

CURRICULUM VITAE
Aaron N Barksdale, MD

CAMPUS ADDRESS: Department of Emergency Medicine
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EDUCATION

1994 - 1996 AS, Science, Iowa Western Community College, Council Bluffs, IA
1996 - 1999 BS, (Magna cum Laude), Biology, Arkansas State University, Jonesboro, AR
2002 - 2006 MD, University of Nebraska College of Medicine, Omaha, NE

POST DEGREE TRAINING

1999 - 2001 Graduate Student, Arkansas State University and University of Nebraska-Lincoln
07/2006 - 06/2009 Resident, Emergency Medicine, Truman Medical Center/University of Missouri-Kansas City, Chief Resident: July 2008-June 2009, Kansas City, MO

CONTINUING EDUCATION AND TRAINING

2009 - Present Annual Society of Academic Emergency Medicine National Conference
2009 - Present Annual Society of Academic Emergency Medicine Regional Conference
06/2014 - 06/2015 Physician Leadership Academy, University of Nebraska Medical Center, Omaha, NE
05/2018 - 05/2018 Society of Academic Emergency Medicine Grant Writing Workshop

ACADEMIC APPOINTMENTS

2022 - Present Graduate Faculty, Department of Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2019 - Present Vice Chair of Research, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2018 - Present Associate Professor, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2018 - Present Director of Research, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2013 - Present Director of Journal Club, Emergency Medicine, Nebraska Medical Center/UNMC School of Medicine, Omaha, NE
2012 - 2018 Assistant Professor, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE

2009 - 2012 Assistant Professor, Emergency Medicine, Truman Medical Center/UMKC School of Medicine, Kansas City, MO

CERTIFICATIONS AND LICENSES

2006 - Present Instructor, Advanced Cardiac Life Support
2006 - Present PALS, Pediatric Advanced Life Support
2006 - Present BLS, Basic Life Support
2006 - Present Neonatal Resuscitation, Neonatal Resuscitation
2006 - Present Hazmat Training, HAZMAT Training
2006 - Present SAFE, Sexual Assault Forensic Exam (S.A.F.E.) Training
2006 - Present ATLS, Advanced Trauma Life Support
2006 - 2009 MO Med Phys/Surg Temporary License, non-active, MO, 2006017504
2008 - Present Ultrasound Residency Trained in FAST, AAA, OB trans-abdominal & OB transvaginal, Gallbladder, Central Venous Cath
2008 - 2012 Certified Base Station Physician, Missouri Health Department, Kansas City, MO
2009 - 2012 Missouri Bureau of Narcotics and Dangerous Drugs Missouri
2010 - Present ABEM Diplomate
2014 - Present Fellow, American College of Emergency Medicine (FACEP)
2009 - Present DEA FB1275420
2009 - 2012 MO Medical Physician & Surgeon License, non-active, State of Missouri, 2009007982
2011 - Present NE Medical License State of Nebraska, 26601

GRANTS AND CONTRACT SUPPORT

Active

Title: POST-ICECAP (Patterns Of Survivors' recovery Trajectories in the ICECAP trial)
ID Number: SUBK00021901
Funding Agency: University of Michigan
Project Period: 2024 - 2028
Total Dollars: \$42,001
Direct Cost: \$27,362
Role: Principal Investigator

Title: Upper Midwest Hub
ID Number: N009889002
Funding Agency: University of Minnesota
Project Period: 2023 - 2028
Total Dollars: \$19,255
Direct Cost: \$2,509
Role: Principal Investigator

Title: Influence of Cooling duration of Efficacy in Cardiac Arrest Patients (ICECAP) Trial CSPR#003
ID Number: SUBK00017272
Funding Agency: University of Michigan
Project Period: 2021 - 2024
Total Dollars: \$44,575
Direct Cost: \$35,377
Role: Principal Investigator

Title: ACTIV 4d RAAS
ID Number: VUMC92323
Funding Agency: Vanderbilt University Medical Center
Project Period: 2021 - 2024
Total Dollars: \$1,996,280
Direct Cost: \$1,381,777
Role: Principal Investigator

Title: Development of a Culturally Sensitive Domestic Violence, Child Abuse, and Sexual Assault Informed Care Lectureship in Japan
ID Number: 2019-1-06-U
Funding Agency: United States - Japan Foundation
Project Period: 2019 - 2023
Total Dollars: \$73,441
Direct Cost: \$69,944
Role: Co Investigator (Zeger)

Pending

Title: Acute Initial Medications for Spinal Osteoporotic Fracture Treatment (AIMSOFT)
ID Number:
Funding Agency: University of Washington
Project Period: 2021 - 2026
Total Dollars: \$1,203,070
Direct Cost: \$859,336
Role: Co Investigator (Graeff-Armas)

Completed

Title: Use of Methylene Blue in Acquired Methemoglobinemia: Prospective Observational Registry (metHb)
ID Number:
Funding Agency: Hospital Quality Foundation
Project Period: 2019 - 2022
Total Dollars: \$8,240
Direct Cost: \$2,978

Role: Principal Investigator
Title: Influence of Cooling duration of Efficacy in Cardiac Arrest Patients (ICECAP) Trial CSPR#003

ID Number:
Funding Agency: University of Minnesota
Project Period: 2020 - 2021
Total Dollars: \$3,269
Direct Cost: \$-9,674
Role: Principal Investigator

Title: PsySTART Rapid Triage and Linkage for Emergency Department Providers During COVID-19

ID Number: MS-32135-01-Nebraska
Funding Agency: Lundquist Institute
Project Period: 2020 - 2021
Total Dollars: \$150,001
Direct Cost: \$98,361
Role: Principal Investigator

Title: Healthcare Worker Exposure Response and Outcomes of Hydroxychloroquine Trial (HERO-HCQ Trial) #COVID-19-2020-01

ID Number:
Funding Agency: Duke University
Project Period: 2020 - 2021
Total Dollars: \$35,700
Direct Cost: \$24,108
Role: Co Investigator (Mcclay)

Title: AQT90 Flex TnI and TnT - Clinical Sensitivity and Specificity Performance Evaluation

ID Number:
Funding Agency: Radiometer Medical ApS
Project Period: 2016 - 2017
Total Dollars: \$215,479
Direct Cost: \$180,621
Role: Principal Investigator

Title: A Phase III case series clinical study of the reversal of the anticoagulant effects of dabigatran by intravenous administration of 5.0g idarucizumab (BI 655075) in patients treated with dabigatran etexilate who have uncontrolled bleeding or require ...

ID Number:
Funding Agency: Boehringer Ingelheim Pharmaceuticals, Inc.
Project Period: 2015 - 2016
Total Dollars: \$37,267

Direct Cost: \$29,530
Role: Principal Investigator

ADDITIONAL GRANTS ACTIVITY

Internal

Active

Title: "ICECAP: Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients_. NHLBI/NINDS funded (SIREN Network). Site Principle Investigator
ID Number: 1677519272
Funding Agency: Other
Project Period: 01/01/2021 -
Total Dollars: \$0
Role: Primary Investigator

Title: "ICECAP: Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients_. NHLBI/NINDS funded (SIREN Network). Site Principle Investigator
ID Number: 1677519272
Funding Agency: Other
Project Period: 01/01/2021 -
Total Dollars: \$0
Role: Primary Investigator

Title: _PsySTART Rapid Triage and Linkage for Emergency Department Providers During COVID-19_. CDC funded. Site Principal Investigator
ID Number: 1677519377
Funding Agency: Other
Project Period: 06/01/2020 -
Total Dollars: \$150,001
Role: Primary Investigator

Title: _PsySTART Rapid Triage and Linkage for Emergency Department Providers During COVID-19_. CDC funded. Site Principal Investigator
ID Number: 1677519377
Funding Agency: Other
Project Period: 06/01/2020 -
Total Dollars: \$150,001
Role: Primary Investigator

Title: _Development of a Culturally Sensitive Domestic Violence, Child Abuse, and Sexual Assault Informed Care Lectureship in Japan_. United States-Japan Foundation Grant. Total Funding-\$73,441 Sub-Investigator.

ID Number: 1677519423
Funding Agency: Other
Project Period: 05/01/2019 -
Total Dollars: \$73,441
Role: Primary Investigator

Title: _Development of a Culturally Sensitive Domestic Violence, Child Abuse,
and Sexual Assault Informed Care Lectureship in Japan_. United
States-Japan Foundation Grant. Total Funding-\$73,441 Sub-Investigator.

ID Number: 1677519423
Funding Agency: Other
Project Period: 05/01/2019 -
Total Dollars: \$73,441
Role: Primary Investigator

Completed

Title: A multi-center, randomized, placebo-controlled, double-blind, adaptive
clinical trial of vitamin C, thiamine and steroids as combination therapy in
patients with sepsis (VICTAS)

ID Number: 1603209866
Funding Agency: Other
Project Period: 01/01/2018 - 01/01/2019
Total Dollars: \$68,186
Role: Primary Investigator

Title: AQT90 Flex TnI and TnT - Clinical Sensitivity and Specificity
Performance Evaluation

ID Number: 1603210160
Funding Agency: Other
Project Period: 01/01/2016 - 01/01/2017
Total Dollars: \$215,479
Role: Primary Investigator

Title: A Phase III case series clinical study of the reversal of the anticoagulant
effects of dabigatran by intravenous administration of 5.0g idarucizumab
(BI 655075) in patients treated with dabigatran etexilate who have
uncontrolled bleeding or require ...

