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 - b. Chief Clinical Officer, UAMS Health

Rawle Anthony Seupaul MD FACEP
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EDUCATION:

Masters in Health Care Delivery Science Dartmouth College Hanover, NH	2022-2023
Chief resident: Emergency Medicine, Carolinas Medical Center Charlotte, NC	1999-2000
Residency: Emergency Medicine, Carolinas Medical Center Charlotte, NC	1998-2000
Internship: Emergency Medicine, Carolinas Medical Center Charlotte, NC	1997-1998
MD: Northwestern University Chicago, IL	1993-1997
BA: Northwestern University Honors Program in Medical Education (HPME) Evanston, IL	1990-1993

ACADEMIC APPOINTMENTS:

Vice Dean of Clinical Affairs College of Medicine University of Arkansas for Medical Sciences	2022-present
Professor and Chair of Emergency Medicine (with tenure) Stanley E. Reed Endowment University of Arkansas for Medical Sciences	2013-present
Associate Professor of Clinical Emergency Medicine Indiana University School of Medicine	2008-2013
Assistant Professor of Clinical Emergency Medicine Indiana University School of Medicine	2000-2008

HOSPITAL APPOINTMENTS:

University of Arkansas for Medical Sciences

- Chief Clinical Officer 2019-2022
 - Director, Emergency Medicine Service Line 2015-2019
 - Chair, Patient Values Council 2014-2016
- Our institutional committees were structured under 5 Councils
- Chief of Staff 2018-2019
 - Chief of Staff Elect 2016-2018
 - Chair, Hospital Medical Board 2018-2019
 - Chair, Hospital Executive Committee 2018-2019
 - Chair, Credentials committee 2018-2019
 - Chair, Safety Executive Council 2018-2019

Wishard Health Services
Indianapolis, IN

2000-2013

SPECIALTY BOARD STATUS:

American Board of Emergency Medicine – Recertified 2012, 2021
 American Board of Emergency Medicine #200733 2001
 US Medical Licensure Examiners 1998

LICENSURE AND CERTIFICATION:

Physician license, Arkansas: E-7952 2013-present
 Physician license, Indiana: #01052612A 2000-2013
 US controlled substance registration DEA# BS6164090 2000-present
 Certified Observation Specialist 2015

PROFESSIONAL ORGANIZATIONS:Association of Academic Chairs for Emergency Medicine 2013-present

- Board of Directors
- Member at Large (national election) 2022-present

Society for Academic Emergency Medicine (SAEM) 1997-present

- Evidence Based Healthcare and Implementation Chair (max 3-year term) 2003-present
2010-2013
- Continuing Medical Education Task Force Chair 2010-2011
- Abstract Reviewer – Midwest Regional Meeting 2006
- Faculty Development Committee Chair, Subcommittee 2005-2008
2005 - 2007
- Diversity Training Task Force 2004-2005
- Abstract Reviewer – Annual Assembly 2005-2010
- Grants Committee 2003-2004

American College of Emergency Medicine (ACEP)

1997-present

Fellow; American College of Emergency Medicine	2005-present
<u>American Academy of Emergency Medicine (AAEM)</u> Member and Fellow	2001-2007
<u>Team Based Learning Collaborative</u>	2006-2008
<u>International Association for the Study of Pain</u>	2002-2003

HONORS AND AWARDS:

Emergency Medicine Impact Award; UAMS EM	2022
ED “Chair of the Year”; UAMS	2019
Outstanding Reviewer – J. of Emergency Medicine	2017
Red Sash Award	2014 & 2015
Circle of Excellence Dean’s List	2013
COM Educational Excellence Award (UAMS)	2013
“Teacher of the Year”	2008 & 2011
• Dept. of Emergency Medicine; Indiana University	
Indiana University Trustee Teaching Award	2005
Resident of the Year	2000
• Dept. of Emergency Medicine; Carolinas Medical Center	
Robert Galusha Award	1997
• “Intern of the year”; Carolinas Medical Center	
Alpha Omega Alpha (Northwestern University)	1996

TEACHING ASSIGNMENTS:

IU School of Medicine & the Dept of Emergency Medicine

Evidence Based Medicine (X602)

This course provides the basic framework for the application of the fundamental concepts of EBM and knowledge translation for physicians and medical students. This course incorporates both problem solving and life- long learning competencies and is one of the first to include a multidisciplinary learning environment. (Enrollment 150/yr)

• Statewide Director	2006-2013
• Director	2003-2013
• Instructor	2000-2013

Emergency Medicine (93ZE720) 2001-2013

Provide clinical bedside teaching and supervision for this 4th year visiting medical student elective course

Emergency Medicine (93ZE690; X720) 2003-2013

Provide clinical bedside teaching and supervision for this required 4th year medical student course

Coordinator: Morbidity and Mortality Conference 2000-2011 Department of Emergency Medicine

This monthly conference is a critical component to the yearly didactic program for the Emergency Medicine Residency. It serves as an interactive forum for the discussion of solutions for sources of medical errors, systems errors, and bias.

Coordinator: IU Research Day; Dept of Emergency Medicine

2003-2011

This annual event showcases the research efforts of the Department of Emergency Medicine and features the president-elect of SAEM – the only EM residency in the country with this rich tradition. In 2007 this conference was merged with the annual Indiana ACEP statewide meeting and also includes the president of ACEP.

Director, Emergency Medicine clerkship (93ZE720)
Post-graduate Teaching in Emergency Medicine

2000-2001
2000-present

RESEARCH & CREATIVE ACTIVITY:

Funded Grants:

Emergency Medicine/Trauma Rural Practice Education Program.
Arkansas Department of Health. Year: 2014-7
Amount: \$250,000

CAPDD Grant # CA1518-2-096, UAMS Stanley E. Reed Endowment. Year: 2016.
Awarded to advance the mission of the Stanley E. Reed endowment.
Amount: \$50,000

A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Intramuscular Peramivir in Subjects with Uncomplicated Acute Influenza. Protocol #: BCX1812-311 Year = 2007-8
Amount: \$144,600
Role: PI
Biocryst Pharmaceuticals

The Development of a Statewide Curriculum in Evidence Based Medicine and Biostatistics. Research and Learning Grant. Indiana University School of Medicine.
This grant will facilitate travel to each of the IU centers (8) around the state to deliver EBM content to faculty and students in an effort to either initiate or augment their curriculum.
Year = 2007-8.
Award: \$3,000.
Role: PI

A phase 3, multicenter, randomized, placebo-controlled, double-blind, three-arm study to evaluate the efficacy of tifacogin (recombinant tissue factor pathway inhibitor) administration in patients with severe community acquired pneumonia. Year = 2007-8.
PI: PI: Richard Kohler. Department of Internal Medicine.
Role: Co-Investigator
Novartis Pharmaceuticals.

A Phase II, Multicenter, Randomized, Double-Mask, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Intramuscular Peramivir in Subjects with Uncomplicated Acute Influenza – Protocol # BCX1812-211. Year = 2007-8
Role: PI
Amount: \$48,000
Biocryst Pharmaceuticals

A multicenter randomized, open-label comparison of the safety and efficacy of tigecycline with that of ampicillin-sulbactam or amoxicillin-clavulanate to treat complicated skin and skin structure infections. Year = 2005-6.

PI: Richard Kohler. Department of Internal Medicine.

Role: Co-Investigator

Wyeth Pharmaceuticals, Inc.

Treatment of hyperglycemia in ischemic stroke (THIS). Year = 2004-6.

PI: Askiel Bruno MD; Department of Neurology.

Role: Co-investigator

NIH (R01NS042078); \$2,200,000

This multicenter pilot study compares the clinical efficacy of strict glyceemic control in the first three days of stroke versus standard glyceemic control.

Acute Musculoskeletal Pain; protocol CAPSS- 216. Year = 2004-5.

PI: Rawle A Seupaul MD

Ortho-McNeil Pharmaceuticals

This phase III trial sought to determine the safety and efficacy of tramadol HCL/acetaminophen versus hydrocodone bitartrate/acetaminophen versus placebo in subjects with acute musculoskeletal pain.

Administration of dratrecogin alfa in early-stage early sepsis (ADDRESS). Year=2003-4.

PI: Richard Kohler MD; Department of Internal Medicine.

Role: Co-investigator

Eli Lilly

This trial sought to support an indication for the use of drotrecogin alfa in early-stage severe sepsis.

AMPA receptor antagonist treatment in ischemic stroke trial, YM872 +t-pa (ARTIST). Year = 2003.

PI: Askiel Bruno MD; Department of Neurology.

Role: Co-investigator

Yamanouchi USA Inc

A multicenter randomized controlled trial evaluating the neurologic function and disability in patients with acute ischemic stroke given tissue plasminogen activator plus YM872 or tissue plasminogen activator plus placebo.

Unfunded:

Improving Statewide Acute Care Access, Quality and Delivery. Blue and You Foundation. (2015)

Amount: \$66,411.

The influence of patient, provider, and contextual factors on pain treatment

PI: Adam Hirsh, PhD (2014)

Role: Co-investigator

NIH R01-PA-10-006 Duration: 4 years

Amount: \$1,525,458

Patient, provider, and contextual influences on clinical decision making.

PI: Adam Hirsh PhD; Department of Psychology. (2013)

Role: Co-investigator

NIH (R01-RFA-MH-12-130); \$1,500,000

Impact Score: 36

Knowledge to action fellowship. (2012)

PI: Eddy Lang

Role: Co-investigator

SAEM board of directors; \$6,600

PROFESSIONAL SERVICES:Service to patients/clients and related clinical institutions:

University of Arkansas for Medical Sciences	2013-present
Wishard Emergency Department (now Eskanazi Health)	2000-2013

SCHOOL of MEDICINE SERVICE:**University of Arkansas for Medical Sciences**

Magnet Steering Committee	2021-2022
Co-Chair	2019-2022
<ul style="list-style-type: none"> • Palliative Care committee • Medical Records • Utilization Management 	
Academic Conflict of interest committee	2019-2022
Justification for Recruitment (Position control)	2019-present
Quality and Safety Executive Sponsor	2019-present
<ul style="list-style-type: none"> • Mortality • LOS • Patient Experience • Institutional Flow 	
UAMS Vision 2029 Retreat (invited leader)	2018
Executive Leadership Tactical Group (invited member)	2018-present
Credentials Committee	2016-present
Chair	2018-2019
Dean's Executive Committee	2015-2018
Residency Allocation Committee	2015-2016
Regulates/Examines resident FTE requests	
Chair, Patient Values Council	2014-2016
Clinical Transformation Committee	2015-2018
LCME reaccreditation subcommittee	2013-2014
Faculty Group Practice Board	2013-2018
Council of Department Chairs	2013-present
COM Incentive Subcommittee	2013
Hospital Medical Board	2013-present
Executive Committee	2014-2022
Chair	2018-2019
Joint Practice Committee	2013-2018
Graduate Medical Education Committee	2013-2022
Chair	2019-2020
Distinguished Faculty Scholar/Dean's Selection Committee	2013-2016
Emergency Preparedness Committee	2013-2017
Search Committees	
Director and Chair, Psychiatric Research Institute	2014
Chief Clinical Officer	2014
Chief Nursing Officer	2019
Chief HR Officer	2019
Chair, Internal Medicine	2020
Chair, Family Medicine	2021
Associate Dean of Health Equity	2022
Chair & SL Director of Neurology and Neurosciences (Comm. Chair)	2022

Vice Chancellor for People and Culture

2022

Department of Emergency Medicine

Clinical Operations	2013-present
Chair, Promotion and Tenure	2013-2014
Education	2013-present

State of Arkansas

TAC System Outcomes Evaluation Committee	2014-2016
Trauma Advisory Council (AR Department of Health)	

IU School of Medicine & Wishard Hospital

Wishard Stroke Committee	2010-2012
Wishard Stroke Center Subcommittee	2000-2004
Medical Student advisor	2001-2013
Wishard Health Fair	2003-2013
Rawls Scholar Program	2005-2013

Collaborative effort between Wishard, IU, and community outreach programs to expose underserved youth to the field of medicine.

