergo.2015.06.006. Epub 2015 Jun 23. PubMed PMID: 26154232.
- Bruehl S. Complex regional pain syndrome. *BMJ*. 2015 Jul 29;351:h2730. doi: 10.1136/bmj.h2730. Review. PubMed PMID: 26224572.
- Buchheit T, Van de Ven T, John Hsia HL, McDuffie M, MacLeod DB, White W, Chamessian A, Keefe FJ, Buckenmaier CT, Shaw AD. Pain Phenotypes and Associated Clinical Risk Factors Following Traumatic Amputation: Results from Veterans Integrated Pain Evaluation Research (VIPER). *Pain Med*. 2015 Jul 14. doi: 10.1111/pme.12848. [Epub ahead of print] PubMed PMID: 26177330.
- Carayon P, Weinger MB, Brown R, Cartmill RS, Slagle J, Van Roy KS, Walker JM, Wood KE. How Do Residents Spend Their Time in the Intensive Care Unit? *Am J Med Sci*. 2015 Jul 13. [Epub ahead of print] PubMed PMID: 26171828.
- DiMiceli-Zsigmond M, Williams AK, Richardson MG. Expecting the Unexpected: Perspectives on Stillbirth and Late Termination of Pregnancy for Fetal Anomalies. *Anesth Analg*. 2015 Aug;121(2):457-64. doi: 10.1213/ANE.0000000000000785. PubMed PMID: 26197374.
- Gálvez JA, Rothman BS, Doyle CA, Morgan S, Simpao AF, Rehman MA. A Narrative Review of Meaningful Use and Anesthesia Information Management Systems. *Anesth Analg*. 2015 Sep;121(3):693-706. doi: 10.1213/ANE.0000000000000881. PubMed PMID: 26287298.
- Guo Y, Luan L, Rabacal W, Bohannon JK, Fensterheim BA, Hernandez A, Sherwood ER. IL-15 Superagonist-Mediated Immunotoxicity: Role of NK Cells and IFN- γ . *J Immunol*. 2015 Jul 27. pii: 1500300. [Epub ahead of print] PubMed PMID: 26216888.
- Kahle KT, Khanna AR, Alper SL, Adragna NC, Lauf PK, Sun D, Delpire E. K-Cl cotransporters, cell volume homeostasis, and neurological disease. *Trends Mol Med*. 2015 Jul 1. pii: S1471-4914(15)00117-3. doi: 10.1016/j.molmed.2015.05.008. [Epub ahead of print] Review. PubMed PMID: 26142773.
- Koyner JL, Shaw AD, Chawla LS, Hoste EA, Bihorac A, Kashani K, Haase M, Shi J, Kellum JA; Sapphire Investigators. Tissue Inhibitor Metalloproteinase-2 (TIMP-2)GF-Binding Protein-7 (IGFBP7) Levels Are Associated with Adverse Long-Term Outcomes in Patients with AKI. *J Am Soc Nephrol*. 2015 Jul;26(7):1747-54. doi: 10.1681/ASN.2014060556. Epub 2014 Dec 22. PubMed PMID: 25535301; PubMed Central PMCID: PMC4483589.
- Ladha K, Vidal Melo MF, McLean DJ, Wanderer JP, Grabitz SD, Kurth T, Eikermann M. Intraoperative protective mechanical ventilation and risk of postoperative respiratory complications: hospital based registry study. *BMJ*. 2015 Jul 14;351:h3646. doi: 10.1136/bmj.h3646. PubMed PMID: 26174419; PubMed Central PMCID: PMC4501577.
- Lovvorn HN 3rd, Pierce J, Libes J, Li B, Wei Q, Correa H, Gouffon J, Clark PE, Axt JR, Hansen E, Newton M, O'Neill JA Jr; Kenyan Wilms Tumor Consortium. Genetic and chromosomal alterations in Kenyan Wilms Tumor. *Genes Chromosomes Cancer*. 2015 Aug 14. doi: 10.1002/gcc.22281. [Epub ahead of print] PubMed PMID: 26274016.
- Merchant A, Hendel S, Shockley R, Schlesinger J, Vansell H, McQueen K. Evaluating Progress in the Global Surgical Crisis: Contrasting Access to Emergency and Essential Surgery and Safe Anesthesia Around the World. *World J Surg*. 2015 Aug 6. [Epub ahead of print] PubMed PMID: 26246114.
- Monroe TB, Misra S, Habermann RC, Dietrich MS, Bruehl SP, Cowan RL, Newhouse PA, Simmons SF. Specific Physician Orders Improve Pain Detection and Pain Reports in Nursing Home Residents: Preliminary Data. *Pain Manag Nurs*. 2015 Aug 7. pii: S1524-9042(15)00081-8. doi: 10.1016/j.pmn.2015.06.002. [Epub ahead of print] PubMed PMID: 26259882; PubMed Central PMCID: PMC4548860.
