

Curriculum Vitae

Name: Marc Anthony Hayes
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Education

08/1996 - 06/1998 Undergraduate from State University of New York at Cortland, Cortland, NY
09/1998 - 06/2001 B.S. in Biology from Loyola College, MD United States
07/2002 - 06/2006 M.D. in Medicine from University of Buffalo School of Medicine and Biomedical Science, NY United States

Training

07/2006 - 07/2007 Internship in Multi-Specialty from Vanderbilt University Medical Center, Nashville, TN
07/2007 - 08/2010 Residency in Anesthesiology from Vanderbilt University Medical Center, Nashville, TN

Licensure and Certification

N/A License, Tennessee Medical License of Tennessee United States
N/A Certification, Advanced Trauma Life Support of Tennessee United States
N/A Certification, Advanced Cardiac Life Support of Tennessee United States
N/A Certification, Basic Life Support of Tennessee United States
N/A Licence, New York State Medical Licence; Applied 10/15/12 of New York
05/2010 - Present Certification, Diplomate of the American Board of Anesthesiology

Academic Appointments

07/2010 - 06/2011 Instructor in Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)
07/2010 - Present Faculty Anesthesiologist, Anesthesiology, Vanderbilt Medical Center (Nashville, Tennessee)
07/2011 - 02/2013 Assistant Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

06/2000 - 09/2000 Plebotomist/Cardiac Technician, Cardiology P.C. of CNY (New York)
09/2001 - 06/2002 Plebotomist/Cardiac Technician, St. Joseph's Health Center (Syracuse, New York)
06/2003 - 08/2003 Research Assistant, Dept. of Emergency Medicine, University of Buffalo School of Medicine (Buffalo, New York)

Professional Organizations

American Society of Anesthesiology
Tennessee Society of Anesthesiology
American Medical Association
ASA Political Action Committee Contributor
2010 American Board of Anesthesiology, Diplomate

Professional Activities

Intramural

06/2010 - Present Residency Interview Committee, Conducted Bi-Weekly interviews of potential candidates for a residency position at Vanderbilt Medical Center.

06/2010 - Present	Vanderbilt Airway Committee, Anesthesiology, Focused on research and teaching sessions to improve education of residents using a range of airway management topics. These topics ranged from basic airway management to advanced airway rescue techniques.
06/2010 - Present	Senior Seminar Educational Committee, Anesthesiology, Evaluated and scheduled various didactic and teaching sessions that apply to clinical and professional improvement of CA-3 residents.
07/2010 - Present	Acute Pain Service, Anesthesiology, Supervised placement of peripheral nerve blocks and continuous peripheral nerve catheters using Ultrasound guided technique, by resident physicians., Asst. Professor
01/2012 - Present	Assistant Medical Director MCE Operating Rooms, Anesthesiology, Coordination of 11 Operating Rooms and Management of Peri-operative Staff including Nurse Anesthetists in the Medical Center., Medical Director, Supervisor
01/2012 - Present	POD Director General Surgery and Surgical Oncology, Anesthesiology, Medical Director of General Surgery and Surgical Oncology Operating Rooms: Coordinated peri-operative staff and logistical functioning of operating rooms, Director

Extramural

2002 - 2004	Cardiology Interest Group, Cardiac Surgery, Co-Founder
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Teaching Activities

06/2011 - Present	Dissecting the Oral Board Stem, Vanderbilt Medical Center, Didactic lecture series with focus on teaching residents how to prepare for the oral board exam.
06/2011 - Present	Preparing for Written Boards: Key Words, Vanderbilt Medical Center, Monthly 1 hour senior resident seminar which focused on preparation for the written anesthesiology board exam
06/2011 - Present	Airway Lecture Series, Vanderbilt Medical Center, 1 hour lecture series which ranged from basic airway management to advanced airway rescue techniques
06/2011 - Present	Advanced Airway Simulation, Hands on didactic lecture series for junior residents, teaching airway techniques in the simulator lab. The following techniques were taught: 1. fiberoptic 2. Mcgrath Videolaryngoscope 3. Storz Videolaryngoscope 4. Cricothyroidotomy 5. RIFL
06/2011 - Present	Fundamentals of Anesthesiology, 30 minute lecture series which focused on presenting CA-1 residents with an introduction to Anesthesiology.
06/2011 - Present	Introduction to Basics of Anesthesiology, series daily 30 minute lectures to third year medical students. Topics included the following: inhalational agents, IV agents, local anesthetics and neuromuscular blockers
06/2011 - 06/2011	CA-1 lecture: Machine Check out Simulation, Instructor, MOR, 1 hour simulation of CA-1 residents in their ability to do a complete anesthesia machine safety check out.
08/2011 - 08/2011	Dissecting the Oral Board Stem: Pediatric Case Stem, Instructor, 1 hour lecture series designed to introduce residents to various oral board stems.
08/2011 - 08/2011	Medical Student Anesthesia Intro Series: IV anesthetics, Instructor, 30 min lecture to medical students on introduction to anesthesiology
09/2011 - 02/2011	Dissecting the Oral Board Stem Series: Renal Transplant Patient Long Stem, Instructor / Director, 1 hour lecture series designed to introduce residents to various oral board stems.
09/2011 - 02/2011	Medical student lecture series: IV induction agents, instructor, introduction to anesthesiology series for 3rd year medical students
11/2011 - 11/2011	Dissecting the Oral Board Stem Series: Spine and Jehovah's Witness Patient Stem, Instructor / Director, 1 hour lecture series designed to introduce residents to various oral board stems.
01/2012 - 02/2012	Dissecting the Oral Board Stem Lecture Series: Orthopedics Trauma Patient Short Stem, Instructor / Director, 1 hour lecture series designed to introduce residents to various oral board stems.
02/2012 - 02/2012	Resident Lecture Series: Autonomic Dysreflexia Lecture, Instructor, Resident Lecture Series
02/2012 - 02/2012	Resident Lecture Series: Hb-O2 Dissociation Curve, instructor, Resident Morning Lecture Series
02/2012 - 02/2012	Resident Lecture Series: Thyroidectomy and Post-Op Complications, Instructor, Resident Morning Lecture Series
02/2012 - 02/2012	Written Board Key Word Review: Uptake of Inhalation Agents, Instructor, 30 minute lecture series involving Key Word review for Written Board Exam