Statewide Director for Biostatistics and Evidence Based Medicine	2006-present
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This position was formed and voted on by the Evidence Based Medicine Task Force in response to citations from the Liaison Committee on Medical Education (the accrediting authority for medical education programs). They recognized a wide variability in the implementation of these curricula across the School of Medicine's campuses. My mission is to coordinate and equalize the EBM and Biostatistics curricula amongst all IU centers.

IU School of Medicine Committees:

Academic Standards Committee	2012-2013
Curriculum Council Component I	2005-2013
Team Leader: Curricular Reform Problem Solving	2011-2012
Team Leader: Curricular Reform Team: LLL and Problem Solving	2010-2011
Search and Screen Committee	2009-2010
Chair, Department of Emergency Medicine	
Life Long Learning Competency	2005-2006
Evidence Based Medicine Task force	2005-2007
Internal Review Committee	2007
Vascular Neurology Fellowship	

Department of Emergency Medicine

Resident advisor	2001-2013
Wishard/Methodist resident transition task force	2000-2001

Committees:

Education Committee	2002-2013
Faculty Development and Mentorship Committee	2009-2013
• Chair: Recruitment/Collaboration Subcommittee	2012
Research Committee:	
• Chair	2003-2005
• Associate Research Director for Resident Scholarly Activity	2004-2013
• Associate Research Director for Clinical Trials	2002-2004
• Director: Research Day, Dept. of Emergency Medicine	2002-2011

Our Research Day activities are part of the annual IN ACEP state meeting. Each year, the Presidents of both SAEM and ACEP are in attendance for an audience of over 100 EM MDs from around the state of Indiana.

Journal Club Panel	2009-2010
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OTHER PROFESSIONAL ACTIVITIES:

National/EM Organizations

Academy of Academic Chairs in Emergency Medicine	2013-present
American Board of Emergency Medicine (ABEM) Oral Board Examiner	2007-present
Peer reviewer:	
Academic Emergency Medicine	2011-present
Annals of Emergency Medicine	2009-present
Journal of Emergency Medicine	2002-present
Clinical Pathologic Case Conference Semi-finalist	
New York, NY	2005
Orlando, FL	2004
Boston, MA	2003
Pearls of Wisdom Oral Board Review Course examiner	2004-2007
American Academy of Emergency Medicine; Orlando, FL	
Emergency Medicine Basic Research Skills Course (EMBRs)	2001-2002
American College of Emergency Medicine; Dallas, TX	

Evidence Based Medicine

How to Teach Evidence Based Medicine	
McMaster's University; Ontario, Canada	
• Director - Emergency Medicine Track	2010-2015
• Tutor (faculty instructor)	2010-2015
• Tutor – Trainee	2009
• Student	2002

This international course is the premiere EBM course in the world and considered the “Gold” Standard for formal EBM training. The course is led by the “founders” of EBM at the McMaster's University School of Medicine. (attendance >100/yr).

Teaching Evidence Assimilation for Collaborative Healthcare
New York Academy of Medicine; Manhattan, NY

The “TEACH course” is touted as the best course in North America. It is led by the most recognized leaders in the field of EBM in North America and is attended by MDs from around the world (e.g. Canada, Brazil, Sweden, Switzerland). (attendance 70+/yr).

- Tutor (faculty instructor) 2005-2010
- Tutor – Trainee 2004

Best Evidence in Emergency Medicine (BEEM)

- Faculty 2007-2015
- Section Director/Editor (Clinical Decision Rules) 2009-2015

The “BEEM” group is comprised of an international faculty that is recognized for expertise in Evidence Based Medicine and Knowledge Translation research and education. The group was initiated by faculty from the McMaster University which is the premiere site for the development of Evidenced Based practice principles. The group has three arms: research, publishing evidenced synopses, and CME. The bi-annual CME course provides participants with concise critical appraisals of the most recent best evidence applicable to the practice of Emergency Medicine.

Oxford University: Teaching Evidence-Based Practice Workshop
St Hugh's College, Oxford, England

- Tutor (Faculty Instructor) 2012-2014
- Student 2011

PUBLICATIONS:

Peer Reviewed

In Rank as Professor of Emergency (UAMS)

1. Hadden, K., McLemore, H., White, W., Marks, M., Gan, J., **Seupaul, R.** Implementation of a Health-Literate Patient Decision Aid for Chest Pain in the Emergency Department. *Patient Educ and Couns.* 2020 Apr;103(4):864-869. PMID: 31761525.
2. Chennapan K, Mullinax S, Anderson E, Landau M, Nordstrom K, **Seupaul RA**, Wilson MP, Michael P, Wilson. Medical screening of mental health patients in the emergency department: A systematic review. *J Emerg Med*; 2018 Dec; 55(6):799-812. PMID: 30316619
3. Watkins WW, Seupaul RA. Are Corticosteroids Superior to Nonsteroidal Anti-Inflammatory Drugs in the Treatment of Acute Gout? *Ann Emerg Med.* 2018
4. Brodrick ZT, Freeze-Ramsey R, **Seupaul RA**. Among Patients With Intracerebral Hemorrhage, Is Intensive Blood Pressure Decreasing Associated With Improved Outcome? *Ann Emerg Med.* 2018 Feb 15
5. Wilson, MP. **Seupaul RA**. Are there tools to screen children and adolescents in the ED with mental health and substance abuse issues? *Ann Emerg Med.* 2018 Feb;71(2):233-235.
6. Abramo TJ, Harris ZL, Meredith M, Crossman K, **Seupaul R**, Williams A, McMorrow S, Dindo J, Gordon A, Melguizo-Castro M, Hu Z, Nick T: Cerebral oximetry with cerebral blood volume index in detecting pediatric stroke in a pediatric ED. *Am J Emerg Med*; 2015 Nov;33(11):1622-9. PMID: 26320671
7. Welch J. Seupaul RA. Update: Does Succinylcholine Create Better Intubating Conditions than Rocuronium for Rapid Sequence Intubation? *Ann Emerg Med.* 2016. Epub ahead of print. PMID: 27823870
8. Williams TS, Seupaul RA. Can Noncontrast Head Computed Tomography Within 6 Hours of

- Symptom Onset Exclude Aneurysmal Subarachnoid Hemorrhage? *Ann Emerg Med.* 2016 May 27. pii: S0196-0644 PMID: 27238826
9. Maddox RP, **Seupaul RA**. What Is the Most Effective Treatment of Superficial Thrombophlebitis? *Ann Emerg Med.* 2016 May;67(5):671-2. PMID: 26707361
 10. Abramo TJ, Harris ZL, Meredith M, Crossman K, Seupaul R, Williams A, McMorro S, Dindo J, Gordon A, Melguizo-Castro M, Hu Z, Nick T. Cerebral oximetry with cerebral blood volume index in detecting pediatric stroke in a pediatric ED. *Am J Emerg Med.* 2015 Jul 22. pii: S0735-6757(15)00593-8. [Epub ahead of print] PMID: 26320671.
 11. Hohertz B, **Seupaul RA**, Holmes TM. Are colloids better than crystalloids for fluid resuscitation in critically ill patients? *Ann Emerg Med.* 2015 Apr; 65(4):443-4.
 12. Dickson R, Nedelcut A, **Seupaul R**, Hamzeh M. STOP STEMI©-A Novel Medical Application to Improve the Coordination of STEMI Care: A Brief Report On Door-to-Balloon Times After Initiating the Application. *Crit Pathw Cardiol.* 2014 Sep;13(3):85-8. PMID: 25062390.
 13. Eastin TE, Snipes C, **Seupaul RA**. Are Antifibrinolytic Agents Effective in the Treatment of Aneurysmal Subarachnoid Hemorrhage? *Ann Emerg Med.* 64(6):658-9. Dec 2014. PMID: 24954579
 14. Hunter BR, O'Donnell DP, Allgood KL, **Seupaul RA**. No benefit to prehospital initiation of therapeutic hypothermia in out-of-hospital cardiac arrest: a systematic review and meta-analysis. *Acad Emerg Med.* 2014 Apr;21(4):355-64. PMID: 24730397.
"Disseminated by both ACCESS and BMJ Updates as highly relevant and newsworthy"
 15. Vrablik ME, Snead GR, Minnigan HJ, Kirschner JM, Emmett TW, **Seupaul RA**. The Diagnostic Accuracy of Bedside Ocular Ultrasonography for the Diagnosis of Retinal Detachment: A Systematic Review and Meta-analysis. *Ann Emerg Med.* 2014 Mar 27. Review.PMID: 24680547
 16. Hunter BR, Keim SM, **Seupaul RA**, Hern G. Are plain radiographs sufficient to exclude cervical spine injuries in low-risk adults? *J Emerg Med.* 2014 Feb;46(2):257-63 PMID: 24342907
 17. Hourmozdi JJ, Hawley DA, MD, Hadi CM, Tahir B, **Seupaul RA**. Streptococcal necrotizing myositis: a case report and clinical review. *J Emerg Med.* 2014 Mar;46(3):436-42. PMID: 24161226.
 18. Snead GR, **Seupaul RA**. Does This Patient Have a Severe Upper Gastrointestinal Bleed? *Ann Emerg Med.* Ann Emerg Med. 2013 Dec;62(6): 627-628. PMID: 23706749
 19. Chandler A, Freeze-Ramsey R, **Seupaul RA**. Is the use of haloperidol a safe and effective method of tranquilization for patients with psychosis-induced aggression or agitation? *Ann Emerg Med.* 2014 Jun;63(6):757-8. PMID: 24275570.
 20. Maddox RP, **Seupaul RA**. Is ketamine effective for the management of acute asthma exacerbations in children? *Ann Emerg Med.* 2014 Mar;63(3):309-10. PMID: 24268906
 21. Smolarz CM, Hohertz B, **Seupaul RA**. Are antibiotics required for the treatment of uncomplicated diverticulitis? *Ann Emerg Med.* 2014 Jan;63(1):52-3. PMID: 23992942
 22. Wakai A, McCabe A, Kidney R, Brooks SC, **Seupaul RA**, Diercks DB, Salter N, Fermann GJ, Pospisil C. Nitrates for acute heart failure syndromes. *Cochrane Database of Systematic Reviews.* 2012. *Cochrane Database Syst Rev.* 2013 Aug 6;8:CD005151. PMID:23922186

