

Curriculum Vitae

Name: Jonathan Porter Wanderer
Work Email: jonathan.p.wanderer@vanderbilt.edu

Education

09/1999 - 05/2003 B.A. in Biological Basis of Behavior from University of Pennsylvania, PA United States
09/1999 - 05/2003 B.S. in Computer and Cognitive Science from University of Pennsylvania, Philadelphia, PA
08/2003 - 08/2004 M.Phil. in Biology from University of Cambridge, United Kingdom
08/2004 - 05/2008 M.D. from University of Pennsylvania, PA United States

Training

06/2008 - 06/2009 Internship in Medicine from Pennsylvania Hospital, Philadelphia, PA
08/2009 - 08/2012 Residency in Anesthesia from Massachusetts General Hospital, Boston, MA

Licensure and Certification

2007 - Present Certification, Advanced Cardiac Life Support United States
2012 - Present Medical License, Medical License, Full Medical License, State of Tennessee of Tennessee United States (48268)
2012 - Present Registration, Federal DEA United States United States
10/2013 - Present Board Certification, American Board of Anesthesiology (51453)

Academic Appointments

09/2012 - 09/2013 Instructor in Anesthesiology, Vanderbilt University (Nashville, Tennessee)
10/2013 - Present Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)
10/2013 - Present Assistant Professor in Biomedical Informatics, Vanderbilt University (Nashville, Tennessee)

Other Work Experience

02/2013 - Present Associate Medical Director, Vanderbilt Anesthesiology and Perioperative Informatics Research Division, Vanderbilt University
04/2013 - Present Medical Director, Vanderbilt Preoperative Evaluation Center, Vanderbilt University
04/2014 - Present Co-Lead, Standard Inpatient Operating Model Program Management Office, Vanderbilt University
04/2014 - Present Associate Medical Director, Perioperative Informatics, Vanderbilt University

Professional Organizations

2004 American Medical Association
2008 American Society of Anesthesiologists
2009 International Anesthesia Research Society
2010 American Medical Informatics Association
2013 Society of Anesthesia and Sleep Medicine
2013 Society for Perioperative Assessment and Quality Improvement

patients nationally at risk for postoperative acute lung injury.

Role: Principal Investigator

Total Cost: \$175,000.00

Honors / Awards

1999	Mandell Undergraduate Essay Contest Award, University of Pennsylvania
2001	Racklin Neuroscience Research Grant, University of Pennsylvania
2002	Recognition of Service Award, Republic of Ecuador
2002	AmeriCorps Education Award, AmeriCorps
2002	Golden Key International Honour Society Undergraduate Scholarship, Golden Key
2002	Barry M. Goldwater Scholar, Goldwater Foundation
2003	Abraham D. Cohn Prize, University of Pennsylvania
2003	James Howard Weiss Memorial Award, University of Pennsylvania
2003	Edward N. Pugh Award, University of Pennsylvania
2003	The Applied Science Prize, University of Pennsylvania
2003	Churchill Scholar, The Winston Churchill Foundation
2003	Gamble Scholar, University of Pennsylvania
2003	Phi Beta Kappa, University of Pennsylvania
2004	Morton McCutcheon Medical Student Research Prize, University of Pennsylvania
2007	Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship, Alpha Omega Alpha
2008	Alpha Omega Alpha Medical Honor Society, Alpha Omega Alpha
2008	Merck Manual Award, University of Pennsylvania
2008	Joel Gordon Miller Award, University of Pennsylvania
2010	Partners in Excellence Award for Leadership, Partners HealthCare
2011	Mentoring Program, Workshop on Interactive Systems in Healthcare
2012	3rd Place Abstract, HIMSS Physician IT Symposium
2012	Top 5 Abstracts, Society for Technology in Anesthesia Annual Meeting
2013	Best Oral Presentation, 9th Annual Anesthesiology Departmental Research Symposium, Vanderbilt University
2013	Charles Bernard Pittinger Prize for Excellent in Health Services and Informatics Research, Vanderbilt University
2014	Best of Category, International Anesthesia Research Society, Top abstract for the Economics, Education and Policy category at annual meeting.
2014	Charles Bernard Pittinger Prize for Excellent in Health Services and Informatics Research, Vanderbilt University
2014	Best Oral Presentation, 10th Annual Anesthesiology Departmental Research Symposium, Vanderbilt University
2014	Golden Apple Award for Excellence in Teaching, Residents of the Department of Anesthesiology, Vanderbilt University
2014	Best of Meeting Finalist, International Anesthesia Research Society, One of the top 7 abstracts from the annual meeting.
2014	Kosaka Abstract Finalist, International Anesthesia Research Society, One of the top 5 meeting abstracts from the United States.