ID Number: 1603210344
Funding Agency: Other
Project Period: 01/01/2015 -
Total Dollars: \$37,266
Role: Primary Investigator

Title: Healthcare Worker Exposure Response and Outcomes of
Hydroxychloroquine Trial (HERO-HCQ Trial). PCORI funded. Site

Co-Investigator.
ID Number: 1677519334
Funding Agency: Other
Project Period: 06/01/2020 - 03/01/2021
Total Dollars: \$0
Role: Primary Investigator

Title: Healthcare Worker Exposure Response and Outcomes of Hydroxychloroquine Trial (HERO-HCQ Trial). PCORI funded. Site Co-Investigator.

ID Number: 1677519334
Funding Agency: Other
Project Period: 06/01/2020 - 03/01/2021
Total Dollars: \$0
Role: Primary Investigator

NON-SPONSORED / OUTSIDE GRANTS INFORMATION

Active

Title: "Electricity Free Nebulizer Device for Aerosolized Medication Delivery (Project FreeAir)"
Funding Agency: Eugene Kenney Memorial Fund for Asthma Research
Project Period: 2021 - 0
Total Dollars: \$1,500
Direct Cost: \$0
Role: Co-Investigator ()

Title: â__Hyperbaric Oxygen Brain Injury Treatment (HOBIT) Trialâ__
Funding Agency: National Institutes of Health
Project Period: 2019 - 0
Total Dollars: \$0
Direct Cost: \$0
Role: Co-Investigator ()

Title: Use of Methylene Blue in Acquired Methemoglobinemia: Prospective Observational Registry (methHb)
Funding Agency: Hospital Quality Foundation
Project Period: 2019 - 0
Total Dollars: \$0
Direct Cost: \$0
Role: Principal Investigator

Completed

Title: â__Reverse AD Trial, evaluating the effectiveness of a reversal agent for

dabigatran, multi-center, opened ended phase III trial.
Funding Agency: Boehringer-Ingelheim
Project Period: 2015 - 2017
Total Dollars: \$33,999
Direct Cost: \$0
Role: Principal Investigator

Title: MERCURY PE TRIAL (MultiCenter trial of Rivaroxaban for early discharge for pulmonary embolism from the Emergency Department)

Funding Agency: Janssen
Project Period: 2016 - 2016
Total Dollars: \$8,009
Direct Cost: \$0
Role: Principal Investigator

Title: Bacteriology of Acute Cutaneous Cellulitis without Drainage using Conventional Culture and Molecular Identification of Skin Biopsy Specimens.

Funding Agency:
Institution: Truman Medical Center
Project Period: 2009 - 2012
Total Dollars: \$0
Direct Cost: \$0
Role: Co-Investigator ()

Title: Strategies using Off Patient Antibiotics for Methicillin Resistant S. aureus (STOP MRSA) a multi-center, phase III, randomized, double-blind clinical trial

Funding Agency: NIH
Institution: Truman Medical Center
Project Period: 2009 - 2013
Total Dollars: \$0
Direct Cost: \$0
Role: Co-Investigator (Steele, Mark)

OTHER APPOINTMENTS AND POSITIONS

2008 - 2009 Chief Resident, Emergency Medicine, Truman Medical Center, University of Missouri-Kansas City, Kansas City, MO, USA
2009 - 2012 Active Staff, Emergency Medicine, Children's Mercy Hospital/UMKC, Omaha, NE, USA
2009 - 2012 Associate Director of Clinical Operations, Emergency Medicine, Truman Medical Center/ UMKC School of Medicine, Kansas City, MO, USA
2009 - 2012 Medical Director of Advanced Cardiac Life Support (ACLS), Emergency Medicine, Truman Medical Center/UMKC School of Medicine, Kansas

	City, MO, USA
2009 - 2012	Active Staff, Emergency Medicine, Truman Medical Center, UMKC School of Medicine, Kansas City, NE
2012 - Present	Active Staff, Emergency Medicine, Nebraska Medical Center/UNMC School of Medicine, Omaha, NE, US

CONSULTING POSITIONS

Editorial

Present	Senior Editorial Consultant, American Journal of Emergency Medicine
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Industry/Foundation

Present	Judge, Abstract Poster Presentation, Great Plains Regional Conference, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Great Plains Regional Meeting, Society of Academic Emergency Medicine
Present	Judge, Abstract Poster Presentation, Great Plains Region, Society of Academic Emergency Medicine
Present	Judge, Lightning Oral Abstract Presentations, Society of Academic Emergency Medicine
Present	Moderator, Abstract Poster Session, Annual Conference, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Annual Meeting, Society of Academic Emergency Medicine
Present	Moderator, Lightning Oral Presentations, Annual Conference, Society of Academic Emergency Medicine
Present	Moderator, Abstract Poster Session, Annual Conference, Society of Academic Emergency Medicine
Present	Reviewer, Academic Emergency Medicine Journal
Present	Moderator, Lightning Oral Presentations, Annual Conference, Society of Academic Emergency Medicine
Present	Moderator, Abstract Poster Session, Annual Conference, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Annual Meeting, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Annual Meeting, American College of Emergency Physicians
Present	Moderator, Lightning Oral Presentations, Annual Conference, Society of Academic Emergency Medicine
Present	Judge, Lightning Oral Abstract Presentation, Annual Conference, Society of Academic Emergency Medicine
Present	Moderator, Abstract Poster Session, Annual Meeting, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Annual Meeting, Society of Academic Emergency Medicine
Present	Abstract Reviewer, Annual Meeting, American College of Emergency

	Physicians
Present	Abstract Reviewer, Annual Meeting, Society of Academic Emergency Medicine
2015 - Present	Reviewer, American Journal of Emergency Medicine
2016 - Present	Examiner, Oral Boards, American Board of Emergency Medicine
2016 - Present	Examiner, Oral Board, American Board of Emergency Medicine

HONORS AND AWARDS

2018	Top 5% of Reviewers, American Journal of Emergency Medicine
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Local

2003-2006	Nebraska College of Medicine Academic Scholarship Awards, Nebraska College of Medicine, Omaha, NE, USA
2005	Nebraska Medical Association Scholarship Award, Nebraska Medical Association, Omaha, NE
2009	Emergency Medicine Resident of the Year, Truman Medical Center, Kansas City, MO, USA
2009	Emergency Medicine Resident of the Year, Children's Mercy Hospital, Kansas City, MO, USA
2009	Excellence in Clinical Teaching Resident Award, Truman Medical Center, Kansas City, MO, USA
2010, 2012	Faculty Teaching Award in Emergency Medicine, Truman Medical Center, Kansas City, MO, USA
2016	Faculty Teaching Award in Emergency Medicine, University of Nebraska Medical Center, Omaha, NE

Regional

2006	SAEM Medical Student Excellence in Emergency Medicine Award, SAEM, USA
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MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

1994 - 1995	Activity Board President, Student Senate, Iowa Western Community College
1994 - 1995	Student Ambassador, Iowa Western Community College
1994 - 1996	Member, Men's baseball team-Iowa Western Community College
1995 - 1996	President, Student Senate-Iowa Western Community College
1996 - 1998	Member, Men's baseball team, Arkansas State University
1996 - 2000	Member, Student Medical Club, Arkansas State University
2002 - 2006	Member, American Medical Students Association
2002 - 2006	Member, American Medical Association
2002 - 2006	Member, Emergency Medicine Interest Group
2004 - 2004	Member, Student Senate, University of Nebraska Medical Center
2006 - Present	Member, Society of Academic Emergency Medicine
2008 - Present	Member, American College of Emergency Physicians

2008 - 2009	Member, Emergency Medicine Residents' Association
2014 - 2017	Member, M4 ICE Senior Seminar Executive Team
2015 - Present	Member, Hospital Sepsis Committee, UNMC
2016 - Present	Member, Acute Care Professional Development Committee, UNMC
2016 - Present	Member, Cardiac Arrest Subcommittee, UNMC
2018 - Present	Member, Practitioner Quality Committee; committee of members from numerous different clinical disciplines, who meet monthly to investigate and discuss complaints and concerns involving physician medical management/treatment and interaction with patients and o, UNMC
2018 - 2020	Member, Department of Emergency Medicine Promotion and Tenure committee, UNMC

COMMITTEE ASSIGNMENTS

Departmental

2020 - Present	Chair, Promotion and Tenure Committee - Review and advise the application process for departmental faculty members, Department of Emergency Medicine
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Local/Regional