Abstracts:

1. **Seupaul RA**, Eastin C, Eastin T, Maddox R, Sparks C. Solving Emergency Department Left Without Being Seen [Abstract]. *Am J Med Qual.* 2022; 37(3S): S117-8.
2. Brodrick ZT, Maddox RP, Easdon MJ, Sparks C, **Seupaul RA**, Eastin TR, Eastin CD. The Physician-in-Triage Model Improves the Overall Proportion of Patients Treated [Abstract]. *Acad Emerg Med.* 2021; 28(S1), S255-6.
3. Saleema Karim, Austin Porter, Tina Benton, Renee Joiner, David Fletcher, Rachel Ott², Terri Imus, **Rawle A Seupaul**, Curtis Lowery. *Unnecessary Transfers: The Potential Role for Telemedicine.* Arkansas Public Health Association. May. Little Rock, AR 2017.
4. Eastin CD, Eastin TR, Wilbur LW, **Seupaul RA**. A Novel Approach to Mandatory Resident Scholarly Activities. [Abstract] *West J Emerg Med.* 2016; 17(Supplement), S43.
5. Kinchen D, Eastin C, Eastin E, **Seupaul R**. Rural Emergency Medicine: A New Elective for Real World Experience. *W J Emerg Med* S68;17:4.1, 2016.

6. Dickson R, Nedelcut A, **Seupaul R**, Hamzeh M. STOP STEMI©-A Novel Medical Application to Improve the Coordination of STEMI Care: A Brief Report On Door-to-Balloon Times After Initiating the Application. *Crit Pathw Cardiol.* 2014 Sep;13(3):129.
“Presented at the 17th Congress of the Cardiovascular Patient Care Center”
7. Hunter BR, O'Donnell DP, Allgood KL, **Seupaul RA**. The Effect of Prehospital Therapeutic Hypothermia on Mortality and Neurologic Outcomes in Out-of-Hospital Cardiac Arrest: A Systematic Review and Meta-Analysis. *Acad Emerg Med.* 2013 May;20(s1): s132-133.
“Presented at the annual meeting as an oral presentation and the Gallery of Excellence”
8. Minnigan HJ, Snead GR, Vrablik ME, Kirschner JM, **Seupaul RA**. The Diagnostic Accuracy of Bedside Ocular Ultrasound in the Diagnosis of Retinal Detachment: A Systematic Review And Meta-analysis. *Acad Emerg Med.* 2013 May;20(s1): s215.
“Presented at the annual meeting as an oral presentation and the Gallery of Excellence”

In Rank of Associate Professor of Clinical Emergency Medicine:

23. Cooper DD, **Seupaul RA**. Is Water Effective for Wound Cleansing? *Ann Emerg Med.* 2012 Nov;60(5):626-7. PMID: 22841710
24. Hunter BR, **Seupaul RA**. Are There Pharmacologic Agents That Safely and Effectively Treat Post-Lumbar Puncture Headache? *Ann Emerg Med.* 2013 Jan;61 (1):84-5 2012. PMID: 22520992
25. Kirschner JM, **Seupaul RA**. Does computed tomography rule out clinically significant cervical spine injuries in obtunded or intubated blunt trauma patients? *Ann Emerg Med.* 2012 Dec;60(6):737-8. PMID: 22405685
26. Carter B, **Seupaul RA**. Update: Antiemetics for Vomiting Associated With Acute Gastroenteritis in Children. *Ann Emerg Med.* 2012 Sep;60(3):e5-6. PMID: 22424648.
27. Cooper DD, **Seupaul RA**. Does This Patient With Minor Head Trauma Need Neuroimaging? *Ann Emerg Med.* 2012 Sep;60 (6):368-9.Mar 2. PMID: 22387084
28. Kirschner JM, **Seupaul RA**. Do medical interventions for traumatic hyphema reduce the risk of vision loss? *Ann Emerg Med* 2012 Aug;60 (2):197-8. PMID: 22245179
29. Chastain B, **Seupaul RA**. Traumatic Gallbladder Rupture. *J Emerg Med* 2013 Feb;44(2):475-5. PMID: 22503100.
30. Hunter BR, **Seupaul RA**. Interrater reliability of history and physical examination is limited among children with possible appendicitis. *J Pediatr.* 2012 Sep;161(3):566. PMID: 22916978.
31. Wilbur L, **Seupaul RA**. Can rapid viral testing in the emergency department reduce antibiotic use in children? *Ann Emerg Med.* 2012 May; 59(5):404-5.
32. Hunter BR, **Seupaul RA**. Rapid rehydration is not better than standard IV hydration in dehydrated pediatric patients with gastroenteritis. *J Pediatr.* 2012 May;160(5):885-6. PMID 22516335.
33. **Seupaul RA**, Welch JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Shortcut Review. *Ann Emerg Med.* 2012. Apr;59(4):307-317. PMID: 22153998.
“Disseminated by both ACCESS and BMJ Updates as highly relevant and newsworthy”
34. Cooper DD, **Seupaul RA**. Is Adjunctive Dexamethasone Beneficial in Patients With Bacterial Meningitis? *Ann Emerg Med.* 2012 Mar;59(3):225-6. PMID: 22088494
35. Cooper DD, **Seupaul RA**. Does Buffered Lidocaine Decrease the Pain of Local Infiltration? *Ann Emerg Med.* 2012 Apr;59(4):281-2. PMID: 21820761
36. Wilbur LG, **Seupaul RA**. Should topical NSAIDS be used to treat acute musculoskeletal conditions? *Ann Emerg Med.* 2012 Apr;59(4):283-4. PMID: 21982152
37. **Seupaul RA**. Cephalexin is as effective as clindamycin for the treatment of uncomplicated soft tissue and skin infections in children. *J Pediatr.* 2011 May;158(5):861-2. PMID: 21482249.
38. Wilbur LG, **Seupaul RA**. Are tissue adhesives an acceptable alternative for simple lacerations. *Ann Emerg Med.* 2011 Oct;58(4):373-374. PMID: 21624705
39. Ross CT, **Seupaul RA**. Minimizing Medical Error: Standardization of Patient Handoff in the ED. *Am J Emerg Med.* 2011 Jun;29(5):567-8. PMID: 21514086

40. Wilbur LG, **Seupaul RA**. Do triptans effectively treat acute cluster headache in the ED? *Ann Emerg Med*. 2011 Sep;58(3):284-5. PMID: 21396737
41. Weinstein E, **Seupaul RA**. What is the role of antiemetics in the treatment of children with acute gastroenteritis? *Ann Emerg Med*. 2011 Oct;58(4):371-372. PMID: 21546121.
42. **Seupaul RA**, Wilbur LG. Does Therapeutic Hypothermia Benefit Survivors of Cardiac Arrest? *Ann Emerg Med*. 2011 Sep;58(3):282-3. PMID: 21435740.
43. **Seupaul RA**, Jones JH. Does Succinylcholine Maximize Intubating Conditions Better Than Rocuronium for Rapid Sequence Intubation? *Ann Emerg Med*. 2011 Mar;57(3):301-2. PMID: 20869137
44. **Seupaul RA**. What is the Appropriate Antibiotic Course for the Treatment of Urinary Tract Infections in Children? *Ann Emerg Med*. 2010 Sep;56(3):300-301. PMID: 20471714.
45. **Seupaul RA**. Should I consider treating patients with acute cardiogenic pulmonary edema with noninvasive positive-pressure ventilation? *Ann Emerg Med* 2010 Mar;55(3):299-300. PMID: 19695739
46. Eastin T, Wilbur LG, **Seupaul RA**. Painful red eye. *West J Emerg Med*. 2009 May;10(2):e9. PMID: 19561819
47. **Seupaul RA**, Worster A. Evidence-based emergency medicine/rational clinical examination series. Is this patient having a stroke? *Ann Emerg Med*. 2009 Jul;54(1):120-2. PMID: 18842324
48. Carpenter CR, Keim SM, **Seupaul RA**, Pines JM. Differentiating Low-Risk and No-Risk PE Patients: The PERC Score. *J of Emerg Med*. 2009. 36(3):317-22. PMID: 19097732.
“Rated #1 most read article by EM MDs for 2009 by Medscape and #5 for all subspecialties overall”

Abstracts

1. **Seupaul RA**, Welch JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Shortcut Review. *Wild Med Soc*. June 2012 Jun;23(2):195.
2. **Seupaul RA**, Welch JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Review. *Ann Emerg Med* 2011. Oct;58(4):s311.
3. Kirshner JM, Minnigan HJ, Snead GR, Vrablik ME, **Seupaul RA**. A Systematic Review of the Diagnostic Accuracy of Bedside Ocular Ultrasound in the Diagnosis of Retinal Detachment. *AIUM*. 2013.

Other

1. **Seupaul RA**, Welch, JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Review. *Ann Emerg Med* 2011. Nov; 60(5):672. (Letter).
2. Kirschner JM, **Seupaul RA**. Lumbar Puncture. <http://pier.acponline.org/index.html>. [Date accessed: 2012 Feb 8] In: PIER [online database]. Philadelphia, American College of Physicians, 2012.
3. **Seupaul RA**. Diarrhea. In: Mahavedan SV and Garmel G, eds. *Clinical Emergency Medicine: A Guide For All Practitioners*. Cambridge University Press 2012; in press. (Book Chapter).
4. **Seupaul RA**. Is a D-Dimer Always Necessary When PE is Being Considered? *EM Physicians Monthly*. Accessed September 1, 2009.
http://www.epmonthly.com/index.php?option=com_content&task=view&id=477&Itemid=76.
5. **Seupaul RA**. Lumbar Puncture. <http://pier.acponline.org/index.html>. [Date accessed: 2009 Feb 8] In: PIER [online database]. Philadelphia, American College of Physicians, 2008.
6. **Seupaul RA**. Perform a LP and analyze the results to diagnose bacterial meningitis. *EM Physicians Monthly*. Accessed Aug 18, 2008.
<http://www.epmonthly.com/index.php>
7. **Seupaul RA**, Basset R, McDowell C. Urinary Tract Infection. In: Rowe B et al eds. *Evidence Based Emergency Medicine*. Wiley-Blackwell; 2008. (Book Chapter)
8. **Seupaul RA**, Pursley R. Calcium, Magnesium, Phosphorous. In: Adams, Barton, et al eds. *Emergency Medicine*. Elsevier; 2008. (Book Chapter)

Podcasts

1. Milne K, **Seupaul RA**. Getting Un-Stoned (Renal Colic). The Skeptics Guide to Emergency Medicine (www.thesgem.com). September 6, 2012.
2. Milne K, **Seupaul RA**. Every Breath You Take (Acute Cardiogenic Pulmonary Edema). The Skeptics Guide to Emergency Medicine (www.thesgem.com). October 8, 2012.
3. Milne K, **Seupaul RA**. You Can Ring My Bell (Bell's Palsy). The Skeptics Guide to Emergency Medicine (www.thesgem.com). December 9, 2012.
4. Milne K, **Seupaul RA**. Vitamin H(aldol). The Skeptics Guide to Emergency Medicine (www.thesgem.com). September 22, 2013.
5. Milne K, **Seupaul RA**, Hughes J. Stone Me to My Soul: Renal Colic Systematic Review. The Skeptics Guide to Emergency Medicine (www.thesgem.com). April 11, 2014.