- Morey TE, Sappenfield JW, Gravenstein N, Rice MJ. Joint Commission and Regulatory Fatigue/Weakness/Overabundance/Distracton: Clinical Context Matters. *Anesth Analg*. 2015 Aug;121(2):394-6. doi: 10.1213/ANE.0000000000000732. PMID: 26197372.
- Myler CS, Gupta RK. Spinal Anesthesia in a Patient With a History of Systemic Capillary Leak Syndrome (Clarkson Disease). *Reg Anesth Pain Med*. 2015 Jul 31. [Epub ahead of print] PubMed PMID: 26237002.
- Neal JM, Barrington MJ, Brull R, Hadzic A, Hebl JR, Horlocker TT, Huntoon MA, Kopp SL, Rathmell JP, Watson JC. The Second ASRA Practice Advisory on Neurologic Complications Associated With Regional Anesthesia and Pain Medicine: Executive Summary 2015. *Reg Anesth Pain Med*. 2015 Sep-Oct;40(5):401-30. doi: 10.1097/AAP.0000000000000286. PubMed PMID: 26288034.
- Newton M. Anaesthesia for emergency paediatric general surgery. In: Homer R, Walker I, Bell G, eds. Special Edition: Paediatric Anaesthesia and Critical Care. Update in Anaesthesia. The Journal of the World Federation of Societies of Anaesthesiologists. 2015 Jun; 30(1):178-186.
- Newton M. Major elective surgery in children, and surgery in remote and rural locations. In: Homer R, Walker I, Bell G, eds. Special Edition: Paediatric Anaesthesia and Critical Care. Update in Anaesthesia. The Journal of the World Federation of Societies of Anaesthesiologists. 2015 Jun; 30(1):133-140.
- Nguyen TT, Hill S, Austin TM, Whitney GM, Wellons JC 3rd, Lam HV. Use of blood-sparing surgical techniques and transfusion algorithms: association with decreased blood administration in children undergoing primary open craniostomy repair. *J Neurosurg Pediatr*. 2015 Jul 31:1-8. [Epub ahead of print] PubMed PMID: 26230459.
- Ousley J, Baucom RB, Stewart MK, Phillips SE, Holzman MD, Ehrenfeld JM, Sharp KW, Nealon WH, Poulouse BK. Previous Methicillin-Resistant Staphylococcus aureus Infection Independent of Body Site Increases Odds of Surgical Site Infection after Ventral Hernia Repair. *J Am Coll Surg*. 2015 Aug;221(2):470-7. doi: 10.1016/j.jamcollsurg.2015.04.023. Epub 2015 May 1. PubMed PMID: 26206645.
- Qiao S, Olson JM, Paterson M, Yan Y, Zaja I, Liu Y, Riess ML, Kersten JR, Liang M, Warltier DC, Bosnjak ZJ, Ge ZD. MicroRNA-21 Mediates Isoflurane-induced Cardioprotection against Ischemia-Reperfusion Injury via Akt/Nitric Oxide Synthase/Mitochondrial Permeability Transition Pore Pathway. *Anesthesiology*. 2015 Aug 7. [Epub ahead of print] PubMed PMID: 26259139.
- Schlesinger JJ. In Response. *Anesth Analg*. 2015 Sep;121(3):836. doi: 10.1213/ANE.0000000000000764. PubMed PMID: 26287307.
- Semler MW, Rice TW, Ehrenfeld JM. Leveraging Clinical Informatics in the Conduct of Clinical Trials. *J Med Syst*. 2015 Oct;39(10):317. doi: 10.1007/s10916-015-0317-0. PubMed PMID: 26276019.
- Sherwood ER. WHAT'S NEW IN SHOCK? OCTOBER 2015. *Shock*. 2015 Aug 10. [Epub ahead of print] PubMed PMID: 26263441.
- Smith JL, Rice MJ. Why Have So Many Intravascular Glucose Monitoring Devices Failed? *J Diabetes Sci Technol*. 2015 Jul;9(4):782-91. doi: 10.1177/1932296815587013. PubMed PMID: 26129733.
- Stark R, Choi H, Koch S, Lamb F, Sherwood E. Monophosphoryl lipid A inhibits the cytokine response of endothelial cells challenged with LPS. *Innate Immun*. 2015 Aug;21(6):565-74. doi: 10.1177/1753425914564172. Epub 2014 Dec 24. PubMed PMID: 26224572.