2007 - 2009	Committee Member, Severe Sepsis and Septic Shock- Developed and Implemented a protocol at Truman Medical Center, based on the concept of "Early Goal Directed Therapy", Truman Medical Center
2009 - 2012	Committee Member, Emergency Department Throughput Committee, Truman Medical Center- a committee of 7-10 people that meets monthly to discuss ways to improve patient throughput in our emergency department, Truman Medical Center
2009 - 2012	Committee Member, Emergency Department Leadership Committee, Truman Medical Center- a committee of 5 people that meet monthly to discuss ways to improve the operation of our Emergency Department, Truman Medical Center
2010 - 2010	Committee Member, Planning Committee Member for the Great Plains Regional SAEM Committee, SAEM
2010 - 2011	Committee Member, Central Line Checklist Committee- actively involved in 4 person committee that developed and implemented checklist for central line insertion in order to reduce catheter related infections, Truman Medical Center
2010 - 2012	Committee Member, Priority One Committee, Truman Medical Center- a committee of approximately 10 people consisting of representatives from the Emergency Department and Critical Care ICU Department. We review and discuss ways to improve the admission and transition process, Truman Medical Center
2010 - 2012	Committee Member, Critical Care Committee, Truman Medical Center- committee of approximately 40 people that meets monthly to discuss and review ways to enhance the care of critically ill patients, Truman Medical Center

- 2010 - 2012 Committee Member, Clinical Quality Committee, Truman Medical Center- committee of approximately 40 people that meets monthly that instigates and reviews performance improvement plans and other policies to help improve overall quality of patient care in this institution, Truman Medical Center
- 2010 - 2012 Committee Member, Emergency Department Research Committee, Truman Medical Center- a committee of approximately 10 the meets every other month to discuss and improve the ongoing development of research in the emergency department, Truman Medical Center
- 2011 - 2012 Committee Member, Ed Triage Pain Medication Protocol helped develop and implement a protocol that allows nursing staff to administer pain medication to patients in triage, in an attempt to increase patient satisfaction and decrease left without being seen rates, Truman Medical Center
- 2011 - 2012 Therapeutic Hypothermia, a committee of 5 people working on revising our therapeutic hypothermia protocol and implementing a formalized team and page activated process., Truman Medical Center
- 2011 - 2012 Committee Member, Point of Care Committee, Truman Medical Center- a committee of approximately 15 people that meets bimonthly to review and oversee the hospital's point of care testing, Truman Medical Center
- 2012 - 2012 Committee Member, Ventilator Associated Pneumonia Committee- a committee of approximately 15 people that meets monthly to discuss ways to decrease our hospital's ventilator associated pneumonia rate, Truman Medical Center
- 2013 - Present Co-Chair, Emergency Preparedness Steering Committee - a committee of approximately 10 people who meet quarterly to review and update our hospital's disaster plans., University of Nebraska Medical Center
- 2017 - 2017 Emergency Medicine Scholarly Project Consensus Meeting participant, As a member of the Society of Academic Emergency Medicine (SAEM) Research Directors Interest Group (RDIG) I participated in this 2 hour session at the national SAEM meeting. The goal of this meeting was to ultimately publish a consensus document that may, SAEM

National/International

- 2013 - Present Panel Member, Lifelong Learning and Self-Assessment CME Reading Panel; Reading and assessing pre-released LLSA articles to determine the CME value awarded, American Board of Emergency Medicine

UNMC

- 2018 - Present Member, Acute Care Advisory Group (Operations Sub-Group); Monthly, clinical discipline representatives meet to develop and implement interventions for hospital improvement., University of Nebraska Medical Center
- 2020 - Present Member, Campus Community Committee, University of Nebraska Medical Center
- 2021 - Present Member, Faculty Senate, University of Nebraska Medical Center

2021 - Present Member, ACTIV-4 Host Tissue Protocol Development Committee. This is a national committee over viewing the ACTIV-4 Host (NECTAR) Trial

MISCELLANEOUS

2021 Abstract Reviewer, Society of Academic Emergency Meedicine Annual Meeting

1998 - 2000 Tutor, Math and Science, Arkansas State University

2000 - 2001 Phlebotomist, St. Bernard's Regional Hospital

2001 - 2002 Phlebotomist, Nabi Pharmaceuticals

2003 - 2003 Counselor, Inner city camp for mentally and physically handicapped children, Munroe Meyer Summer Camp

2005 - 2005 Teaching Assistant, Clinical Skills Workshop for upcoming 3rd year medical students, UNMC

2005 - 2006 Teaching Assistant, Clinical Skills Course for 1st and 2nd year medical students, University of Nebraska Medical Center

2011 - 2012 Mock Oral Boards Examiner, Mock Oral Boards Examiner for the Emergency Medicine Residency Program, UNMC

2014 - 2014 Mock Oral Board Examiner, Mock Oral Board Examiner for Emergency Medicine Residents, Truman Medical Center/University of Missouri School of Medicine

2015 - 2016 Data Safety Monitoring Board for "Ethicon Endo-Surgery protocol". This is a Single arm, non-randomized, non-blind, multicenter center study, evaluating the Sedasys product in patients undergoing a colonoscopy or EGD.

2016 - Present Mock Oral Boards Examiner, Truman Medical Center/University of Missouri School of Medicine

PRESENTATIONS

1. Barksdale AN. Vascular Access, Invasive Monitoring, and Cerebral Resuscitation. Resident Review Lecture Series, Emergency Medicine Department/Truman Medical Center; 2008 July 16. Kansas City, MO
2. Barksdale AN. Reiter's Syndrome and Polyarthritis. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2008 Aug 20. Kansas City, MO
3. Barksdale AN. Transfer of Patient Care. Emergency Medicine Department/Truman Medical Center; 2008 Aug 07. Kansas City, MO
4. Barksdale AN. Iatrogenic Opiate Withdrawal. Emergency Medicine Department/Truman Medical Center; 2008 Sept 04. Kansas City, MO
5. Barksdale AN. CNS Infections and Dermatologic Emergencies. Resident Review Lecture Series, Emergency Medicine Department/Truman Medical Center; 2009 Jan 29. Kansas City, MO
6. Barksdale AN. Pelvic Fractures. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2009 Jan 08. Kansas City, MO
7. Barksdale AN. Pneumocystis Pneumonia. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2009 Apr 9. Kansas City, MO

8. Barksdale AN. GI and Transfusion Emergencies. Resident Review Lecture Series, Emergency Medicine Department/Truman Medical Center; 2009 May 14. Kansas City, MO
9. Barksdale AN. Death and Dying. Emergency Medicine Student Clerkship/Truman Medical Center; 2009 June 2008-July. Kansas City, MO
10. Barksdale AN. Anaphylaxis. Internal Medicine Noon Conference UMKC School of Medicine; 2009 July 9. Kansas City, MO
11. Barksdale AN. "Fluids, Electrolytes, and Acid-Base". Metropolitan Ambulance Service Trust, Paramedic Training Program; 2009 Oct 14. Kansas City, Mo
12. Barksdale AN. Acute Intermittent Porphyria. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2009 Nov 16. Kansas City, MO
13. Barksdale AN. "Endocrine Emergencies". Metropolitan Ambulance Service Trust, Paramedic Training Program; 2010 Jan 25. Kansas City, MO
14. Barksdale AN. Carbamazepine Toxicity. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2010 May 27. Kansas City, MO
15. Barksdale AN. Utilizing a Checklist for Central Line Insertion. UMKC School of Medicine: Presented to incoming residents of all specialties; 2010 June 29. Kansas City, MO
16. Barksdale AN. Anaphylaxis. Internal Medicine Noon Conference UMKC School of Medicine; 2010 July 8. Kansas City, MO
17. Barksdale AN. Anaphylaxis. Emergency Medicine Department Faculty Lecture Series/Truman Medical Center; 2010 Aug 12. Kansas City, MO
18. Barksdale AN. Ruptured Abdominal Aortic Aneurysm. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2010 Aug 12. Kansas City, MO
19. Barksdale AN. "Is Emergency Medicine Right for You?" Panel Member for Student Workshop. Great Plains Regional SAEM Committee; 2010 Sept 17. Omaha, NE
20. Barksdale AN. Hyperthyroidism. Emergency Medicine Department Grand Rounds/Truman Medical Center; 2011 Mar 24. Kansas City, MO
21. Barksdale AN. EKG's You Don't See Everyday. Emergency Medicine Department Faculty Lecture Series/Truman Medical Center; 2011 Mar 24. Kansas City, MO
22. Barksdale AN. "Cardiology Clinic Follow-Up did not Decrease Return Visits to the ED for Chest Pain Patients". SAEM Annual Meeting; 2011 June 4. Boston, MA
23. Barksdale AN. "Cranial Nerve Palsies". Emergency Medicine Department Grand Rounds/Truman Medical Center; 2011 July 7. Kansas City, MO
24. Barksdale AN. Anaphylaxis. Internal Medicine Noon Conference UMKC School of Medicine; 2011 July 7. Kansas City, MO
25. Barksdale AN. "Flash Pulmonary Edema". Emergency Medicine Department Grand Rounds/Truman Medical Center; 2011 Oct 13. Kansas City, MO
26. Barksdale AN. "Multi-Drug Overdose". Emergency Medicine Department Grand Rounds/Truman Medical Center; 2011 Dec 21. Kansas City, MO
27. Barksdale AN. The Pelvic Exam and STD's. Emergency Medicine Student Clerkship/Truman Medical Center: Given monthly; 2012 Aug 2009-May. Kansas City, MO
28. Barksdale AN. "Diagnosis and Disposition are Changed When Board Certified Emergency Physicians Use CT for Non-Traumatic Abdominal Pain". ACEP Scientific Assembly; 2012 Oct 8. Denver, CO