“Best of the week FOAMed” and referenced in Zite

Reviewed on FOAMcast:

<https://itunes.apple.com/ca/podcast/foamcast/id879281888?mt=2&i=313455358>

6. Milne K, **Seupaul RA**, Wright S. Hippy Hippy Shake – Ultrasound Vs. CT Scan for Diagnosing Renal Colic. The Skeptics Guide to Emergency Medicine (www.thesgem.com). November 30, 2014.
7. Milne K, **Seupaul RA**, Fowler C. You spin me right round baby like benign positional vertigo. The Skeptics Guide to Emergency Medicine (www.thesgem.com). February 20, 2015.
8. Milne K, **Seupaul RA**, Phan N. Here we go again: Kidney Stone. The Skeptics Guide to Emergency Medicine (www.thesgem.com). May 16, 2016
Rated the Best of #FOAMed: <http://lifeinthefastlane.com/litfl-review-231/>
9. Milne K, Seupaul RA, Littlefield R. Lidocaine for renal colic? The Skeptics Guide to Emergency Medicine (www.thesgem.com). January 14, 2018
10. Milne K, Seupaul RA, Cunningham CC. Acupuncture vs. Morphine for Renal Colic. (www.thesgem.com). May 26, 2018.
11. Seupaul RA. Ask A Chair. SAEM/RAMS. Dec 2020.
(<https://www.saem.org/education/podcasts/rams-podcasts/rams-ask-a-chair-podcast>)

In Rank of Assistant Professor of Clinical Emergency Medicine:

49. **Seupaul RA**, Chisholm CD. The Knowledge Translation Shift. Acad Emerg Med 15(s1): s230. 2008.
50. O'Donnell DP, **Seupaul RA** (2008). Klippel-Feil Syndrome. Am J Emerg Med. 2008 Feb;26(2):252.e1-2. PMID: 18272131
51. Diner BM, Carpenter CR, O'Connell T, Pang P, Brown MD, **Seupaul RA**, Celentano JJ, Mayer D, for the Theme IIIa Group. Graduate Medical Education and Knowledge Translation: Role Models, Information Pipelines, and Practice Change Thresholds. Acad Emerg Med. 14(5): 1008-1014. 2007. PMID: 17967963
52. Lemme KA, **Seupaul RA**. Anticonvulsant Hypersensitivity Syndrome. J of Emerg Med. 33(2): 195-6. 2007. PMID: 17692775
53. Wolff A, **Seupaul RA**, Ferry GF. Duplicated Subclavian Vein. J Emerg Med. 33(1):71-2. 2007. Epub 2007 May 30. PMID: 17630079
54. **Seupaul RA**. Evidence-based emergency medicine/rational clinical examination. How do I perform a lumbar puncture and analyze the results to diagnose bacterial meningitis? Ann Emerg Med. 50(1): 85-87. 2007. PMID: 17577949
55. **Seupaul RA**, Heyden E, Weinstein E. Evidence Based Medicine Immersions for Emergency Medicine Residents. Acad Emerg Med. 14(5): s214-215, 2007.
56. Bagwell SH, **Seupaul RA**. A Child with Orbital Cellulitis. Ann Emerg Med. 48:633, 2006. PMID: 17052567

57. Ahlers KM, **Seupaul RA**. Pemphigus Vulgaris. *Ann Emerg Med*. 47:395. 2006. PMID: 16546628
58. **Seupaul RA**, Hauter WE, Somerville GG, Viscusi CD, Shepard AJ, Robinson BA. "Prevalence of Post Dural Puncture Headache After ED Performed Lumbar Puncture". *AJEM*. 23:913-5, 2005. PMID: 16291456
59. Finnell JT, **Seupaul RA**. Experiential Learning in Emergency Medicine. *Ann Emerg Med*. (abstract) 46:s29, 2005.
60. **Seupaul RA**, Lemme KA. Toddler's Fracture. *Ann Emerg Med*. 46(6): 490,497, 2005. PMID: 16308059
61. Lemme KA, **Seupaul RA**. Parinaud's Oculoglandular Syndrome. *Ann Emerg Med*. 46(5): 406, 423, 2005. PMID: 16271667
62. Belville RG, **Seupaul RA**. Winged Scapula. *J of Emerg Med*. 29(3): 279-282, 2005. PMID: 16183446
63. **Seupaul RA**, Stepsis T. Idiopathic renal thrombosis presenting to the ED as pyelonephritis. *AJEM*. 23(3): 417-419, 2005. PMID: 15915437
64. **Seupaul RA** and Collins R. Evidence-based emergency medicine/rational clinical examination. Physical examination of the liver. *Ann Emerg Med*. 45(5): 553-5, 2005. PMID: 15861532
65. Belville RC, **Seupaul RA**. Pain measurement in pediatric emergency care: A review of the Faces Pain Scale-Revised. *Ped Emerg Care*. 21(2):90-93. 2005. PMID: 15699816
66. **Seupaul RA**. Diarrhea. In: Mahavedan SV and Garmel G, eds. *Clinical Emergency Medicine: A Guide For All Practitioners*. Cambridge University Press; 2005. (Book Chapter)
67. **Seupaul RA**. Neurogenic Shock. In: Kline et al eds. *Just the Facts in Emergency Medicine*. McGraw-Hill; 2004. (Book Chapter)
68. **Seupaul RA**. Neurogenic Shock. In: Kline et al eds. *Handbook of Emergency Medicine*. McGraw-Hill; 2004. (Book Chapter)
69. **Seupaul RA**. Cardiogenic Shock. In: Kline et al eds. *Just the Facts in Emergency Medicine*. McGraw-Hill; 2004. (Book Chapter)
70. **Seupaul RA**. Cardiogenic Shock. In: Kline et al eds. *Handbook of Emergency Medicine*. McGraw-Hill; 2004. (Book Chapter)
71. Wivel A, Kime R, **Seupaul RA**, Giles B. Treatment and Assessment of Pain in Children With Extremity Fractures. *Ann Emerg Med* (abstract). 44:s85, 2004.
72. **Seupaul RA**. Oligoanalgesia in very young pediatric patients. (letter) *Ann Emerg Med*. 43: 292, 2004. PMID: 15083844
73. **Seupaul RA**. Visual Analog Pain Scores and the Need for Analgesia. (letter) *Acad Emerg Med*. 10: 1012, 2003. PMID: 12957990
74. **Seupaul RA**, Hauter WE, Somerville GG, Viscusi CD, Shepard AJ, Robinson BA. "Prevalence of Post Dural Puncture Headache After ED Performed Lumbar Puncture". *Acad Emerg Med* (abstract). 10: 542-543. 2003.
75. **Seupaul, RA**. Cardiogenic Shock. In: Kline et al eds. *Just the Facts in Emergency Medicine*. McGraw-Hill; 2001. (Book Chapter)
76. **Seupaul RA**. Neurogenic Shock. In: Kline et al eds. *Just the Facts in Emergency Medicine*. McGraw-Hill; 2001. (Book Chapter)
77. Kline JA, Kubin AK, Patel MM, Easton EJ, **Seupaul RA**. Alveolar dead space as a predictor of severity of pulmonary embolism. *Acad Emerg Med*. 7(6):611-7, 2000. PMID: 10905639
78. **Seupaul TA**, Kubin A, Patel MM, Easton EJ, Kline JA. Use of the Alveolar Deadspace Volume to Predict Severity of Pulmonary Embolism. *Acad Emerg Med* (abstract). 6(5):498, 1999.
79. Pope, B; Lambert M., Leybold B., **Seupaul, R.**, Sletten, L., Kraft, G., Klein, W. "Microtubule Associated Protein Tau is Hyperphosphorylated During Mitosis in the Human Neuroblastoma Cell Line SH-SY5Y". *Experimental Neurology* 126:185-194, 1994. PMID: 7925819

IV. Acknowledgements

1. Hedges JR, Baker WE, Lanoix R, Field DL. Use of Monitoring Devices for Assessing Ventilation and Oxygenation. In: Roberts and Hedges et al eds. *Clinical Procedures in Emergency Medicine*. Saunders 2004.

OTHER PROFESSIONAL ACTIVITIES:**Invited Presentations and Workshops (Regional, National, & International):***In Rank as Professor*

1. **Seupaul RA**, Diercks D, Hamilton R, Brice J. Do I need an advanced degree to become an physician executive? SAEM annual meeting. Houston, Texas. May, 2023
2. **Seupaul RA**. Transformational Leadership: Tales of Emotional Intelligence. SAEM's eLEAD (emerging leader development program). August 2022. (via zoom).
3. Kwon N, Salvador A, Franks N, Hollander J, **Seupaul RA**. Diversity of Leadership Opportunities for the Emergency Medicine Physician. SAEM Annual Meeting. New Orleans, LA. May 2022.
4. **Seupaul RA**, Sokolove P, McCoin N, Carr B. Cocktails with Chairs. SAEM Annual Meeting. New Orleans, LA. May 2022.
5. Seupaul RA, Eastin C, Eastin T, Maddox R, Sparks C. Solving Emergency Department Left Without Being Seen. Poster Presentation, Vizient Unite 2020. Las Vegas, NV. November 2021.
6. **Seupaul RA**. Scholar's Day guest Professor. Unity Health Emergency Medicine residency Program. Searcy, AR. June 2021.
7. Kwon N, Lall M, Pampolina M, Salvador A, D'Onofrio G, Ogle K, **Seupaul RA**. Women in Emergency Medicine Leadership: A Call for Faculty Development and Improving the Pipeline. SAEM Annual Meeting. Virtual. 2021.
8. Hunter B, Lang E, Brown M, **Seupaul RA**. Building a Career as an Evidence-based Medicine Expert. SAEM Annual Meeting. Virtual. 2021.
9. **Seupaul RA**: "EMS and EM Management of Acute Stroke". UAMS Institute for Digital Health and Innovation. Hot Springs, AR. September 2019.
10. **Seupaul RA**: "An Introduction to EBM". Learn on Demand. Little Rock, AR. September 2019.
11. Wilson, George, Jones, **Seupaul RA**. "Palliative Care in Emergency Medicine". Learn on Demand. Little Rock, AR. July 2019.
12. **Seupaul RA**: "Creative Airway Management". Arkansas Osteopathic Medical Association Annual Meeting. Branson, MO. August 2019.
13. **Seupaul RA**: "Pearls of wisdom: Lumbar Puncture". Arkansas Osteopathic Medical Association Annual Meeting. Branson, MO. August 2019.
14. **Seupaul RA**. Leadership: A novice's perspective? Carolinas Medical Center Visiting Professor Lecture. Charlotte, NC. June 2019.
15. **Seupaul RA**. "The Diagnostician". Greenville Health Department of Emergency Medicine. Greenville, SC. February 2018.
16. **Seupaul RA**. "Creative Airways". Greenville Health Department of Emergency Medicine. Greenville, SC. February 2018.