Publications

Peer Reviewed Publications

Research Articles

1. Wood NI, Pallier PN, **Wanderer J**, Morton AJ. Systemic administration of Congo red does not improve motor or cognitive function in R6/2 mice. Neurobiology of disease 2007 Feb;25(2):342-53. PMID: 17095235.
2. **Wanderer J**, Morton AJ. Differential morphology and composition of inclusions in the R6/2 mouse and PC12 cell

- models of Huntington's disease. Histochemistry and cell biology 2007 May;127(5):473-84. PMID: 17285342.
3. Gong B, Lim MC, **Wanderer J**, Wyttenbach A, Morton AJ. Time-lapse analysis of aggregate formation in an inducible PC12 cell model of Huntington's disease reveals time-dependent aggregate formation that transiently delays cell death. Brain research bulletin 2008 Jan;75(1):146-57. PMID: 18158109.
 4. Ahn J, Man LX, **Wanderer J**, Bernstein J, Iannotti JP. The future of the orthopaedic clinician-scientist. Part I: The potential role of MD-PhD students considering orthopaedic surgery. The Journal of bone and joint surgery. American volume 2008 Aug;90(8):1794-9. PMID: 18676927.
 5. **Wanderer JP**, Rao AV, Rothwell SH, Ehrenfeld JM. Comparing two anesthesia information management system user interfaces: a usability evaluation. Canadian journal of anaesthesia = Journal canadien d'anesthesie 2012 Nov;59(11):1023-31. PMID: 23055030.
 6. **Wanderer JP**, Ehrenfeld JM, Sandberg WS, Rathmell JP. Infographics in anesthesiology: a volatile tale of two institutions. Anesthesiology 2013 Jun;118(6):1456. PMID: 23059452.
 7. Was A, **Wanderer J**. Matching clinicians to operative cases: a novel application of a patient acuity score. Applied clinical informatics 2013 Jul;4(3):445-53. PMID: 24155796 PMCID: PMC3799214.
 8. **Wanderer JP**, Leffert LR, Mhyre JM, Kuklina EV, Callaghan WM, Bateman BT. Epidemiology of obstetric-related ICU admissions in Maryland: 1999-2008*. Critical care medicine 2013 Aug;41(8):1844-52. PMID: 23648568 PMCID: PMC3716838.
 9. **Wanderer JP**, Charnin J, Driscoll WD, Bailin MT, Baker K. Technical communication: decision support using anesthesia information management system records and accreditation council for graduate medical education case logs for resident operating room assignments. Anesthesia and analgesia 2013 Aug;117(2):494-9. PMID: 23749442.
 10. **Wanderer JP**, Anderson-Dam J, Levine W, Bittner EA. Development and validation of an intraoperative predictive model for unplanned postoperative intensive care. Anesthesiology 2013 Sep;119(3):516-24. PMID: 23756454.
 11. Sigakis MJ, Bittner EA, **Wanderer JP**. Validation of a Risk Stratification Index and Risk Quantification Index for Predicting Patient Outcomes: In-hospital Mortality, 30-day Mortality, 1-year Mortality, and Length-of-stay. Anesthesiology 2013 Sep;119(3):525-40. PMID: 23770598.
 12. Phitayakorn R, Morales-Garcia D, **Wanderer J**, Lubitz CC, Gaz RD, Stephen AE, Ehrenfeld JM, Daniels GH, Hodin RA, Parangi S. Surgery for Graves' disease: a 25-year perspective. American journal of surgery 2013 Nov;206(5):669-73. PMID: 24011567.
 13. Koo CY, Hyder JA, **Wanderer JP**, Eikermann M, Ramachandran SK. A Meta-analysis of the Predictive Accuracy of Postoperative Mortality Using the American Society of Anesthesiologists' Physical Status Classification System. World Journal of Surgery 2014 Sep; PMID: 25234196.
 14. **Wanderer JP**, Shi Y, Schildcrout JS, Ehrenfeld JM, Epstein RH. Supervising Anesthesiologists Cannot Be Effectively Compared According to Their Patients' Postanesthesia Care Unit Admission Pain Scores. Anesthesia and analgesia 2014 Oct; PMID: 25325754.