29. Barksdale AN. Bony Injuries to the Upper Extremity. Emergency Department Faculty Lecture Series; 2013 Jan 24. Omaha, NE
30. Barksdale. EM Skills for the Rural Practitioner. Airway Management & Chest Thoracotomy Tube Placement; 2013 04 10. UNMC
31. Barksdale AN. "Bony Injuries to the Lower Extremity". Emergency Medicine Residency Lecture Series; 2013 Feb 07. Omaha, NE
32. Barksdale AN. Pneumocystis Pneumonia. Emergency Department Faculty Lecture Series; 2013 May 09. University of Nebraska Medical Center
33. Barksdale AN. Clinical Pathologic Case Conference. Society of Academic Emergency Medicine Annual Conference; 2013 May 15. Atlanta, Ga
34. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays. Emergency Department Faculty Lecture Series; 2013 July 17. University of Nebraska Medical Center
35. Barksdale AN. EKGs You Don't See Every day. Emergency Department Faculty Lecture Series; 2013 July 17. University of Nebraska Medical Center
36. Barksdale AN. Introduction to Journal Club. Emergency Department Faculty Lecture Series; 2013 August 18. University of Nebraska Medical Center
37. Barksdale AN. Foodborne Illnesses. Emergency Department Faculty Lecture Series; 2013 October 23. University of Nebraska Medical Center
38. Barksdale AN. Osteomyelitis and the Septic Joint. Emergency Department Faculty Lecture Series; 2014 January 08. University of Nebraska Medical Center
39. Barksdale AN. Tick-Borne Illnesses. Emergency Department Faculty Lecture Series; 2014 January 08. University of Nebraska Medical Center
40. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part II. Emergency Department Faculty Lecture Series; 2014 12 17. UNMC
41. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part I. Emergency Department Faculty Lecture Series; 2014 10 08. UNMC
42. Barksdale AN. Bony Injuries to the Lower Extremity. Emergency Department Faculty Lecture Series; 2014 09 24. UNMC
43. Barksdale AN. Bony Injuries to the Upper Extremity. Emergency Department Faculty Lecture Series; 2014 09 24. UNMC
44. Barksdale AN. The Process Trial. Faculty Journal Club; 2014 08 27. UNMC
45. Barksdale AN. Overview of Journal Club. Emergency Department Faculty Lecture Series; 2014 07 16. UNMC
46. Barksdale. EM Skills for the Rural Practitioner. Splinting for Common Fractures; 2014 04 02. UNMC
47. Barksdale AN. Anaphylaxis, Where Are We Now?. Emergency Medicine Grand Rounds; 2014 March 19. University of Nebraska Medical Center
48. Barksdale AN. Oral Boards, Playing the Game. Emergency Department Faculty Lecture Series; 2014 April 09. University of Nebraska Medical Center
49. Barksdale AN. EKGs You Don't See Everyday, Part I. Emergency Department Faculty Lecture Series; 2015 03 18. UNMC
50. Barksdale AN. Pneumocystis Pneumonia. Emergency Department Faculty Lecture Series; 2015 Mar 18. University of Nebraska Medical Center
51. Barksdale AN. Oral Boards, Playing the Game. Emergency Department Faculty Lecture Series; 2015 Apr 08. University of Nebraska Medical Center

52. Barksdale AN. EM Skills for the Rural Practitioner. Rural Emergency Medicine Conference; 2015 Apr 22. University of Nebraska Medical Center
53. Barksdale AN. EKGs You Don't See Every day, Part II. Emergency Department Faculty Lecture Series; 2015 Apr 18. University of Nebraska Medical Center
54. Barksdale AN. Overview of Journal Club. Emergency Department Faculty Lecture Series; 2015 Jul 29. University of Nebraska Medical Center
55. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part I. Emergency Department Faculty Lecture Series; 2015 Sep 23. University of Nebraska Medical Center
56. Barksdale AN. Pneumocystis Pneumonia. Emergency Department Faculty Lecture Series; 2015 Sep 09. University of Nebraska Medical Center
57. Barksdale AN. Bony Injuries to the Lower Extremity. Emergency Department Faculty Lecture Series; 2015 Oct 21. University of Nebraska Medical Center
58. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part II. Emergency Department Faculty Lecture Series; 2015 Nov 11. University of Nebraska Medical Center
59. Barksdale AN. Study Designs in Medical Research. Emergency Department Faculty Lecture Series; 2016 Jan 13. University of Nebraska Medical Center
60. Barksdale AN. Septic Arthritis. Emergency Department Faculty Lecture Series; 2016 09 28. UNMC
61. Barksdale AN. Introduction to Journal Club and Basic Statistics. Emergency Department Intern Orientation Lecture Series; 2016 07 13. UNMC
62. Barksdale AN. Foodborne Illness. Emergency Department Faculty Lecture Series; 2016 06 15. UNMC
63. Barksdale AN. Tick-Borne Illnesses. Emergency Department Faculty Lecture Series; 2016 06 15. UNMC
64. Barksdale AN. What's the Risk, Understanding Risk in Medical Statistics. Emergency Department Faculty Lecture Series; 2016 05 25. UNMC
65. Barksdale AN. Oral Boards, Playing the Game. Emergency Department Faculty Lecture Series; 2016 04 06. UNMC
66. Barksdale AN. Checklist Medicine, Are We Saving Lives?. Emergency Medicine Grand Rounds; 2017 12 20. UNMC
67. Barksdale AN. Aspiration Pneumonia. Emergency Medicine Faculty Lecture Series; 2017 11 08. UNMC
68. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part II. Emergency Department Faculty Lecture Series; 2017 09 17. UNMC
69. Barksdale AN. Bundle Branch Blocks and Intraventricular Conduction Delays: Part I. Emergency Department Faculty Lecture Series; 2017 08 23. UNMC
70. Barksdale AN. Diarrhea and HUS. Emergency Medicine Faculty Lecture Series; 2017 08 09. UNMC
71. Barksdale AN. Blast Injuries. Emergency Department Faculty Lecture Series; 2017 06 28. UNMC
72. Barksdale AN. Tachycardias. Emergency Department Faculty Lecture Series; 2017 04 12. UNMC
73. Barksdale AN; Goede MR. Obesity Is Not Associated With Increased Difficulty Placing Peripheral Intravenous Catheters in Trauma Activation Patients. 2017 Annual Society for

- Academic Emergency Medicine Conference; 2017 16 May. Orlando, FL
74. Barksdale AN. Pediatric Rashes. Emergency Department Faculty Lecture Series; 2017 02 15. UNMC
 75. Barksdale. Checklist Medicine, Are We Saving Lives?. Emergency Medicine Grand Rounds; 2018 12 20. UNMC
 76. Barksdale AN. Anaphylaxis. Emergency Medicine Foundation; 2018 12 13. UNMC
 77. Barksdale AN. Pediatric Rashes. Emergency Medicine Faculty Lecture Series; 2018 08 16. UNMC
 78. Barksdale AN. Community Acquired Pneumonia. Emergency Medicine Faculty Lecture Series; 2018 08 09. UNMC
 79. Barksdale AN. Use of Nitroglycerin by Bolus prevents intensive care unit admission in patients with acute hypertensive heart failure. Faculty Journal Club; 2018 07 26. UNMC
 80. Barksdale AN. HIV Pneumonia. Emergency Medicine Foundation Lecture; 2018 07 12. UNMC
 81. Barksdale AN. Osteomyelitis and the Septic Joint. Emergency Department Faculty Lecture Series; 2018 05 23. UNMC
 82. Barksdale AN. Rhabdomyolysis and Compartment Syndrome. Emergency Department Faculty Lecture Series; 2018 05 23. UNMC
 83. Barksdale AN. Pediatric and Toxicology In-Service Review. Emergency Medicine Faculty Lecture Series; 2018 02 14. UNMC
 84. Barksdale AN. Maxillofacial Trauma. Emergency Medicine Foundation Lecture; 2018 01 10. UNMC
 85. Barksdale. Overview of Abuse and Mandatory Reporting in the United States. 2019 07 25. Akita, Japan
 86. Barksdale. Dexamethasone Improved Wound healing by Decreased Inflammation and Increased Vasculogenesis in Frostbite Model. SAEM Annual Meeting; 2020 07 30. Virtual Conference
 87. Bolton JL; Dass C; Welniak TJ; Barksdale A. REPS: A Novel Shift Debriefing Method for Emergency Medicine Residencies. CORD Academic Assembly; 2023 March. Las Vegas, Nevada