17. Hadden KB, Prior FW, Prince LY, **Seupaul RA**, Barnes CL. “Patient Health Literacy Screening: An Informatics Approach.” International Conference on Communication and Healthcare/Health Literacy, Annual Research Conference. Baltimore, MD. October 2017 (poster).
18. **Seupaul RA**. “Emerg-Internal Medicine”. American College of Physicians, Arkansas Chapter. Little Rock, AR. September 2017.
19. Development of a Health-literate decision instrument for low-risk chest pain in the ED. ACEP National Research Forum. Washington, DC. October 2017.
20. **Seupaul RA**. ICARE conference. Fayetteville, AR. May 2017:
 - Director and Moderator, ICARE conference
 - Moderator, Active Shooter Response Tabletop
 - Active shooter simulation director
 - Panelist, Acute Coronary Syndromes
 - Moderator, Rapid Fire Didactics, Time is Brain: Considerations for Acute Care Response in Rural Areas
21. Smith B, Stewart K, **Seupaul RA**. Identifying Facilitators and Barriers to the Integration of Community Health Workers in Emergency Medicine Settings. ICARE conference. Fayetteville, AR. May 2017.
22. Jones G, **Seupaul RA**. Integration of Clinical Pharmacy Services in Emergency Medicine: Cost Avoidance and Qualitative Outcomes. ICARE conference. Fayetteville, AR. May 2017.
23. **Seupaul RA**. “Diversity in Emergency Medicine”. University of Florida School of Medicine. Diversity Week. Gainesville, FL. April 2017.
24. **Seupaul RA**. “Reflections of a Diagnostician”. University of Florida School of Medicine. Gainesville, FL. April 2017.
25. **Seupaul RA**. “Pre-hospital Stroke Management”. Arkansas Pre-hospital Medical Director’s conference. Arkansas Department of Health. Little Rock, AR. April 2016.
26. **Seupaul RA**, Maxson T, Porter A. Expert Panel Discussion: pre-hospital stroke management. Arkansas Prehospital Medical Director’s conference. Arkansas Department of Health. Little Rock, AR. April 2016.
27. Eastin C, Eastin T, Kinchen D, **Seupaul RA**. Rural Emergency Medicine: A New Elective for Real World Experience (abstract). *CORD Academic Assembly* Advances in Education Research and Innovations Forum. Nashville, TN. March 2016.
28. **Seupaul RA**. Why EBM? 3rd Annual EBM Course at St. Joseph’s Regional Medical Center. Paterson, New Jersey. September 2015.
29. **Seupaul RA**. EM Journal Club. 3rd Annual EBM Course at St. Joseph’s Regional Medical Center. Paterson, New Jersey. September 2015.
30. **Seupaul RA**. “EBM on the Fly”. 16th Annual Geriatrics and Long-Term Care Update. Reynolds Aging Institute; Little Rock, AR. September 2015.
31. **Seupaul RA**, Wilbur L, Robertson R, Riggs A. “Critical Components of Geriatric Trauma Management”. Panelist and panel moderator (4 hours) 16th Annual Geriatrics and Long-Term Care Update. Reynolds Aging Institute; Little Rock, AR. September 2015.
32. Snipes C, Eastin T, Wilbur L, **Seupaul RA**. “A Novel Approach to Mandatory Resident Scholarly

- Activities.” Poster Presentation, iCare Conference, Rogers AR, July 2015.
33. Seupaul RA. “ED Access” panelist. ICARE15 Conference. Rogers, AR. July 2015.
 34. Upadyhe S, Carpenter C, **Seupaul RA**, Lang E, Milne K. “Relevance of the National Guideline Clearinghouse Repository for Emergency Medicine Practice”. ICARE15 Conference. Rogers, AR. July 2015.
 35. **Seupaul RA**. “A Discussion About Translational Medicine”. Inaugural Scholars Day. Dept. of EM. IU School of Medicine. Indianapolis, IN. May 2015.
 36. **Seupaul RA**. “Improving the Health of Arkansas: The ICARE Conference”. Bentonville Rotary. Bentonville, AR. March 2105.
 37. Upadyhe S, Carpenter C, **Seupaul RA**, Lang E, Milne K. “Relevance of the National Guideline Clearinghouse Repository for Emergency Medicine Practice”. Canadian Association of Emergency Physicians Annual Meeting (oral abstract presentation). Edmonton, Alberta, Canada. May/June 2015.
 38. **Seupaul RA**. “The Geriatric ED: Recommendations from ACEP”. ED’s Place. Little Rock, AR (broadcast statewide). November 2014.
 39. Snipes C, Eastin T, Wilbur L, **Seupaul RA**. “A Novel Approach to Mandatory Resident Scholarly Activities.” Poster Presentation, Women’s Faculty Development Caucus’ Women in Research Poster Showcase, UAMS, Little Rock AR, October 2014.
 40. **Seupaul RA**. “The Geriatric ED: Recommendations from ACEP”. 15th Annual Geriatrics and Long-Term Care Update. Reynolds Aging Institute; Little Rock, AR. September 2014.
 41. **Seupaul RA**. Why EBM? First Annual EBM Course at St. Joseph’s Regional Medical Center. Paterson, New Jersey. September 2014.
 42. **Seupaul RA**. How to Stay Current? First Annual EBM Course at St. Joseph’s Regional Medical Center. Paterson, New Jersey. September 2014.
 43. Dickson R, Nedelcut A, **Seupaul R**, Hamzeh M. STOP STEMI©-A Novel Medical Application to Improve the Coordination of STEMI Care: A Brief Report On Door-to-Balloon Times After Initiating the Application. 17th Congress of the Cardiovascular Patient Care Center. Washington D.C. May 2014.
 44. Lang E, Wyer P, Brown M, **Seupaul RA**. Beyond Google: Information Mastery at the Point of Care in the Era of Evidence Syntheses - an E-classroom Experience. SAEM Annual Scientific Meeting. Dallas, TX. May 2014.
 45. **Seupaul RA**. Creatively Avoiding Airway Disasters. ED’s Place. Little Rock, AR (broadcast statewide). April 2014.
 46. **Seupaul RA**. Controversies in Therapeutic Hypothermia. 23rd Winter Symposium of EM and Critical Care. Karpacz, Poland. March 2014
 47. **Seupaul RA**. Evidence Based Neurology. 23rd Winter Symposium of EM and Critical Care. Karpacz, Poland. March 2014.
 48. Tintinalli J, **Seupaul RA**. Rapid Neurologic Assessment Workshop. 23rd Winter Symposium of EM and Critical Care. Karpacz, Poland. March 2014

49. **Seupaul RA.** Must Know Scientific Discoveries in EM. 30th Annual EM and Critical Care Conference. Hot Springs, AR. March 2014.
50. **Seupaul RA.** Harnessing the Power of the Internet for Real Time Knowledge Translation. 30th Annual EM and Critical Care Conference. Hot Springs, AR. March 2014.
51. **Seupaul RA.** Evidence Update 2014. ED's Place. Little Rock, AR (broadcast statewide). March 2014.
52. **Seupaul RA.** Why EBM? First Annual EBM Course at St. Joseph's Regional Medical Center. Paterson, New Jersey. November 2013.
53. **Seupaul RA.** How to Stay Current? First Annual EBM Course at St. Joseph's Regional Medical Center. Paterson, New Jersey. November 2013.
54. **Seupaul RA.** EBN: Evidence Based Neurology – A 16 Year Journey. ED's Place. Little Rock, AR (broadcast statewide). October 2013.
55. **Seupaul RA.** What Kind of Thinker Are You? Carolinas Medical Center Visiting Professor Lecture. Charlotte, NC. June 2013
56. Carpenter C, **Seupaul RA.** What Happens at Mac Doesn't Have to Stay at Mac! Plenary Lecture at the 2013 McMaster How To Teach EBM Course. Hamilton, ON, Canada. June 2013.
57. Vrablik ME, Snead GR, Minnigan HJ, Kirshner, JM, Emmett TW, **Seupaul RA.** The diagnostic accuracy of bedside ocular ultrasound in the diagnosis of retinal detachment: A systematic review and meta-analysis. SAEM annual meeting. (oral abstract) Atlanta, GA. May 2013.
"Accepted for presentation in the Gallery of Excellence and nominated for best fellow presentation award"
58. Hunter BR, McDonnell DP, Allgood S, **Seupaul RA.** Prehospital hypothermia: A systematic review and meta-analysis. SAEM annual meeting. (oral abstract) Atlanta, GA. May 2013.
"Accepted for presentation in the Gallery of Excellence"
59. **Seupaul RA.** FAST exam course. Arkansas Trauma Update. Little Rock, AR. April 2013.
60. Vrablik ME, Snead GR, Minnigan HJ, Kirshner, JM, Emmett TW, **Seupaul RA.** The diagnostic accuracy of bedside ocular ultrasound in the diagnosis of retinal detachment: A systematic review and meta-analysis. American Institute of Ultrasound in Medicine Annual Meeting. (oral abstract). New York, New York. April 2013.
61. **Seupaul RA.** Cognitive Thought Patterns in Emergency Medicine. ED's Place. Little Rock, AR (broadcast statewide). April 2013.

In Rank as Associate Professor @ IU School of Medicine:

1. **Seupaul RA,** Cournoyer BR. Evidence Based Practice. Indiana University School of Social Work. October 2008.
2. **Seupaul RA.** Cochrane Reviews 2008. SunBEEM biannual meeting. Cancun, Mexico. November 2008.
3. **Seupaul RA.** BEEM bits: Pulmonary Embolism Update. SunBEEM biannual meeting. Cancun, Mexico. November 2008.