Review Articles

1. **Wanderer JP**, Sandberg WS, Ehrenfeld JM. Real-time alerts and reminders using information systems. Anesthesiology clinics 2011 Sep;29(3):389-96. PMID: 21871401 PMCID: PMC3164521.
2. **Wanderer JP**, Ehrenfeld JM. Clinical decision support for perioperative information management systems. Seminars in cardiothoracic and vascular anesthesia 2013 Dec;17(4):288-93. PMID: 23690340.

Non-Peer Reviewed Publications

Letters

1. **Wanderer JP**, Ehrenfeld JM, Sandberg WS, Epstein RH. The changing scope of difficult airway management. Canadian journal of anaesthesia = Journal canadien d'anesthesie 2013 Jul; PMID: 23897492.
2. **Wanderer JP**, Blum JM, Ehrenfeld JM. Intraoperative low-tidal-volume ventilation. The New England journal of medicine 2013 Nov;369(19):1861. PMID: 24195560.
3. **Wanderer JP**, Ehrenfeld JM, Sandberg WS, Epstein RH. Reply to: Reflections on the changing scope of difficult airway management. Canadian journal of anaesthesia = Journal canadien d'anesthesie 2014 Jan;61(1):85. PMID: 24536098.
4. **Wanderer JP**, Shaw AD, Ehrenfeld JM. Automated Data Transmission for the Society of Thoracic Surgeons' Adult Cardiac Anesthesia Module. Anesthesia and analgesia 2014 Nov;119(5):1221-1222. PMID: 25329030.
5. Ehrenfeld JM, **Wanderer JP**. The limitations of manually entered data in acute care environments. Canadian journal of anaesthesia = Journal canadien d'anesthesie 2014 Nov; PMID: 25398600.
6. Bulka CM, **Wanderer JP**, Ehrenfeld JM. Anesthesia Technique and Outcomes After Hip Fracture Surgery. JAMA 2014 Nov;312(17):1801. PMID: 25369495.

Editorials

1. **Wanderer J**, Mishra P, Ehrenfeld J. Innovation & market consolidation among electronic health record vendors: an acute need for regulation. Journal of medical systems 2014 Jan;38(1):8. PMID: 24424431.

Others

1. **Wanderer JP**, Pilla M, Rothman B. Society for Anesthesia and Sleep Medicine Newsletter: Implementation of the STOP-Bang Screening Tool within a Perioperative Information Management System. 2014 Jan.
2. **Wanderer JP**. Infographics in Anesthesiology: Resident Anesthetic Case Types. 2014 Jan; PMID: 24398755.
3. **Wanderer JP**, Rathmell JM. Infographics in Anesthesiology: Using the STOP-BANG criteria for preoperative screening. 2014 Feb; PMID: 24448095.
4. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Knee and Hip Arthroplasty: Variations in Use of Regional Anesthesia. 2014 Mar; PMID: 24534868.
5. **Wanderer JP**, Rathmell JM. Infographics in Anesthesiology: Cardiac arrest: etiology and outcomes across the spectrum of care. 2014 Apr.
6. **Wanderer JP**, Rathmell JM. Infographics in Anesthesiology: Vasopressor Variation: Intra- and International Variation in Perioperative Utilization of Vasopressors and Inotropes in Cardiac Surgery. 2014 May; PMID: 24755812.
7. **Wanderer JP**, Rathmell JM. Infographics in Anesthesiology: Pediatrics, A Little Part of Our Practice. 2014 Jun; PMID: 24845932.
8. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Ketamine as an antidepressant: a brief research history.. 2014 Jul;A29 PMID: 24936933.
9. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: A brief history of femoral nerve blocks.. 2014 Aug;A21 PMID: 25050515.
10. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Massive hemorrhage and malpractice claims.. 2014 Sep;A21 PMID: 25222691.
11. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Care transitions: handover carefully!. 2014 Oct;A21 PMID: 25247869.
12. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Epidural Injections and the New Subspecialty of Pain Medicine.. 2014 Nov;A23 PMID: 25335184.
13. **Wanderer JP**, Bateman BT, Rathmell JP. Infographics in Anesthesiology: Opioid Use Is Rising.. 2014 Dec;A23 PMID: 25405312.
14. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Perioperative Transfusion: A Complicated Story.. 2015 Feb;A23 PMID: 25603222.
15. **Wanderer JP**, Rathmell JP. Infographics in Anesthesiology: Quality of Life: Measuring Disability-free Survival.. 2015 Mar;A23 PMID: 25689770.