Recent Publications cont'd

25540284; PubMed Central PMCID: PMC4480205.

• Tabing AK, Ehrenfeld JM, Wanderer JP. Limiting the accessibility of cost-prohibitive drugs reduces overall anesthetic drug costs: a retrospective before and after analysis. *Can J Anaesth.* 2015 Aug 4. [Epub ahead of print] PubMed PMID: 26239665.

• Wanderer JP, Rathmell JP. A Brief History of the Perioperative Surgical Home. *Anesthesiology.* 2015 Jul;123(1):A23. doi: 10.1097/01.anes.0000465828.63302.dd. PubMed PMID: 26275010.

• Wanderer JP, Rathmell JP. Anesthesiologists & Ultrasonography: A Historical Window. *Anesthesiology.* 2015 Sep;123(3):A23. doi: 10.1097/01.anes.0000469923.23652.9d. PubMed PMID: 26284877.

• Wanderer JP, Rathmell JP. Randomized Controlled Trials vs. Administrative Database Studies. *Anesthesiology.* 2015 Aug;123(2):A23. doi: 10.1097/01.anes.0000466947.49905.37. PubMed PMID: 26196890.

• Zhu L, McDavid S, Currie KP. "Slow" Voltage-Dependent Inactivation of CaV2.2 Calcium Channels Is Modulated by the PKC Activator Phorbol 12-Myristate 13-Acetate (PMA). *PLoS One.* 2015 Jul 29;10(7):e0134117. doi: 10.1371/journal.pone.0134117. eCollection 2015. PubMed PMID: 26222492; PubMed Central PMCID: PMC4519294.

If you don't have a badge with the department elevator pitch, email AnesthesiologyCommunications@vanderbilt.edu.

DEPARTMENT OF ANESTHESIOLOGY
VANDERBILT UNIVERSITY
MEDICAL CENTER

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 global leaders with the latest knowledge and skills.

Collaborative: Working across Vanderbilt University Medical Center and beyond to achieve measurably improved outcomes.



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

A Heart Attack Prevented

Submitted by Mary Ruth Brewer

Dr. Eagle was in her office when she heard that someone's breathing patterns indicated stress. She came to the area where several of us were and noticed the electrician (Todd) was perspiring heavily. After asking some questions, she said, "You need to come with me for an EKG, immediately."

I joined Dr. Eagle in escorting the electrician to the ER for test where they detected he indeed needed immediate medical

attention. He was kept overnight and scheduled for heart catheterization. Through Dr. Eagle's knowledge and her highly tuned skills, Todd was spared of a heart attack.

Todd's best friend sought me out to express appreciation of the medical assistance given to his best friend today. Sincere appreciation for Dr. Eagle was expressed.



Mary Ruth Brewer prized for submitting a "C" in action