4. Carpenter C, Worster A, Upadhye S, **Seupaul RA**, Brown J, Sherbino J, Rupinder S. Innovations in Emergency Medicine Education: Defining and Delivering the “Best Evidence in Emergency Medicine”. Council of Residency Directors (CORD) Annual Meeting. Las Vegas, NV. March 2009.
5. **Seupaul RA**. “Randomized Control Trials II Update”. New York BEEM course. New York, New York. September 2009.
6. **Seupaul RA**. “Clinical Decision Rules Update”. New York BEEM course. New York, New York. September 2009
7. **Seupaul RA**. “Systematic Reviews Update”. New York BEEM course. New York, New York. September 2009.
8. Smith RJ, Wilbur L, **Seupaul RA**. AAEM’s Visual Diagnosis Contest and Visual Stimuli (6 exhibits). American Academy of Emergency Medicine’s Annual Meeting. Las Vegas, NV. March 2009.
9. **Seupaul RA**. “Neurologic Emergencies Update 2010”. Indiana ACEP annual Meeting. Indianapolis, Indiana. March 2010.
10. Smith RJ, **Seupaul RA**, Wilbur L. Visual Diagnosis Contest and Visual Stimuli (20 exhibits). Indiana Chapter of the American College of Emergency Medicine’s Annual meeting. March 2010.
11. Smith RJ, Wilbur L, **Seupaul RA**. SAEM’s Visual Diagnosis Contest and Visual Stimuli (1 exhibit). American Academy of Emergency Medicine’s Annual Meeting. Phoenix, AZ May 2010.
12. **Seupaul RA**. “Matters of the Heart”. New York BEEM course. New York, New York. September 2010.
13. **Seupaul RA**. “I...Can’t...Breath!!”. New York BEEM course. New York, New York. September 2010.
14. **Seupaul RA**. “Knowledge Translation Jeopardy”. New York BEEM course. New York, New York. September 2010.
15. Lang ES, Killian BJ, **Seupaul RA**, Viccellio P. “ED Overcrowding: Overcoming Barriers and Improving Outcomes Through an Innovative Learning Workshop” (2 hours, 100 participations). ACEP Annual Meeting. Las Vegas, NV. September 2010.
16. Lang ES, Killian BJ, **Seupaul RA**, Shapiro N. “Surviving Sepsis: Improving Care Through an Innovative Learning Workshop” (2 hours 100 participants). ACEP Annual Meeting. Las Vegas, NV. September 2010.
17. Ross CT, **Seupaul RA**. "Minimizing Medical Error: Standardization of Patient Handoff in the ED". SAEM Midwest Regional meeting. Dayton, OH. November 2010.
18. Wiederman B, Mayer D, **Seupaul RA**, Frohna J, Mylona E Ph.D, Translating Practice-Based Learning and Improvement into Reality: The Example of Evidence Based Medicine Across the Educational Curriculum. AAMC annual meeting, Washington, DC. November 2010.
19. **Seupaul RA**. “Neurologic emergencies you must know how to treat!” Division of Emergency Medicine, Washington University. St. Louis, MO. November 2010.

20. **Seupaul RA.** “Saving Lives With Cutting Edge EBM”. CORD annual meeting. San Diego, CA. March 2011.
21. Hemmert J, Wilbur L, **Seupaul RA.** AAEM’s Visual Diagnosis Contest and Visual Stimuli (8 exhibits). American Academy of Emergency Medicine’s Annual Meeting. Orlando, FL. February 2011.
22. Hemmert J, **Seupaul RA,** Wilbur L. Visual Diagnosis Contest and Visual Stimuli (20 exhibits). Indiana Chapter of the American College of Emergency Medicine’s Annual meeting. May 2011.
23. Hemmert J, **Seupaul RA,** Wilbur L. Visual Diagnosis Contest and Visual Stimuli (8 exhibits). SAEM Annual meeting. Boston, MA. June 2011.
24. **Seupaul RA.** Cardiopulmonary disorders – evidence update. Vegas BEEM course. Las Vegas, Nevada. April 2011
25. **Seupaul RA.** Cardiopulmonary disorders – evidence update part 2. Vegas BEEM course. Las Vegas, Nevada. April 2011.
26. **Seupaul RA.** BEEM Bits. Vegas BEEM course. Las Vegas, Nevada. April 2011.
27. Lang E, Wyer P, **Seupaul RA,** Newman D, “Harnessing the Power of the Internet for Bedside Teaching” (2 hours). SAEM Annual Meeting. Boston, MA. June 2011.
28. Stevens A, O’Donnel D, **Seupaul RA.** Emergency Medical Services Track Curriculum for Emergency Medicine Residents. Mediterranean Emergency Medicine Conference VI. Kos, Greece. September 2011.
“Ranked as a Top 50 abstract out of 1000 scored”
29. **Seupaul RA,** Welch JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Shortcut Review. ACEP Annual Scientific Assembly, San Francisco, CA. October 2011.
30. **Seupaul RA,** Welch JL, Malka ST, Emmett TW. Pharmacologic Prophylaxis for Acute Mountain Sickness: A Systematic Shortcut Review. Wilderness and Mountain Medicine 20th Annual WMS Winter Meeting. Park City, UT. Feb 2012.
31. Carpenter C, **Seupaul RA,** Wright S, Lang E. Beyond Evidence Based Medicine: Educational Strategies to Promote Knowledge Translation in Graduate Medical Education. SAEM Annual Meeting. Chicago, IL. May 2012.
32. **Seupaul RA,** Lang E. Harnessing the Power of the Internet for Clinical Bedside Care. International Conference on Emergency Medicine. Dublin, Ireland. June 2012. (A one day pre-conference course).
33. **Seupaul RA.** Must Know Practice Enhancing Evidence for Emergency Neurology. International Conference on Emergency Medicine. Dublin, Ireland. June 2012.
34. **Seupaul RA.** Cutting Edge Emergency Neurology. University of Arkansas Medical School, Dept. of Emergency Medicine. Little Rock, AR. September 2012.

In Rank as Assistant Professor:

35. **Seupaul RA.** “Cervical Spine Trauma”. American College of Emergency Medicine. IN Chapter Annual Meeting. February 2001.
36. **Seupaul RA.** “The Prevalence of Post Dural Puncture Headache in ED Performed Lumbar Puncture”. Oral Abstract Presentation. Society for Academic Emergency Medicine; Annual Meeting. Boston, MA. May 2003.
37. **Seupaul RA.** “Lemierre’s Syndrome”. Clinical Pathologic Case Conference. Society for Academic Emergency Medicine; Annual Meeting. Boston, MA. May 2003.
38. **Seupaul RA.** “The Difficult Airway”. 3rd Annual Respiratory Care Conference. Wishard Hospital. August 2003.
39. **Seupaul RA.** “Antiphospholipid Antibody Syndrome”. Clinical Pathologic Case Conference. Society for Academic Emergency Medicine. Orlando, FL. May 2004.
40. **Seupaul RA.** “Evidence Based Medicine - Therapy”. Union Hospital Terre Haute, IN. September 2004.
41. **Seupaul RA.** “Treatment and Assessment of Pain in Children With Extremity Fractures”. American College of Emergency Medicine; Annual Research Forum. Moderated Poster. San Francisco, CA. October 2004.
42. **Seupaul RA.** “Guillen-Barre”. Clinical Pathologic Case Conference. Society for Academic Emergency Medicine Annual Meeting. New York, NY. May 2005.
43. Finnell JT, **Seupaul RA.** “Core Curriculum in Emergency Medicine Training”. American College of Emergency Medicine; Annual Research Forum. Moderated Poster. Washington D.C. October 2005.
44. Ray A, **Seupaul RA**, Wilbur L. SAEM’s Visual Diagnosis Contest and Visual Stimuli (7 exhibits). Society for Academic Emergency Medicine Annual Meeting. San Francisco, CA. May 2006.
45. **Seupaul RA**, Heyden E, Weinstein E. “Practice What You Teach: An EBM Immersion for Emergency Medicine Residents”. The Generalists in Medical Education - Annual Meeting. Educational Moderated Discussion. Seattle, WA. October 2006.
46. Mayer D, Gaddis G, **Seupaul RA**, Sinert R, Ismach R. “A Framework for Teaching Evidence Based Medicine Across the Medical Curriculum”. AAMC - Annual Meeting. Group of Educational Affairs and the Group on Student Affairs: 3 hour Workshop. Seattle, WA. November 2006.
47. Dekraker J, Wilbur L, **Seupaul RA.** AAEM’s Visual Diagnosis Contest and Visual Stimuli (6 exhibits). American Academy of Emergency Medicine’s Annual Meeting. Las Vegas, NV. March 2007.
48. **Seupaul RA.** “EBM Workshop” (3.5 hours). Brook Army Medical Center Research Course. San Antonio, TX. January 2007.
49. **Seupaul RA.** “Practice What You Teach”. Brook Army Medical Center Research Course. Grand Rounds. San Antonio, TX. January 2007.
50. **Seupaul RA.** Evidence Based Medicine Immersion for EM Residents. Poster Presentation. Council of Residency Directors (CORD). Annual Meeting. Orlando, FL. March 2007.

51. Dekraker J, Wilbur L, **Seupaul RA**. Indiana ACEP Visual Diagnosis Contest and Visual Stimuli (25 exhibits). Indiana Chapter of the American College of Emergency Medicine's Annual meeting. Indianapolis, IN. April 2007.
52. **Seupaul RA**, Heyden E, Weinstein E. Evidence Based Medicine Immersion for EM Residents. Innovations in Emergency Medicine Education Exhibit (2 days). Society for Academic Emergency Medicine Annual Meeting. Chicago, IL. May 2007.
53. Dekraker J, Wilbur L, **Seupaul RA**. SAEM's Visual Diagnosis Contest and Visual Stimuli (11 exhibits). Society for Academic Emergency Medicine Annual Meeting. Chicago, IL. May 2007.
54. Finnell JT, **Seupaul RA**, Raines A, Callisto AC. "Experiential Learning". Society for Academic Emergency Medicine – Midwest Regional Meeting. Oral Abstract presentation. Detroit, MI. September 2007.
55. Eastin T, Wilbur L, **Seupaul RA**. AAEM's Visual Diagnosis Contest and Visual Stimuli (6 exhibits). American Academy of Emergency Medicine's Annual Meeting. Amelia Island, FL. March 2007.
56. **Seupaul RA**, Chisholm CD. Educational Sound Bites: The Knowledge Translation Shift. Council of Residency Directors (CORD) Annual Meeting. New Orleans, LA. March 2008.
57. Eastin T, Wilbur L, **Seupaul RA**. Indiana ACEP Visual Diagnosis Contest and Visual Stimuli (23 exhibits). Indiana Chapter of the American College of Emergency Medicine's Annual meeting. Indianapolis, IN. April 2008.
58. **Seupaul RA**, Chisholm CD. The Knowledge Translation Shift. Innovations in Emergency Medicine Education Exhibit (2 days). Society for Academic Emergency Medicine Annual Meeting. Washington D.C. May 2008.
59. Eastin T, Wilbur L, **Seupaul RA**. SAEM's Visual Diagnosis Contest and Visual Stimuli (6 exhibits). Society for Academic Emergency Medicine's Annual Meeting. Washington D.C. May 2008.