Conference Proceedings

1. Roederer A, Soegaard J, Lee I, **Wanderer J**, Park S. Wandering Data: A Scalable, Durable System for Effective Visualization of Patient Health Data. Conference paper at IEEE Computer Based Medical Systems 2014.. 2014 May.

Book Chapters

1. **Wanderer JP**, Ehrenfeld JM. Benefits and Drawbacks of Health Care Information Technology. Monitoring Technologies in Acute Care Environments. 2013 Dec.
2. **Wanderer JP**, Ehrenfeld JM. Overview of Electronic Health Records. Monitoring Technologies in Acute Care Environments. 2013 Dec.

Presentations

Presentations at Scientific Meetings

1. Ahn J, Lawrence J, Halpern S, Wanderer J, Glaser D. American Orthopaedic Association Annual Meeting. Asheville, North Carolina. 2007 Jun; Identification of factors that may influence orthopaedic residents' intent to perform research.
2. Hanson CW, Wanderer J. Medicine Meets Virtual Reality 16. Long Beach, California. 2008 Jan; Neurofuzzy derived topographies of cardiac performance.
3. Bowers AL, Ahn J, Wanderer J, Keenan MA. American Orthopaedic Association Annual Meeting. Quebec, Canada. 2008 Jun; Exposure to educational resources increases interest in orthopaedics among female medical students.
4. Wanderer J, Leffert L, Bateman BT. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Las