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Barksdale AN; Hackman J; Bonham A; Gratton M. Cardiology clinic follow-up did not decrease return visits to the ED for chest pain patients. American Journal of Emergency Medicine. 2014 Sep
2. Barksdale A, Hackman J, Bonham A, Gratton M. Cardiology clinic follow-up did not decrease return visits to the ED for chest pain patients. American Journal of Emergency Medicine. 32 : 1208-1211. 2014
3. Barksdale AN; Hackman JL; Gaddis, M; Gratton, MC. Diagnosis and Disposition are changed when Board Certified Emergency Physicians Use CT for Non-Traumatic Abdominal Pain. American Journal of Emergency Medicine. 2015; Vol. 33: p. 1646-1650
4. Barksdale AN, Hackman JL, Gaddis M, Gratton MC. Diagnosis and disposition are

- changed when board-certified emergency physicians use CT for non-traumatic abdominal pain. *American Journal of Emergency Medicine*. 33 : 1646-1650. 2015
5. Aaron Nathan Barksdale; Jeff Lee Hackman; Karen Williams; Matt Christopher Gratton. ED triage pain protocol reduces time to receiving analgesics in patients with painful conditions. *American Journal of Emergency Medicine*. 34 : 2362-2366. 2016
 6. Ryan M. Corrick; Huiyin Tu; Dongze Zhang; Aaron N. Barksdale; Robert L. Muelleman; Michael C. Wadman; Yu Long Li. Dexamethasone protects against tourniquet-induced acute ischemia-reperfusion injury in mouse hindlimb. *Frontiers in Physiology*. 9 : 2018
 7. Huiyin Tu; Dongze Zhang; Aaron N. Barksdale; Michael C. Wadman; Robert L. Muelleman; Yu Long Li. Dexamethasone Improves Wound Healing by Decreased Inflammation and Increased Vasculogenesis in Mouse Skin Frostbite Model. *Wilderness and Environmental Medicine*. 31 : 407-417. 2020
 8. Weseman JD; Ernest EV; Campos AS; Lyden ER; Barksdale AN. Comparing Outcomes in Out-of-Hospital Cardiac Arrest After Implement Mechanical Compression Devices. *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*. 2020 May; Vol. 27 (S1): p. S172. 1069-6563
 9. Aaron Nathan Barksdale; Matthew Goede; Scott Madden; Abraham Campos; Robin High. Obesity is not associated with increased difficulty placing peripheral IVs in trauma activation patients. *American Journal of Emergency Medicine*. 38 : 1875-1878. 2020
 10. Deckert EB; Lyden E; Barksdale AN. Social Disparities of One Year Cholecystectomy and Complication rates, after Emergency Department Diagnosis of Symptomatic Cholelithiasis. *Annals of emergency medicine*. 2020 Oct; Vol. 76: p. 45. 0196-0644
 11. Huiyin Tu; Dongze Zhang; Junliang Qian; Aaron N. Barksdale; Iraklis I. Pipinos; Kaushik P. Patel; Michael C. Wadman; Yulong Li. A comparison of acute mouse hindlimb injuries between tourniquet- and femoral artery ligation-induced ischemia-reperfusion. *Injury*. 2021
 12. Devin M. Frisby; Huiyin Tu; Junliang Qian; Dongze Zhang; Aaron N. Barksdale; Michael C. Wadman; Jeffrey S Cooper; Yulong Li. Hyperbaric oxygen therapy does not alleviate tourniquet-induced acute ischemia-reperfusion injury in mouse skeletal muscles. *Injury*. 2021
 13. Nguyen TT; Zeger WG; Wadman MC; Barksdale A. Accuracy and acceptance of a self-collection model for respiratory tract infection diagnostics: a concise clinical literature review. *Journal of emergency nursing: JEN : official publication of the Emergency Department Nurses Association*. 2021 Sep; Vol. 47 (5): p. 795-806. 0099-1767
 14. Aaron Nathan Barksdale; Wesley G. Zeger; Joshua L. Santarpia; Vicki L. Herrera; Daniel N. Ackerman; John J. Lowe; Michael C. Wadman. Implementation of a COVID-19 cohort area resulted in no surface or air contamination in surrounding areas in one academic emergency department. *American Journal of Emergency Medicine*. 47 : 253-257. 2021
 15. Thang T. Nguyen; Wesley G. Zeger; Michael C. Wadman; Aaron N. Barksdale. Accuracy and Acceptance of a Self-Collection Model for Respiratory Tract Infection Diagnostics: A Concise Clinical Literature Review. *Journal of Emergency Nursing*. 47 : 798-806. 2021
 16. Qian J, Tu H, Zhang D, Barksdale AN, Patel KP, Wadman MC, Li YL. Therapeutic effects of masitinib on abnormal mechanoreception in a mouse model of tourniquet-induced extremity ischemia-reperfusion. *European journal of pharmacology*.

- 911 : 174549. 2021
17. Nguyen TT; Zeger WG; Wadman MC; Schnaubelt AT; Barksdale A. Pandemic driven innovation: a pilot evaluation of an alternative respiratory pathogen collection device. *The American journal of emergency medicine*. 2022; p. 111-116. 0735-6757
 18. Huiyin Tu; Junliang Qian; Dongze Zhang; Aaron N. Barksdale; Michael C. Wadman; Iraklis I. Pipinos; Yulong Li. Different responses of skeletal muscles to femoral artery ligation-induced ischemia identified in BABL/c and C57BL/6 mice. *Frontiers in Physiology*. 13 : 2022
 19. Thang T. Nguyen; Wesley G. Zeger; Michael C. Wadman; Andy T. Schnaubelt; Aaron N. Barksdale. Pandemic driven innovation: A pilot evaluation of an alternative respiratory pathogen collection device. *American Journal of Emergency Medicine*. 61 : 111-116. 2022
 20. Barksdale AN; Wood, GM; Branecki CE; Zimmerman Bk; Lyden, E; Nguyen TT; Hatfield AL; Koepsell S; Langenfeld JG; Zeger WG; wadman mc. Incidence of unknown COVID-19 infection in a cohort of emergency physicians and advance practice providers. *The American journal of emergency medicine*. 2023; p. 155-160. 0735-6757
 21. Wesley H. Self; Matthew S. Shotwell; Kevin W. Gibbs; Marjolein De Wit; D. Clark Files; Michelle Harkins; Kristin M. Hudock; Lisa H. Merck; Ari Moskowitz; Krystle D. Apodaca; Aaron Barksdale; Basmah Safdar; Ali Javaheri; Jeffrey M. Sturek; Harry Schragar; Nicole Iovine; Brian Tiffany; Ivor S. Douglas; Joseph Levitt; Laurence W. Busse; Adit A. Ginde; Samuel M. Brown; David N. Hager; Katherine Boyle; Abhijit Duggal; Akram Khan; Michael Lanspa; Peter Chen; Michael Puskarich; Derek Vonderhaar; et al. Renin-Angiotensin System Modulation with Synthetic Angiotensin (1-7) and Angiotensin II Type 1 Receptor-Biased Ligand in Adults with COVID-19: Two Randomized Clinical Trials. *JAMA*. 329 : 1170-1182. 2023
 22. Thang T. Nguyen; Jason G. Langenfeld; Benjamin C. Reinhart; Elizabeth I. Lyden; Abraham S. Campos; Michael C. Wadman; Matthew R. Jamison; Stephen A. Morin; Aaron N. Barksdale. An evaluation of the usability and durability of 3D printed versus standard suture materials. *Wound Repair and Regeneration*. 2024

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

1. Barksdale AN. Cardiology Clinic Follow-up did not Decrease Return Visits to the ED for Chest Pain Patients *The American Journal of Emergency Medicine*. *American Journal of Emergency Medicine*. 2014

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

1. Barksdale AN; Tran TP. Emergency Medicine: Expert Consult. 2. Elsevier; 2012. Chapter 106, Allergic Disorders
2. Barksdale AN. Manual of Emergency Medicine. 7. McGraw-Hill; 2012. Chapter 153, Neck and Upper Airways Disorders
3. Barksdale AN. Manual of Emergency Medicine. 7. McGraw-Hill; 2012. Chapter 134, Acquired Bleeding Disorders
4. Barksdale AN. Just the Facts. 3. McGraw Hill; 2013. Chapter 155, Neck and Upper Airways Disorders
5. Barksdale AN. Just the Facts, 3rd Edition. 3. McGraw-Hill; 2013. Chapter 136, Acquired Bleeding Disorders
6. Barksdale AN. Clinical Decision Support: Emergency Medicine. Wilmington DC: Decision Support in Medicine, LLC; 2017. Bullous Impetigo
7. Barksdale AN. Clinical Decision Support: Emergency Medicine. Decision Support in Medicine, LLC; 2017. Pemphigus Vulgaris
8. Barksdale AN; Muelleman RL. Rosen's Emergency Medicine: Concepts and Clinical Practice. 9. Elsevier; 2017. Chapter 109, Allergy, Hypersensitivity and Anaphylaxis: Walls
9. Barksdale AN; Ross WD. Rosen's emergency medicine 10th edition. Elsevier; 2020. Anaphylaxis, Allergic reactions, and Urticaria