Lectures and Workshops – College/School of Medicine:

In Rank as Professor

1. Black men in White Coats ceremony representing the College of Medicine. UAMS. September 2022.
2. Division of Pediatric Emergency Medicine Faculty Retreat. Arkansas Children's Hospital. Invited guest moderator. September 5, 2019
3. "Careers in Emergency Medicine". Emergency Medicine Interest Group. UAMS. August 2019.
4. "Intro to EBM". Neurology Grand Rounds. UAMS. Little Rock, AR. January 2017.
5. "Creative Airways". Internal Medicine Grand Rounds. UAMS. Little Rock, AR. November 2016.
6. "Minor head injury in anticoagulated elderly patients: an update." Geriatrics Grand Rounds. Little Rock, AR. July 2016.

7. “EBM for Academicians”. Annual Ophthalmology Residency Program Review and Faculty Retreat. Little Rock, AR. September 2015
8. “EBM Bootcamp”. 4 presentations – Searching, Diagnostics, Integrating EBM into clinical practice, journal club, and other educational forums. UAMS. April 2015.
9. “PFCC in the ED”. PFCC symposium. UAMS/ACH. January 2015.
10. “Validity criteria for diagnostic trials and effectively searching the medical literature”. Faculty Development Series. UAMS/ACH. January 2015.
11. “Head Trauma, Elderly, Anticoagulated”. Department of Geriatrics Grand Rounds. UAMS October 2014.
12. “Large Group Presentations: Moving Beyond Powerpoint”. Dorothy Snider Medical Education Grand Rounds. UAMS June 2014.
13. “EM & IPE Research Symposium”. UAMS March 2014.
14. “Diagnostic Thinking: What Type Are You?” Department of Geriatrics *Grand Rounds*. UAMS. October 2013.
15. “Diagnostic Thinking: What Type Are You?” Department of Internal Medicine *Grand Rounds*. UAMS. July 2013.

In Rank as Associate Professor @ IU School of Medicine (19/48):

1. EBM: Introduction and Therapy Course X-602. Indianapolis Campus. Indiana University School of Medicine. August 2008.
2. EBM and Biostatistics Workshop (3 hours). Evansville Campus – Indiana University School of Medicine. September 2008
3. EBM and Biostatistics Workshop (2 hours). Ft Wayne Campus – Indiana University School of Medicine. October 2008.
4. Evidence Based Medicine Workshop (3 hours). South Bend - Indiana University School of Medicine. March 2009.
5. “Approach to the Violent Patient”. Medical Student Lecture. Indiana University School of Medicine. April 2009.
6. EBM Intersession for 3rd yr students (2 hours). Indianapolis Campus - Indiana University School of Medicine. June 2009.
7. Introduction to X-602 and Therapeutic concepts. Indianapolis Campus - Indiana University School of Medicine. August 2009.
8. “Evaluating Diagnostic Trials”. Pediatric Fellows Workshop. Department of Pediatrics. Indiana University School of Medicine. November 2009
9. “Evaluating Therapeutic Trials”. Pediatric Fellows Workshop. Department of Pediatrics. Indiana University School of Medicine. November 2009.

10. EBM and Biostatistics Workshop (4 hours). South Bend Campus – Indiana University School of Medicine. March 2010.
11. EBM Intersession for 3rd yr students (2 hours). Indianapolis Campus - Indiana University School of Medicine. June 2010.
12. Introduction to X-602 and Therapeutic concepts. Indianapolis Campus - Indiana University School of Medicine. August 2010.
13. Clinical Problem Solving. Wrap-Up Session (1 hour). Indianapolis - Indiana University School of Medicine. March 2011.
14. Clinical Therapeutics. Evaluating the evidence. Indianapolis - Indiana University School of Medicine. March 2011.
15. EBM Intersession for 3rd yr students. Indianapolis Campus - Indiana University School of Medicine. June 2011.
16. Acute MI Simulation cases for MS4s. Indiana University School of Medicine. February 2011 (4 hours).
17. Acute MI Simulation cases for MS4s. Indiana University School of Medicine. November 2011 (2 hours).
18. Evidence Based Medicine Workshop (3 hours). Bloomington - Indiana University School of Medicine. April 2012.
19. EBM Intersession for 3rd yr students (2 hours). Indianapolis Campus - Indiana University School of Medicine. June 2012.
20. “Clinical application of EBM principles”. Pediatric Fellows Workshop. Department of Pediatrics. Indiana University School of Medicine. September 2012.
21. Pediatric Asthma Simulation cases for MS4s. Indiana University School of Medicine. November 2012 (4 hours).

In Rank as Assistant Professor

22. Laceration Workshop x 2. Resident Orientation (Internal Medicine). Wishard Memorial Hospital. September and November 2001.
23. “Syncope”. Medical Student Lecture. Indiana University School of Medicine. February 2002.
24. “Pediatric Emergencies”. Medical Student Lecture. Indiana University School of Medicine. July 2002.
25. “Procedures”. Medical Student Intersession. Indiana University School of Medicine. July 2002.
26. “Evidence Based Medicine - Therapy”. Grand Rounds. Department of Physical Medicine and Rehabilitation. IU School of Medicine. April 2005.
27. “The Alcoholic Patient and Dual Diagnosis”. Medical Student Intersession. Indiana University School of Medicine. March 2005.

28. “Neurologic Emergencies”. Medical Student Lecture. Indiana University School of Medicine. May 2005.
29. “OB-GYN Emergencies”. Medical Student Lecture. Indiana University School of Medicine. August 2005.
30. “Evidence Based Medicine – Therapy”. Indiana University School of Medicine. Department of Surgery. October 2005.
31. “Sensitivity, Specificity and LR’s”. Indiana University School of Medicine. Department of Surgery. November 2005.
32. “Critical Analysis of the Medical Literature”. Indiana University School of Medicine. Department of Surgery. December 2005.
33. “Therapy and Evidence”. Pediatric Fellows Workshop. Indiana University School of Medicine. Department of Pediatrics. December 2005.
34. “Journal Club & EBM Review”. Indiana University School of Medicine. Department of Surgery. February 2006.
35. “The Evidence Behind Diagnostic Testing”. Pediatric Fellows Workshop. Indiana University School of Medicine. Department of Pediatrics. March 2006.
36. “Pain Management in the ED”. Medical Student Lecture. Indiana University School of Medicine. April 2006.
37. “Neurologic Emergencies”. Medical Student Lecture. Indiana University School of Medicine. August 2006.
38. “Approach to the Overdose Patient”. Medical Student Lecture. Indiana University School of Medicine. January 2007.
39. “Evidence Based Medicine Primer”. 3rd Year Medical Student Intersession for the Med/Neuro/Psych block rotation. June 2007.
40. “Therapy: An Evidenced Based Medicine Approach”. Department of Physical Medicine and Rehabilitation. Indiana University School of Medicine. August 2007.
41. “Evaluating Diagnostic Trials”. Pediatric Fellows Workshop. Department of Pediatrics. Indiana University School of Medicine. September 2007.
42. EBM and Biostatistics Workshop (3 hours). Evansville Campus – Indiana University School of Medicine. September 2007.
43. “Evaluating Therapeutic Trials”. Pediatric Fellows Workshop. Department of Pediatrics. Indiana University School of Medicine. September 2007.
44. Evidence Based Medicine Workshop (3 hours). Muncie Campus - Indiana University School of Medicine. October 2007.
45. Evidence Based Medicine Workshop (3 hours). Ft. Wayne Campus - Indiana University School of Medicine. October 2007.
46. EBM Intersession for 3rd yr students (2 hours). Indianapolis Campus - Indiana University School of Medicine. January 2008.

47. Evidence Based Medicine Workshop (3 hours). South Bend Campus - Indiana University School of Medicine. February 2008.
48. Clinical Therapeutics “EBM session”. Indianapolis campus. Indiana University School of Medicine. March 2008.
49. “Approach to Wound Management”. Medical Student Lecture. Indiana University School of Medicine. March 2008.
50. Evidence Based Medicine Workshop (3 hours). Terre Haute - Indiana University School of Medicine. March 2008.
51. EBM Intersession for 3rd yr students. Indianapolis Campus - Indiana University School of Medicine. June 2008.

Lectures and Workshops: Dept of Emergency Medicine:

In Rank as Professor

1. Black men in white coats. October 2022.
2. Cases in cardiology: pediatric syncope and palpitations. September 2022
3. Knowledge Translation on the Fly”. July 2022.
4. “An introduction to EBM”. July 2022.
5. “Trauma III: Burn injuries”. February 2022.
6. “RSI pharmacology”. October 2021.
7. “Cases in KT”. July 2021.
8. “Knowledge Translation on the Fly”. July 2020.
9. “An introduction to EBM”. July 2020.
10. “Knowledge Translation on the Fly”. July 2019.
11. “An introduction to EBM”. July 2019.
12. “An introduction to EBM”. July 2018.
13. “Knowledge Translation on the Fly”. July 2018.
14. “EBM Essentials”. June 2018.
15. “Evidence Based Diagnostics”. UAMS. January 2018.
16. “The Business of Emergency Medicine”. November 2017.
17. “Intro to EBM”. Department of EM/Division of PEM. UAMS. August 2017
18. “Knowledge Translation”. July 2017

19. “Lit Update: 2017”. April 2017
20. “Systematic Reviews”. January 2017.
21. “Ratios you need to know”. November 2016
22. “EBM for academicians”. July 2016
23. “Lit Review 2016” June 2016
24. “EBM Review”. January 2016.
25. “Clinical Decision Instruments: PERC and HEART”. November 2015.
26. “High Yield EBM for Academicians”. September 2015.
27. “The State of the Department”. June 2015.
28. “Validity of Diagnostic Trials” Department of EM and Division of Peds-EM. Arkansas children’s Hospital. April 2015.
29. “EBM Statistics of RCTs”. January 2015.
30. “EBEM Literature Review 2014”. December 2014.
31. “Head Trauma, Elderly, Anticoagulated”. October 2014.
32. “Rapid Analysis of Therapeutic Trials.” Department of EM and Division of Peds-EM. Little Rock, AR. October 2014.
33. “EBM: An Introduction.” July 2014
34. “Trauma Morbidity and Mortality.” July 2014.
35. “EBM & Biostatistics Board Review.” February 2014.
36. “Clinical Decision Rules.” August 2013.
37. “Harnessing the Power of the Internet for Bedside Practice”. August 2013.
38. “An Introduction to Research”. May 2013.
39. “Practical Application of Common Statistics”. May 2013.
40. Cricothyrotomy lab. Sim lab demonstration. March 2013.
41. “Confidence Intervals vs. p-Values.” March 2013.

In Rank as Associate Professor @ IU School of Medicine:

42. “Evidence Based Medicine - An Introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2008.