- Vegas, Nevada. 2011 Apr; Epidemiology of Pregnancy-Related ICU Admissions in Maryland: 1999-2008.
5. Ehrenfeld JM, Wanderer J, Hersey S, Eagle S, Sandberg WS. International Anesthesia Research Society. Vancouver, Canada. 2011 May; Pilot Implementation & Assessment of a Computerized Preanesthetic Assessment Tool.
 6. Wanderer J,P Rao AV, Rothwell SH, Ehrenfeld JM. International Anesthesia Research Society. Vancouver, Canada. 2011 May; Anesthesia Information Management System Ergonomics: A Novel Method for Analyzing Documentation Workflow.
 7. Wanderer J, Karson A. Workshop for Interactive Systems in Healthcare. Washington, District of Columbia. 2011 Oct; Seeing the forest for the trees: Making electronic medication administration records usable through interactive visualization.
 8. Wanderer JP, Forman S, Baker K. Society for Technology in Anesthesia. West Palm Beach, Florida. 2012 Jan; Residents helping in navigating OR scheduling (Rhinos): An on-line system for facilitating self-directed learning.
 9. Hester HL, Wanderer JP, Frazier KB, Ehrenfeld JM. Society for Technology in Anesthesia. West Palm Beach, Florida. 2012 Jan; The Methodology in Creating a Stewardship System of Pharmaceutical Costs for Anesthesia Providers.
 10. Wanderer JP, Jackson YM, Karson A. Physician IT Symposium. Healthcare Information and Management Systems Society; Las Vegas, Nevada. 2012 Feb; Diagnosis-Based Clinical Decision Support Improves CHF Quality Measures.
 11. Phitaykorn R, Wanderer JP, Ehrenfeld JM, Morales-Garcia D, Daniels G, Lubitz C, Gaz R, Stephen AE, Randolph G, Parangi S, Hodin RA. American Association of Endocrine Surgeons. Iowa City, Iowa. 2012 Apr; Graves Disease Revisited: When is it safe to operate?.
 12. Phitaykorn R, Wanderer JP, Lubitz C, Daniels G, Ehrenfeld JM, Parangi S, Stephen AE, Hodin RA. American Association of Endocrine Surgeons. Iowa City, Iowa. 2012 Apr; Phenoxybenzamine: Still a Good Match for Pheochromocytoma?.
 13. Wanderer JP, Baker K, Forman S. International Anesthesia Research Society. Boston, Massachusetts. 2012 May; Platform for Operating Room Teach and Learning (PORTAL).
 14. Hester D, Wanderer JP, Ehrenfeld JM. American Society of Anesthesiologists. Washington, District of Columbia. 2012 Oct; Development of a Methodology for Identification of Cost Variation Among Anesthesia Providers.
 15. Was A, Wanderer JP. American Society of Anesthesiologists. Washington, District of Columbia. 2012 Oct; Clinical Decision Support Using the Risk Stratification Index.
 16. Brueckmann B, Wanderer JP, Bateman BT, Sundrup MG, Schlett CL, Eikermann M. American Society of Anesthesiologists. Washington, District of Columbia. 2012 Oct; Development and Validation of the MGH Postoperative Respiratory Complications Prediction Score (PORCS).
 17. Wanderer J, Bittner EA. American Society of Anesthesiologists. Washington, District of Columbia. 2012 Oct; External Validation of the Risk Stratification Index for Prediction of In-Hospital Mortality and Utility in Pre-Operative Assessment.
 18. Wanderer J, Baker KH. American Society of Anesthesiology. Washington, District of Columbia. 2012 Oct; Creating Resident Profiles From ACGME and AIMS records: Usable Clinical Decision Support for OR Assignments.
 19. Wanderer JP, Anderson-Dam J. Society for Technology in Anesthesia. Phoenix, Arizona. 2013 Jan; Estimated Blood Loss: A Comparison of Operative Notes and AIMS Records.
 20. Wanderer JP, Anderson-Dam J, Levine W, Bitter AE. International Anesthesia Research Society Annual Meeting. San Diego, California. 2013 May; Development and Validation of an Intra-Operative Prediction Model for Unplanned Post-Operative Intensive Care.
 21. Kim P, Wanderer JP, Eikermann M, Allbritton DW, Baker KH. International Association of Medical Science Educators Annual Meeting. Scotland, United Kingdom. 2013 Jun; Offering Anesthesia Residents Input in Case Assignments May Facilitate Self-Directed Learning.
 22. Wanderer JP, Ehrenfeld JM. Meaningful Use of Complex Medical Data. Los Angeles, California. 2013 Aug; Use of Preoperative Anesthesia Assessments by Non-Anesthesia Personnel: An Electronic Audit Log Analysis.
 23. Riccio C, Pilla M, Ambrose A, Wanderer JP, Ehrenfeld JM. Society of Anesthesia and Sleep Medicine Annual Meeting. Society of Anesthesia and Sleep Medicine; San Francisco, California. 2013 Oct; Impact of a Post-Operative Obstructive Sleep Apnea Management Program on Perioperative Outcomes and Adverse Events.
 24. Haines DO, Wanderer JP, Naslund TC, Furman WR. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; Prophylactic Cerebrospinal Fluid Drainage and Neurologic Outcomes Following Thoracic Endovascular Aneurysm Repair.
 25. Wanderer JP, Hester DL, Sandberg WS, Anderson-Dam J, Ehrenfeld JM. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; Identification of Factors Influencing Anesthetic Drug Cost Variation.
 26. Anderson-Dam JL, Wanderer JP. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; Retrospective Analysis of Direct Drug Costs and Associated Time Costs Comparing Sevoflurane and Isoflurane Anesthetics in an Academic Setting.
 27. Ladha K, Wanderer JP, Nanji K. American Society of Anesthesiologists Annual Meeting. American Society of