02/2012 - 02/2012	Written Board Key Word Review: Line Isolation Monitors, Instructor, 30 minute lecture series involving Key Word review for Written Board Exam
02/2012 - 02/2012	Hyperkalemic Periodic Paralysis, Instructor, 30 minute lecture series involving Key Word review for Written Board Exam
03/2012 - 02/2012	Dissecting the Oral Board Stem: Gastric Bypass Patient Short Stem, Instructor / Director, 1 hour lecture series designed to introduce residents to various oral board stems.
04/2012 - 04/2012	Dissecting the Oral Board Stem: End Stage Liver Disease Patient undergoing outpatient procedure, Instructor / Director, 1 hour lecture series designed to introduce residents to various oral board stems.
06/2012 - 06/2012	Introductory Series for CA-1 Residents: Machine Check Out Simulation, Instructor, 1 hour simulation of CA-1 residents in their ability to do a complete anesthesia machine safety check out.
10/2012 - 02/2012	Dissecting the Oral Board Stem: Pheochromocytoma Short Stem Lecture, Instructor, 1 hour lecture series designed to introduce residents to various oral board stems.

Research Supervision / Mentorship

07/2011 - Present	Jacob Prine MD, M.D. Vanderbilt Medical Center, Current Position: CA-2 Resident Physician in Anesthesiology. (Resident, Clinical)
07/2011 - Present	Tom Lind M.D., M.D. Vanderbilt Medical Center, Current Position: Resident Physician in Anesthesiology. (Resident, Clinical)

Other Significant Activities

2008	Vanderbilt International Anesthesia: Peri-operative LVAD care protocol for patients having non-cardiac surgery:
01/2012	Worked with a multidisciplinary team of physicians, nurses and perfusionists to develop a protocol to streamlining the care of patients with left ventricular assist devices who present for non-cardiac surgery.

Honors / Awards

1999	Four Time Loyola College Dean's List Scholar, Loyola College, 1999-2001
1999	National Dean's List Scholar, Loyola College
2001	Cum Laude, Loyola College
2004	Buffalo Spring Clinical Day Research Presentation Award; 3rd Place, University of Buffalo
2004	Medical Student Research Forum; 3rd Place, University of Buffalo

Publications

Non-Peer Reviewed Publications

Research Articles

1. D. Rivers, L. Ruggiero, M. Hayes. Ectoparasitic Wasp *Nasonia vitripennis* Differentially Suppresses the Cellular Immune System of its Flesh Fly Host. Journal of Insect Physiology 2001.
2. J. Mayrose, D. Jehle M.D. FACEP, M. Hayes B.S. Influence of the Unbelted Driver-Side Rear-Seat Passenger on Driver Mortality (The Back Seat Bullet). Journal of Academic Emergency Medicine 2004.

Presentations

Other

1. ASA Annual Meeting. ASA; 2008; Acute Methamphetamine Withdrawal in the Perioperative Setting.
2. ASA Meeting. American Society of Anesthesiology; 2009; Challenges of Peri-operative Anesthetic Management for Patients Undergoing Orthopic Liver Transplantation Complicated by Severe Porto-Pulmonary Hypertension.

Invited Presentation - Local

1. Marc Hayes MD, Hannah Kiernes MD. Quartely Peri-operative Morbidity and Mortality Conference. Vanderbilt Medical Center; Nashville, Tennessee. 2011 Sep 30; PEA Arrest Following Laproscopic Cholecystectomy in a Patient with Heart Failure and Severe Pulmonary Hypertension.