43. “Diagnostic testing for pulmonary embolism”. Department of EM Grand Rounds. September 2008.
44. Morbidity and Mortality Conference (monthly). 2008-09 academic year.
45. “Systematic Reviews”. Dept of EM Grand Rounds . February 2009.
46. “Knowledge Translation Year Directed Conference”. PGY-1 Emergency Medicine Residents. Methodist Hospital. Indianapolis, IN. April 2009.
47. “Evidence Based Medicine - An Introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2009.
48. “Morbidity and Mortality – An introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2009.
49. “Journal Club Therapy: Renal stone expulsion”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. October 2009.
50. Finnel JT, **Seupaul RA**. “Tools for the Road”. EM Faculty Development Retreat. Indiana University School of Medicine. February 2010.
51. **Seupaul RA**. Mentorship panel. EM Faculty Development Retreat. Indiana University School of Medicine. February 2010.
52. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2009-10 academic year.
53. “An Introduction to Morbidity and Mortality”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2010.
54. “Evidence Based Medicine - An Introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2010.
55. “How to search for the best evidence-computer lab”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2010.
56. Through the Forest (plot): How to appraise systematic reviews. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. September 2010.
57. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2010-11 academic year.
58. “Searchable Databases”. Department of Emergency Medicine. Intern Orientation. July 2011.
59. “Diagnostics”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. November 2011.
60. R1 KT Year Directed. Department of Emergency Medicine. Indiana University School of Medicine. May 2012.
61. “Emergency Neurology”. Department of Emergency Medicine. Indiana University School of Medicine. June 2012.
62. “Systematic Reviews”. Mini-Research Fellowship Session. Department of Emergency Medicine. Indiana University School of Medicine. September 2012.

63. “Clinical Application of Statistics”. Department of Emergency Medicine. Indiana University School of Medicine. October 2012.

In Rank as Assistant Professor:

64. “Large Bowel Emergencies”. Department of Emergency Medicine Grand Rounds. IU School of Medicine. October 2001.
65. “Morbidity and Mortality – A primer”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. February 2002.
66. “Oral Board Round Robin”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. March 2003.
67. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2002-3 academic year.
68. “Oral Board Round Robin”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. June 2003.
69. “Sexually Transmitted Diseases”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. November 2003.
70. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2003-04 academic year.
71. “Morbidity and Mortality – An Introduction”. Department of Emergency Medicine New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2003.
72. “Year in Review 2003”. Emergency Medicine Research Day. Methodist Hospital. Indianapolis, IN. April 2003.
73. “Ultrasound Year Directed Conference”. PGY-2 Emergency Medicine Residents. Methodist Hospital. Indianapolis, IN. May 2003.
74. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. IU School of Medicine. 2004-5 academic year.
75. “Evidence Based Medicine and Effective Search Strategies”. Department of Emergency Medicine PGY-1 Year Directed conference. Methodist Hospital. Indianapolis, IN. April 2005.
76. “Evidence Based Medicine –Therapy”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. August 2004.
77. “Evidence Based Medicine – Diagnosis”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. November 2004.
78. “Evidence Based Medicine - An Introduction”. Department of Emergency Medicine New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2005.
79. “Morbidity and Mortality – An introduction”. Department of Emergency Medicine New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2005.

80. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2005-06 academic year.
81. “Meta Analyses”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. September 2005.
82. “Procedure Lab”. Department of Emergency Medicine. Indiana University School of Medicine. September 2005.
83. “Harm & EBM Review”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. February 2006.
84. “Oral Board Round Robin”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. March 2006.
85. “Evidence Based Medicine - An Introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2006.
86. “Morbidity and Mortality – An introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2006.
87. “Airway Course”. Department of Emergency Medicine. Indiana University School of Medicine. July 2006.
88. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2006-07 academic year.
89. “Knowledge Translation and ROC Curves”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. March 2007.
90. “EBM 101: An Introduction”. New Intern Orientation. Methodist Hospital. Indianapolis, IN. July 2007.
91. “Airway Course”. Department of Emergency Medicine. Indiana University School of Medicine. July 2007.
92. “Evidence Based Medicine – Diagnosis and the PERC Rules”. Department of Emergency Medicine. Indiana University School of Medicine. September 2007.
93. Morbidity and Mortality Conference (monthly). Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. 2007-08 academic year.
94. “Knowledge Translation Year Directed Conference”. PGY-1 Emergency Medicine Residents. Methodist Hospital. Indianapolis, IN. April 2008
95. “Evidence Based Medicine –Therapy”. Department of Emergency Medicine Grand Rounds. Indiana University School of Medicine. June 2008.

PROFESSIONAL DEVELOPMENT

<u>Masters in Health Care Delivery Science</u>	2022-2023
Dartmouth College Tuck School of Business & Geisel SOM Hanover, NH	
<u>AAMC Organizational Leadership in Academic Medicine</u>	2022
San, Diego CA	
<u>VIP2 Leadership Course</u>	2019
Little Rock, AR	
<u>IHI Flow Course</u>	2019
IHI Headquarters Boston, MA	
<u>Program for Chairs of Clinical Service</u>	2014
Harvard School of Public Health Boston, MA	
<u>Emergency Medicine Basic Research Skills Course (EMBRs)</u>	2001-2002
American College of Emergency Medicine Dallas, TX	

STRATEGIC INITIATIVES AND PROGRAMMATIC DEVELOPMENT

Department of EM and the EM Service Line

Leadership Development

Recruited, retained, and developed EM faculty to lead throughout the institution and beyond:

Vice Chair, Service Line Director, SL medical director, Division Chiefs, COM course directors, Associate CMOs, Associate Chief Quality Officer, Director of the AR poison control center, AR ACEP presidents, AR Department of Health Director, Inaugural post-baccalaureate director, National Organization president and committee chairs.

New EM Residency in Northwest Arkansas

Developed the initiation of a new EM residency training program at Washington Regional Hospital and recruited the program's inaugural program director. We expect accreditation in early 2024.

Stanley E Reed Professorship

2017-present

Inaugural recipient of this endowment, invested January 2017. Worked with the office of development and the Reed family to complete the funding for this professorship.

EM Service Line

2016-present

Transitioned EM services from a traditional Academic/Hospital based model to a Service Line model. The EM Service Line has a triad leadership model (Director > Administrator/RN Director/Medical Director).

Clinical Decision Unit/Observation Medicine

2014-present

Strategically aligned with Hospital leadership to invest in the development of a 16 bed CDU for the EMSL. This is the first observation unit in UAMS' history.

Triage redesign/Physician in Triage

2017-present

Negotiated and designed a \$1.5M investment to improve ED throughput, efficiency, and patient centered outcomes. We have seen increased patient satisfaction, reduced LWBS, and an estimated >\$9M annual net impact to institutional margin.

Bedside ED Ultrasound

2013-present

Recruited for and developed the Division of EM Ultrasound (the first Division in the department's 33 yr history). The faculty and residents now enjoy a robust ultrasound educational and clinical experience. State of the art machines along with Q-path software were acquired to allow for seamless billing. This new revenue stream currently accounts for professional collections of >\$250,000 annually; net \$1.2M/yr for the clinical enterprise.

Hand Hygiene

Improved ED hand hygiene from 50-60s% to >95% (sustained)

2018-present

Community Health Worker Paradigm

2016-present

Pilot RCT to improve ED resource utilization amongst super users. The institution has now hired 3 CHWs as part of its care management and population health strategy.

Baptist Health Conway ED Contract

2014-2022

Negotiated and obtained the contract (\$3.4M) to staff the newly constructed Baptist Conway ED (9/2016). This is the first expansion of UAMSEM outside of the University as well as the first clinical program of this scope for the institution outside of UAMS. The contract also represents a new revenue stream for the EM Service Line.

First Simmons Bank partnership

2014-2019

Negotiated a partnership with Simmons to support a number of significant residency program initiatives. This is the first partnership between community leaders and the academic department of Emergency Medicine.

Academic Fellowships

2016-present

Started the Department's first fellowship training programs: EM Ultrasound and Education

100% Faculty Promotion Success

2013-present

Development and Director, ICARE Conference

2014-2019

The "Improving Critical and Acute care through Regional Education" is Arkansas' first inter-professional conference focused on rural acute and critical care gaps throughout the region. Its express purpose is to elevate the level of care in these areas while providing summative solutions for legislators.

Department of EM Office Renovation and Expansion

2015-2017

Negotiated and navigated the space and construction processes (\$1.5M) to develop a modern office suite for our growing academic department.

Rural Rotation

2013-2019

Developed this rotation with educational leadership initially funded by a grant from the Arkansas Department of Health transitioned to private funding from 360 Medicine.

Chief Clinical Officer, UAMS Health

UAMS' Integrated Clinical Enterprise (ICE): \$1.5B net revenues, 6500 employees, 27k inpatient discharges, 550k outpatient visits, 60k ED visits. All clinical services and revenue are contained within 15 Service Lines.

Key CCO direct reports: Service Line Directors, associate CMOs, pharmacy, medical staff affairs, physician liaison service.

Leadership Development:

- Built leadership depth within the organization by growing and providing structure for a pool of 7 associate CMOs.
- Worked with the CEO to create and fill the organization's first Chief Transformation Officer position.
- Mentored and ensured a succession plan for the incoming CCO.
- Expanded the Physician Advisor program to enhance performance in clinical documentation, UM, case review, and status determinations.

Executive Sponsorship of Quality Initiatives (improved from 1 to 3* in Vizient rankings):

- Mortality index reduction (1.2 to 0.74)
 - Defined and implemented strategies to improve institutional documentation
 - Implemented an inpatient hospice program
 - Developed a code sepsis paradigm for the ED and inpatient services
- Patient Experience (also tied to our Magnet Steering committee, efforts are ongoing)
 - Cleanliness
 - Responsiveness
 - Communication
- Length of Stay and patient flow (efforts are ongoing)
 - Reduced institutional LOS by 0.5 days
 - Optimized pool of associate CMOs to provide 24/7/365 coverage for transfer management
 - Improved OR recovery minutes, PACU and ED boarding
 - Developing the institutions first command center (underway)

Deputy Commander, Emergency Operations Command Center

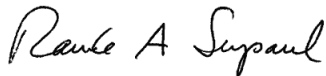
- Served with our CEO and other institutional leaders to navigate the COVID19 pandemic
- Initiated central Arkansas' first testing and vaccination center
- Achieved > 95% employee vaccination rate
- Provided multiple local and national TV and radio interviews to inform the public on disease management

New Clinical/Capital Projects

- Proton beam therapy and new radiation oncology building in partnership with Proton International, Baptist Health, and Arkansas Children's hospital (only center in the region, under construction)
- Ambulatory Surgical Center (The Orthopedic and Spine Hospital, under construction)
- Expansion of CV services and creation of the CV Service Line (first LVAD placed, advanced heart failure and transplant programs)
- Outpatient urology and imaging center (lease under negotiation)
- Hospital at home program in partnership with Contessa Health/Amedisys (under negotiations)

Revenue Optimization

- Appointed to the executive leadership group to achieve system wide net position improvement of \$85M in FY23 by reducing waste and developing novel revenue streams.



Rawle A Seupaul MD