- Anesthesiologists; San Francisco, California. 2013 Oct; Age as a Predictor of Opioid Administration Immediately After the Emergence of Anesthesia.
28. Jenkins DN, Hayes RM, Wanderer JP, Dmochowski RR, Ehrenfeld JM. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; Incidence of Postoperative Deterioration in a Cohort of 35,090 Surgical Patients.
 29. Wanderer JP, Ehrenfeld JM, Sandberg WS, Epstein RH. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; The Changing Scope of Difficult Airway Management.
 30. Wanderer JP, Park S. American Medical Informatics Association Annual Meeting. American Medical Informatics Association; Washington, District of Columbia. 2013 Nov; WanderingData: Data Visualization Techniques for Neurocritical Intensive Care.
 31. Johnson M, Wanderer JP, Snyder D, Ehrenfeld JM. American Medical Informatics Association Annual Meeting. American Medical Informatics Association; Washington, District of Columbia. 2013 Nov; Development of a Perioperative Data Warehouse to Improve Quality and Manage Costs at a Large Academic Medical Center.
 32. Ehrenfeld JM, Denton J, Eldridge C, Wanderer JP. American Medical Informatics Association Annual Meeting. American Medical Informatics Association; Washington, District of Columbia. 2013 Nov; Using Data Visualization Techniques to Identify Laboratory Data Types in a Data Warehouse.
 33. Jennings ST, Wanderer JP, Ehrenfeld JM. Society for Technology in Anesthesia Annual Meeting 2014. Orlando, Florida. 2014 Jan; Preoperative Type and Screen Testing for Elective Surgery: Using a Data Warehouse to Identify Workflow Process Errors.
 34. Selig S, Johnson M, Wanderer JP, Ehrenfeld JM. Society for Technology in Anesthesia Annual Meeting 2014. Orlando, Florida. 2014 Jan; Development of a Student-Faculty Matching Algorithm for Preceptorship Placement.
 35. Thompson B, Johnson M, Ehrenfeld JM, McEvoy M, Wanderer JP. Society for Technology in Anesthesia Annual Meeting 2014. Orlando, Florida. 2014 Jan; An Automated Case Cancellation Review System For Enhancing Systems-Based Practice in Anesthesia Residency Training.
 36. Ehrenfeld JM, McEvoy MD, Wanderer JP, Furman WR, Snyder D, Sandberg WS. Accreditation Council for Graduate Medical Education Annual Educational Conference. Gaylord National Harbor, Maryland. 2014 Mar; Creation of a Near Real-Time Clinical Performance Feedback Tool.
 37. Ehrenfeld, JM, Wanderer, JP, Furman, WR, Snyder, D, McEvoy, MD. International Anesthesia Research Society Annual Meeting. Montreal, Canada. 2014 May; Development Of Clinical Performance Metrics For Residents.
 38. McEvoy, MD, Newton, MW, Ehrenfeld, JM, Wanderer, JP, Higgins, M, McQueen, KA, Sandberg, WS. International Anesthesia Research Society Annual Meeting. Montreal, Canada. 2014 May; Comparison Of Anesthesia Training Experience At A Rural Referral Hospital In Western Kenya To An ACGME-Approved Program In The United States.
 39. Wanderer, JP, Jennings, ST, Ehrenfeld, JM, McEvoy, MD. International Anesthesia Research Society Annual Meeting. Montreal, Canada. 2014 May; Quantification Of Variability In Anesthesia Residency Airway Training.
 40. Ehrenfeld, JM, Wanderer, JP, Sain, LM, Geiger, TM, Guillaumondegui, O, Dmochowski, R, McEvoy, MD. International Anesthesia Research Society Annual Meeting. Montreal, Canada. 2014 May; Development Of A Colorectal Surgery Reporting Tool: The NO BUGS Dashboard.
 41. Wanderer JP, Ehrenfeld JM, Epstein RH, Kor DJ, Fernandez-Bustamante A, Jameson LC, Pittet JF, Vidal-Melo M, Bartz RR, Blum JM. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Current National Practice Patterns for Intraoperative Ventilation.
 42. Gruss C, Ehrenfeld JM, Kunic R, Wanderer JP. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Virtual Neck Circumference Measurements Can Be Used for Preoperative STOP-BANG Assessment.
 43. Hagaman DH, Ehrenfeld JM, Kunic R, Starmer J, Wanderer JP. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; An Intervention to Reduce Inappropriate preoperative Chest X-ray Ordering Is Associated With Reductions in Other Preoperative Testing.
 44. McLean DJ, Igumenshcheva A, Diaz-Gil D, Wanderer JP, K Ladha, Eikermann M. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Dose-dependent Association Between Intermediate-acting Neuromuscular Blocking Agents and Postoperative Respiratory Complications.
 45. Woolard A, Ehrenfeld JM, Eagle SS, Wanderer JP. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; An Observational Study of Perioperative Antiplatelet Management in Patients with Coronary Stents.
 46. Wanderer JP, Shi Y, Schildcrout JS, Ehrenfeld JM, Epstein RH. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Supervising Anesthesiologists Cannot Be Reliably Evaluated According to their Patients' PACU Admission Pain Scores.
 47. Wanderer JP, Patel N, Boulet JR, Pilla MA, Sandberg WS, Rothman BR. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Implementation and External Validation of the Z-Score System for Normalizing Residency Evaluations.
 48. Tabing AK, Ehrenfeld JM, Wanderer JP. Society for Technology in Anesthesia Annual Meeting 2015. Phoenix, Arizona. 2015 Jan; Use of an Automated Cost Calculator to Quantify Anesthetic Cost Interventions.
 49. Wanderer JP, Ehrenfeld JM, Reed S, Fowler LC, McEvoy MD. Society for Technology in Anesthesia Annual