F. BOOKS OR JOURNALS EDITED

JOURNALS EDITED

1. Barksdale AN. : Cardiology Clinic Follow-up did not Decrease Return Visits to the ED for Chest Pain Patients The American Journal of Emergency Medicine. American Journal of Emergency Medicine. 2014 May

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

1. Barksdale AN; Hackman JL; Bonham A; Bogart D; Wayne L; Gratton MC. Cardiology Clinic Follow-Up did not Decrease Return Visits to the ED for Chest Pain Patients. Acad Em Med. 2011 May , Vol. 18 (5): S203
2. Barksdale AN; Hackman JL; Bonham A; Gratton MD. Diagnosis and Disposition are Changed When Board Certified Emergency Physicians Use CT for Non-Traumatic Abdominal Pain. Annals of Emerge. 2012 Oct , Vol. 60 (4): S61
3. Daniel NJ; Barksdale A; Lander L; Barthold CL. Are emergency medicine residents "missing" central line training? Abstract 406. Society of Academic Emergency Medicine; Acad Emerg Medicine. 2014, Vol. Suppl 1: A171-A172
4. Barksdale AN. Emergency Department Triage Pain Protocol Reduces Time to Receiving Analgesics in Patients with Painful Conditions. Society of Academic Emergency Medicine Annual Conference; Dallas, Tx. Academic Emergen. 2014 May , Vol. 21(5): S217
5. Barksdale AN. Are Emergency Medicine Residents "Missing" Central Line Training? Retrospective Review of Central Venous Catheters Placed in and out of the Emergency Department. Society of Academic Emergency Medicine Annual Conference; Dallas, Tx.

- Academic Emergen. 2014 May , Vol. 21(5): S171-172
6. Barksdale AN; Dunn, AR; High R. Comparison of Novel Suction Device versus Traditional Yankauer in Managing Difficult Airways in Human Cadavers. Acad Em Med. 2015 May , Vol. 22: S348
 7. Barksdale AN; Goede MR. Obesity Is Not Associated With Increased Difficulty Pacing Peripheral Intravenous Catheters in Trauma Activation Patients. Society for Academic Emergency Medicine. 2016
 8. Kirschner RI; Barksdale AN; Krebs J; Wolfe M; Watson S; Hamm J; Smith KA. A Multidisciplinary Exotic Venomous Snakebite Drill. Med. Toxicol. 2018, Vol. 14
 9. Karl ER; Jarou Z; Qiu C; Barksdale AN. Factors Affecting Emergency Medicine Residency Applicant Perceptions of Competitiveness and Number of Applications Submitted. Academic Emergency Medicine; 2019
 10. Jafilan S; Barksdale AN; Lyden E; Kaftan P; Roth J; Swingle; Holland JL. Microscopic Hematuria and its Relation to Hydronephrosis and Stone Size in Confirmed Urolithiasis. Acad. Emergency Medicine. 2019, Vol. 26
 11. Tu H; Zhang D; Barksdale AN; Wadman MC; Muelleman RL; Li YL. Dexamethasone Improves Wound Healing by decreased Inflammation and Increased Vasculogenesis in mouse skin frostbite model. Acad. Emergency Medicine. 2020 May , Vol. 27
 12. Ross WD; Lyden E; Barksdale AN. A Retrospective Review of Patient Characteristics with Anaphylaxis and Those Who Experience a Biphasic Reaction. Academic Emergency Medicine. 2020 May , Vol. 27
 13. amanda anderson; Ross WD; Lyden ER; Barksdale A. A Retrospective Review of the Clinical Significance of Knee Effusions on X-ray Imaging and the Relation to Occult Tibial Plateau Fractures. SAEM; Orlando. Annals of emergency medicine. 2020 Oct , Vol. 76: 115
 14. Andersen A; Lyden E; Barksdale AN. A Retrospective Review of the Clinical Significance of Knee Effusions on X-ray Imaging and the Relation to Occult Tibial Plateau Fractures. Annals of Emergency Medicine. 2020 Oct , Vol. 76: 45
 15. Houghton R; Lyden E; Barksdale AN. The Effect of Weather on Orthopedic Injury Presentation to the Emergency Department. Annals of Emergency Medicine. 2020 Oct , Vol. 76: 45
 16. Barksdale; Zeger WG; Held JG; Lyden ER. Specific Bandemia Cut Off and Elevated Procalcitonin Associated With Bacteremia and In-Hospital Mortality Regardless of Leukocytosis. Annals of Emergency Medicine. 2021, Vol. 78: S50
 17. Radio JJ; Willet KG; Buyan LL; Zimmerman Bk; Lyden ER; Cooper JS; Walker R; Barksdale A. Prolonged N-95 Mask Use Did Not Result in Carbon Dioxide Retention or Clinically Significant pH Changes in One Cohort of Health Care Workers. Annals of Emergency Medicine. 2021, Vol. 78: S34
 18. Devin M Frisby; Tu H; Qian J; Zhang D; Barksdale AN; Michael C. Wadman; Cooper JS. Hyperbaric oxygen therapy does not alleviate tourniquet-induced acute ischemia-reperfusion injury in mouse skeletal muscles. Injury. 2021
 19. Jobeun N; Branecki C; Lyden ER; Barksdale AN. The effect and Utility of Emergency Medicine Resident Orientation. Acad Eme Med. 2021, Vol. 28: 384
 20. Gronbeck KR; Barksdale A; Marx JT. The Role of Point of Care Ultrasound in the Diagnosis and Management of Shoulder Dislocation. Annals of Emergency Medicine. 2021 Oct , Vol. 78: s131

21. Bolton JL; Dass C; Welniak TJ; Barksdale A. REPS: A Novel Shift Debriefing Method for Emergency Medicine. *CORD*; Las Vegas, Nevada. *Western Journal of Emergency Medicine*. 2023, Vol. 24: S57-S58

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

Not Applicable

I. PUBLISHED CONTINUING EDUCATION MATERIALS

Not Applicable

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable

EDUCATION / TEACHING ACTIVITY

A. COURSES, TEAM TAUGHT

Emergency Medicine Skills for the Rural Practitioner Course

Instructor:

UNMC, Instructor for basic and advance airway management, 26.00 hours/year, 2013

Evaluating the CURB-65 Rule

Lecture:

Faculty Journal Club, UNMC, Department of Emergency Medicine, 08/24/2016

Epidemiology, Case-Control Studies

UNMC, Lectured and worked through an example of a cold-case study, 02/27/2018

Internal Medicine Resident Procedure Skills Lab

Instructor:

UNMC, Instructed and observed Internal Medicine Interns performing central venous catheter placement on simulated models, 4.00 hours 09/4/2015

UNMC, Instructed and observed Internal Medicine Interns performing paracentesis on simulated models, 4.00 hours 09/2/2015

Journal Club

Lecture:

UNMC, The Senior Project and Basics Statistics, 07/10/2017

June Term Instruction on Foley catheter placement and bladder ultrasound

Instructor:

UNMC, Instructed 3rd year medical students, 3.00 hours 06/29/2018

Ultrasound Workshop, Abdomen and Gall Bladder

UNMC, Instructed 2nd year medical students on how to perform E-Fast exam, 4.00 hours
09/20/2018

Ultrasound Workshop, Cardiac Echo

UNMC, Instructed 1st year medical students on how to perform cardiac echo exams, 4.00
hours 01/30/2020

Ultrasound Workshop, E-FAST exam

UNMC, Instructed 2nd year medical students on how to perform E-FAST exam, 2.00
hours 03/10/2017

UNMC, Instructed 2nd year medical students on how to perform E-FAST exam, 2.00
hours 03/10/2017

Ultrasound Workshop, Gallbladder

UNMC, Instructed 1st year medical students on how to perform gallbladder ultrasound
exams, 4.00 hours 09/15/2020

Ultrasound Workshop, GU Kidney/Bladder

UNMC, Instructed 1st year medical students on how to perform kidney and bladder
exams, 4.00 hours 11/01/2019

UNMC, Instructed 1st year medical students on how to perform kidney and bladder
exams., 4.00 hours 10/30/2019

Ultrasound Workshop, Musculoskeletal Exam

UNMC, Instructed 2nd year medical students on how to perform E-Fast exam, 3.00 hours
11/14/2017

Ultrasound Workshop, Skin and Soft Tissue

UNMC, Instructed 1st year medical students on how to perform soft tissue exams, 4.00
hours 11/08/2018

B. COURSES, INDIVIDUAL TAUGHT

Lecture:

, 1.00 hour 07/10/2018

Acute Care Block

Other

UNMC, Sterile Gowning and Suturing, University of Nebraska Medical School:
Instructed 3rd year medical students, 4.00 hours 03/23/2022

Anaphylaxis

UNMC, Emergency Medicine Foundation Lecture Series, 1.00 hour 06/05/2020

APAP overdose

Lecture:

UNMC, Emergency Medicine Foundation Lecture Series (4 half hour sessions), 2.00
hours 12/12/19

Bradycardia

UNMC, Emergency Medicine Foundation Lecture Series (4 Half hour sessions), 2.00
hours 04/04/19

Brief Resolved Unexplained Event

UNMC, Emergency Medicine foundation Lecture Series (4 half hour sessions), 2.00
hours 0/14/2021

Bundle Branch Blocks and Intraventricular Conduction Delays

UNMC, Emergency Medicine Foundation Lecture Series (4 Half hour sessions), 2.00 hours 03/28/2019

Emergency Medicine In Service Exam Review

UNMC, Pediatrics and Neurology, 1.00 hour 02/14/19

Emergency Medicine Skills for the Rural Practitioner CourseInstructor:

UNMC, Individual instruction in splint placement for common fractures, , 5.00 hours/year, 2014

Faculty Journal ClubLecture:

UNMC, Clinical Trial of Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis, 1.00 hour 7/10/2020

UNMC, Effect of Low-Dose Supplementation of Arginine Vasopressin on Need for Blood Product Transfusions in Patient with Trauma and Hemorrhagic Shock a Randomized Clinical Trial, 1.00 hour 07/09/20

Journal ClubOther

UNMC, The Senior Project and Basics Statistics, 1.00 hour 07/07/2020

M4 Senior Seminar Procedure Skills WorkshopInstructor:

UNMC, Instructed and observed 4th year medical students performing lumbar punctures, paracentesis, and thoracentesis on simulated models
, 3.00 hours/year, 2014 - 2017

MeningitisOther

UNMC, Emergency Medicine Foundation Lecture Series (4 half hour sessions), 2.00 hours 10/10/2019

Neonatal Jaundice

UNMC, Emergency Medicine Foundation Lecture Series (4 half hour sessions), 2.00 hours 7/23/2020

PID and TOA

UNMC, Emergency Medicine Foundation Lecture Series (4 half hour sessions), 2.00 hours 03/12/2020

The Trauma Chest X-rayLecture:

Emergency Medicine Faculty Lecture Series, 06/27/19

Traumatic Abdominal Injuries

UNMC, Emergency Medicine Foundation Lecture Series (4 half hour sessions), 2.00 hours 06/27/2019

Ultrasound Workshop, Cardiac EchoOther

UNMC, POCUS Cardiac, University of Nebraska Medical School: Instructed 1nd year medical students on how to perform cardiac, soft tissues, and thoracic ultrasound exams, 4.00 hours 01/27/2022

Ultrasound Workshop, GastrointestinalInstructor:

UNMC, Instructed 2nd year medical students on how to perform GI exams, 4.00 hours
10/03/2019

C. GRADUATE STUDENT INSTRUCTION

Faculty Advisor Adam Krause

Advisor:

, 2013 - 2016

Faculty Advisor Albert Dunn

, 2014 - 2015

Faculty Advisor Carl Gladitsch

, 2014 - 2017

Faculty Advisor Peter Anaradian

, 2012 - 2015

Faculty Advisor Ryan Corrick

, 2014 - 2017

D. RESIDENCY/FELLOWSHIP

Instructor:

Bony Trauma, UNMC, , 2013

Bony Trauma LE, UNMC, , 2013

CPC Review, UNMC, , 2013

Journal Club, UNMC, , 2013

Pneumonia, UNMC, , 2013

Lecture:

EBM/Stats, UNMC, , 1.00 hour 9/2/2015

PJP, UNMC, , 1.00 hour 9/9/2015

BBB, UNMC, , 1.00 hour 9/23/2015

EBM Stats, UNMC, , 1.00 hour 1/13/2016

Food Poisoning, UNMC, , 1.00 hour 6/15/2016

Tick Borne Illness, UNMC, , 1.00 hour 6/15/2016

Faculty Advisor Andrew Russel

Advisor:

Truman Medical Center, Faculty advisor for Andrew Russel, 2010 - 2012

Faculty Advisor for Aaron Kaus

Truman Medical Center, Faculty Advisor for Aaron Kaus, 2009 - 2012

Faculty Advisor for David Biller

Truman Medical Center, Faculty Advisor for David Biller, 2009 - 2012

Faculty Advisor for Ryan White

Truman Medical Center, Faculty Advisor for Ryan White, 2011 - 2012

Integrated Clinical Experience

Instructor:

UNMC, co-facilitate a small group of 1st year medical students to discuss ethical issues/topics, and practice communication and interviewing skills. Meet weekly for 2

hours (September 2012- current)., 2.00 hours/year, 2012 - Present

Peter Anaradian

Advisor:

UNMC, Faculty advisor for Peter Anaradian, 2012 - Present

Problem Based Learning

Instructor:

UNMC, facilitated a small group of 11 2nd year medical students through a clinical case of invasive zygomycetes infection. Met for 1-2 hours on three different occasions (10/12/12, 10/16/12, 10/22/12), 6.00 hours 2012 - 2016

Study Designs in Clinical Research

Other

University of Nebraska Medical Center, Fellowship Research Lecture Series., 02/08/2022

E. ADDITIONAL INSTRUCTION

Journal Club

Lecture:

Changing Target Temperature, UNMC, Changing Target temperature from 33C to 36C in the ICU management out-of-hospital cardiac arrest: A before and after study, 07/26/2021

F. MEDICAL STUDENT TEACHING

M-ID 501 - FUNDAMENTALS

Discussion, Small Gr:

Patient/Physician Interaction, 2.00 hours, 08/21/2018
Biopsychosocial Model, 2.00 hours, 09/11/2018
Communication Skills, 2.00 hours, 08/24/2021
Communication Skills History Taking, 2.00 hours, 08/31/2021
Communication Skills Biopsychosocial Model, 2.00 hours, 09/14/2021
SG: Communication Skills, 2.00 hours, 08/22/2023
SG: Communication Skills: History Taking, 2.00 hours, 08/29/2023
SG: Communication Skills - Biopsychosocial Model, 2.00 hours, 09/05/2023

Role Play/Dramatizat:

Patient/Physician Interaction, 2.00 hours, 08/21/2018
Biopsychosocial Model, 2.00 hours, 09/11/2018

M-ID 502 - BLOOD

Discussion, Large Gr:

Epidemiology, 1.00 hour, 11/02/2017

M-ID 504 - MUSCULOSKLTTL & INTGMNT

Discussion, Small Gr:

Communications, 2.00 hours, 11/13/2018

SG: Communications Skills, 2.00 hours, 11/21/2023

Laboratory:

Axilla, Breast & Pectoral Regions/POCUS, 3.00 hours, 11/08/2018

M-ID 505 - CIRCULATORY

Discussion, Small Gr:

Nutrition and Smoking Cessation, 2.00 hours, 02/05/2019

Communication Skills, 2.00 hours, 02/01/2022

Simulation:

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

POCUS - Echocardiogram, 1.00 hour, 01/30/2020

POCUS - Echocardiogram, 1.00 hour, 01/30/2020

POCUS - Echocardiogram, 1.00 hour, 01/30/2020

POCUS - Echocardiogram, 1.00 hour, 01/30/2020

POCUS - Echocardiogram, 1.00 hour, 01/27/2022

POCUS - Echocardiogram, 1.00 hour, 01/27/2022

POCUS - Echocardiogram, 1.00 hour, 01/27/2022

POCUS - Echocardiogram, 1.00 hour, 01/27/2022

Workshop:

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

M-ID 506 - RESPIRATORY

Discussion, Large Gr:

Case-control Studies, 1.00 hour, 02/28/2018

Discussion, Small Gr:

Communication Skills, 2.00 hours, 02/12/2019

M-ID 507 - RENAL

Discussion, Small Gr:

Communication Skills, 2.00 hours, 03/29/2022

SG: Communication Skills, 2.00 hours, 03/26/2024

M-ID 508 - NEUROSCIENCES

Discussion, Small Gr:

Communication Skills: Palliative Care, 1.00 hour, 05/28/2019

Communication Skills: Breaking Bad News Assignment, 2.00 hours, 04/05/2022

Communication Skills: Depression, 2.00 hours, 05/17/2022

SG: Communication Skills Breaking Bad News, 1.50 hours, 04/02/2024

M-ID 510 - GASTROINTESTINAL

Discussion, Small Gr:

Communication Skills, 2.00 hours, 09/24/2019

Communication Skills: Disclosing Errors, 2.00 hours, 09/20/2022

Laboratory:

POCUS - GI - vessels, 1.00 hour, 09/03/2020

POCUS - GI - vessels, 1.00 hour, 09/03/2020

POCUS - GI - vessels, 1.00 hour, 09/03/2020

POCUS - GI - vessels, 1.00 hour, 09/03/2020

Simulation:

POCUS, 1.00 hour, 10/03/2019

POCUS, 1.00 hour, 10/03/2019

POCUS, 1.00 hour, 10/03/2019

POCUS, 1.00 hour, 10/03/2019

M-ID 511 - ENDOCRINE

Discussion, Small Gr:

Communication Skills, 2.00 hours, 10/22/2019

Communication Skills, 2.00 hours, 10/18/2022

M-ID 513 - BLOOD, DEFENSES & INVA

Discussion, Small Gr:

Communication Skills, 2.00 hours, 10/30/2018

Communication Skills, 2.00 hours, 09/28/2021

Communication Skills, 2.00 hours, 11/02/2021

SG: Communication Skills - Clinical Ethics, 2.00 hours, 09/26/2023

M-ID 525 - INTEGRATED CLIN EXP I

Discussion, Small Gr:

Informed Consent, 2.00 hours, 09/11/2012

Confidentiality, 2.00 hours, 09/18/2012

Interview #1, 2.00 hours, 09/25/2012

Patient Education, 2.00 hours, 10/16/2012

Adolescent Interview, 2.00 hours, 11/06/2012

Mood Disorders Jeopardy, 2.00 hours, 11/13/2012

Grief and Loss, 2.00 hours, 11/27/2012

Peer Review/Advisor, 3.00 hours, 12/04/2012

Introduction, 2.00 hours, 08/26/2014

Ethics, 2.00 hours, 09/09/2014

Informed Consent, 2.00 hours, 09/16/2014

Confidentiality, 2.00 hours, 09/23/2014

Interview #1, 2.00 hours, 09/30/2014

Interview #2, 2.00 hours, 10/07/2014

Videotaped Interview Review w/ Advisor, 3.00 hours, 10/15/2014

Interview #3, 2.00 hours, 10/21/2014

Patient Education, 2.00 hours, 10/28/2014

Adolescent Interview, 2.00 hours, 11/11/2014

Mood Disorders Jeopardy, 2.00 hours, 11/18/2014

Grief and Loss, 2.00 hours, 12/02/2014

Individual Meeting with Advisors, 3.00 hours, 12/16/2014

Introduction, 1.00 hour, 08/23/2016

Ethics, 2.00 hours, 08/30/2016

Informed Consent, 2.00 hours, 09/13/2016

Confidentiality, 2.00 hours, 09/20/2016

Interview #1 with Simulated Patient, 2.00 hours, 09/27/2016

Interview #2 with Simulated Patient, 2.00 hours, 10/04/2016

Interview #3 with Simulated Patient, 2.00 hours, 10/18/2016

Patient Education with Simulated Patient, 2.00 hours, 10/25/2016

Adolescent Interview with Simulated Patient, 2.00 hours, 11/08/2016

Mood Disorders Jeopardy, 2.00 hours, 11/15/2016

Grief and Loss, 2.00 hours, 11/29/2016

M-ID 526 - INTEGRATED CLIN EXP II

Discussion, Small Gr:

Sexual Interview, 2.00 hours, 01/15/2013

Contraceptive Counseling, 2.00 hours, 01/29/2013

Gay, Lesbian, Bisexual and Transgender Issues in Health Care, 2.00 hours, 02/05/2013
Family Health, 2.00 hours, 03/05/2013
Family Health #2, 2.00 hours, 03/12/2013
Common Problems #1, 2.00 hours, 03/26/2013
Common Problems #2, 2.00 hours, 04/02/2013
Peer Review/Advisor, 3.00 hours, 04/30/2013
Sexual Interview, 2.00 hours, 01/13/2015
Contraceptive Counseling, 2.00 hours, 01/27/2015
Videotaped Interview Review w/ Advisor, 4.00 hours, 02/17/2015
Family Health #1, 2.00 hours, 03/03/2015
Family Health #2, 2.00 hours, 03/10/2015
Common Problems #1, 2.00 hours, 03/24/2015
Common Problems #2, 2.00 hours, 03/31/2015
Peer Review with Advisor, 3.00 hours, 04/28/2015
Sexual Interview, 2.00 hours, 01/24/2017
Contraceptive Counseling, 2.00 hours, 01/31/2017
Videotaped Interview Review w/ Advisor, 5.00 hours, 02/21/2017
Family Health, 2.00 hours, 03/07/2017
Family Health #2, 2.00 hours, 03/14/2017
Common Problems #1, 2.00 hours, 03/28/2017
Common Problems #2, 2.00 hours, 04/04/2017
Individual Student Reviews with Advisor, 3.00 hours, 05/02/2017

M-ID 532 - ACUTE CARE

Case-Based Instructi:

Small Group Cases, 2.00 hours, 03/20/2019

Laboratory:

Airway Lab, .50 hours, 03/09/2020
Airway Lab, .50 hours, 03/09/2020
Airway Lab, .50 hours, 03/09/2020
Airway Lab, .50 hours, 03/09/2020
Airway Lab - Basic intubation, .50 hours, 03/09/2020
Airway Lab - Evaluating the airway and bag-valve-mask, .50 hours, 03/09/2020
Airway Lab - NIPPV, .50 hours, 03/09/2020
Airway Lab - Oxygen delivery and airway adjuncts, .50 hours, 03/09/2020
Procedures Practice & Check Off, 1.25 hours, 03/23/2022
Procedures Practice & Check Off, 1.25 hours, 03/23/2022

Simulation:

Airway Lab - Oxygen delivery and airway adjuncts, .50 hours, 03/09/2020
Airway Lab, .50 hours, 03/09/2020

M-ID 630 - INTRO DISEASE PROCESS

Problem-Based Learni:

M2 PBL Case 4, 1.00 hour, 10/12/2012
M2 PBL Case 4, 2.00 hours, 10/16/2012
M2 PBL Case 4, 1.00 hour, 10/22/2012
M2 PBL Case Two, 1.00 hour, 09/10/2013
M2 PBL Case Two, 2.00 hours, 09/13/2013
M2 PBL Case Two, 1.00 hour, 09/17/2013

M-ID 635 - INTEGRATED CLIN EX III

Discussion, Small Gr:

Clinical Preventive Medicine #1, 2.00 hours, 09/03/2013
Physical Diagnosis: Complete Physical Exam, 1.50 hours, 09/05/2013
Clinical Preventive Medicine #2, 2.00 hours, 09/10/2013
Patient Education/Behavior Change, 2.00 hours, 10/01/2013
Addiction Medicine, 2.00 hours, 10/15/2013
Working with Interpreters, 2.00 hours, 10/22/2013
Giving Bad News, 2.00 hours, 11/05/2013
Disclosing Medical Errors, 2.00 hours, 11/12/2013
Individual Student Reviews, 3.00 hours, 12/17/2013
Clinical Preventive Medicine #1, 2.00 hours, 09/01/2015
Clinical Preventive Medicine #2, 2.00 hours, 09/08/2015
Patient Education/Behavior Change, 2.00 hours, 09/15/2015
Working with Interpreters, 2.00 hours, 10/20/2015
Giving Bad News, 2.00 hours, 11/10/2015
Disclosing Medical Errors, 2.00 hours, 11/17/2015
Individual Student Reviews, 3.00 hours, 12/15/2015
Clinical Preventive Medicine #1, 2.00 hours, 08/29/2017
Clinical Preventive Medicine #2, 2.00 hours, 09/12/2017
Patient Education / Behavior Change, 2.00 hours, 09/19/2017
Working with Interpreters (Groups 1-7), 2.00 hours, 10/17/2017
Giving Bad News, 2.00 hours, 11/07/2017
Disclosing Medical Errors, 2.00 hours, 11/14/2017
Individual Student Reviews with Advisor, 3.00 hours, 12/12/2017

M-ID 641 - CARDIO/PULM/ENDO/ENT

Problem-Based Learni:

M2 PBL CPEE Case 1 Session 2, 2.00 hours, 11/15/2016
M2 PBL CPEE Case 1 Session 3, 2.00 hours, 11/22/2016

M-ID 645 - INTEGRATED CLIN EXP IV

Discussion, Small Gr:

Geriatrics, 2.00 hours, 04/22/2014
Individual Meetings with Idvisors, 3.00 hours, 04/29/2014
Epidemiology Small Groups, 2.00 hours, 02/16/2016
Addiction Medicine, 2.00 hours, 03/01/2016
Geriatrics, 2.00 hours, 04/05/2016
Individual Student Reviews, 3.00 hours, 05/03/2016
Epidemiology Small Groups, 2.00 hours, 01/23/2018
Addiction Small Groups, 2.00 hours, 02/27/2018
Geriatrics Small Groups, 2.00 hours, 04/03/2018
Individual Reviews, 2.00 hours, 04/24/2018

Simulation:

Ultrasound, 1.00 hour, 03/02/2018
Ultrasound, 1.00 hour, 03/02/2018
Ultrasound, 1.00 hour, 03/02/2018