Meeting 2015. Phoenix, Arizona. 2015 Jan; Automated Decision Support for Anesthesia Provider Relief: An Initial Survey and Implementation Report.

Panel Presentation

1. Wanderer J. American Society of Anesthesiology. Washington, District of Columbia. 2012 Oct; Introduction to Social Media for the Anesthesiologist.
2. Wanderer J. Society for Technology in Anesthesia. Phoenix, Arizona. 2013 Jan; AIMS Clinical Decision Support: What Can Be Done Today?.
3. Wanderer J. Society for Technology in Anesthesia Annual Meeting. Orlando, Florida. 2014 Jan; Metadata, Electronic Medical Records and Clinicians: Big Data, Big Brother, Big Opportunity?.
4. Wanderer JP. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; Big Data, Big Opportunity: Anesthesiology 2.0.

Medically Challenging Cases

1. Richards JE, Wanderer JP. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; Management of Von Willebrand's Disease in a Jehovah's Witness Presenting for Radical Nephrectomy.
2. Mudrick T, Wanderer JP. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct; PEA Arrest Due to a Tension Hemothorax: A Case Study.
3. Seigrist KK, Wanderer JP. American Society of Anesthesiologists Annual Meeting. New Orleans, Louisiana. 2014 Oct; A Case of Emergent Airway Management for an Obstructing Mediastinal Mass.

Invited Presentation - Local

1. Wanderer J. Weekly Informatics Seminar. Vanderbilt University; Nashville, Tennessee. 2011 Apr; Data visualization in anesthesia: Turning numbers into clinical pictures.

Invited Presentation - National

1. Wanderer JP. Meaningful Use of Complex Medical Data. Meaningful Use of Complex Medical Data; Los Angeles, California. 2014 Aug; Metadata and Health Care.

Invited Presentation - International

1. Wanderer J. Sedona Days Invitation Conference. Carefree, Arizona. 2014 Apr; The Future of Medical Informatics and What's In It For Me?.

University Talk

1. Jonathan P. Wanderer. Informatics Seminar. Nashville, Tennessee. 2013 Feb; Perioperative Risk Prediction Models: Development, Validation and Use.

Internal Grand Rounds

1. Wanderer JP. Department of Anesthesiology Grand Rounds. Vanderbilt University; Nashville, Tennessee. 2013 Dec; Preoperative Assessment and Perioperative Medicine.

Workshop

1. Wanderer JP. Society for Technology in Anesthesia Annual Meeting 2015. Phoenix, Arizona. 2015 Jan; Performance Metrics and Clinical Outcomes - Automated AIMS Analytics In (Near) Real Time!.

External Grand Rounds

1. Wanderer JP. Cornell University Medical Center and Memorial Sloan Kettering Cancer Center; New York, New York. 2015 Jan; Perioperative Informatics: Using Near Real-Time Data to Improve Healthcare.

Problem based learning discussion

1. Rothman B, Wanderer JP. International Anesthesia Research Society Annual Meeting. Montreal, Canada. 2014 May; Perioperative Health Information Technology (IT): Impact on Revenue, Costs, Compliance, and Safety.

Other

1. Wanderer J, Driscoll W, Ehrenfeld JM. iMDsoft User Group Annual Meeting. Boston, Massachusetts. 2010 Jun; Graphical Documentation for an Anesthesia Information Management System.