

Department of Emergency Medicine Quarterly Update

Jan-Feb-Mar 2023

Message from the Chair: Barry J. Knapp, MD

I hope you are all well! It's an exciting and busy time of year for the academic department as we prep for both PGY-3 graduation and our new class of interns! You'll see below that our faculty continue working hard to promote EVMS Emergency Medicine and EPT scholarly activities locally and nationally. For those physicians new to the group and even those seasoned veterans, consider this an open invitation from the academic department for you to teach at our Grand Rounds (Thursdays- 10a-12p), Simulations sessions (Thursdays- 1p-3p), and Journal Clubs (last Monday of each month- 6:30p-9p). As a number of our faculty are current ABEM Oral Examiners and/or Item Writers who, by policy, cannot participate in these events, we often need help with resident practice Oral Board sessions. If you have questions or other academic interests, please don't hesitate to contact me (knappbj@evms.edu) or our Residency/Fellowship Coordinators Lisa Brennan (brennalm@evms.edu) or Traci Pugh (PughTM@EVMS.EDU).

Message from the PD: Don Byars, MD

Well...this was certainly an interesting recruiting season. I am sure you are all acutely aware of the unprecedented Match results for Emergency Medicine, which resulted in 555 open EM positions on Black Monday. Only two programs in the State of Virginia filled their complement on Match Day. I am proud to report that EVMS was one of the two programs, with the other being UVA. This result was a testament to our residents, program staff, core and community faculty working together as a team. Our residents continue to represent the program well during interview season by having an innovative approach to our resident nights out on zoom. In addition, their commitment to in person campus tour and lunch days cannot be overstated. A full 60% of our Match list came from our in person campus tour participants where our residents got a chance spend some face time with prospective applicants. I am also very proud of our residents, fellows, core, community, and fellowship faculty for having a record number of abstracts accepted at national and international meetings! While our specialty is facing challenges on many fronts, this year's Match is proof positive that if we continue to work together as a team we can overcome any challenge!

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Special Achievements

1. **Francis Counselman, MD** won the **Association of Academic Chairs of Emergency Medicine (AACEM) 2023 Distinguished Service Award** on Jan 24, 2023! This award is the highest recognition given to a Chair who has brought honor and distinction to AACEM by displaying outstanding leadership in the building of a strong society through their significant contributions to the advancement of emergency medicine through leadership, education, research, clinical care, administration, public and professional service, and/or civic duties on behalf of Academic Chairs of Emergency Medicine.
2. Congratulations to **Barry Knapp, MD** who is a newly selected member to serve on the **American Board of Emergency Medicine (ABEM) Board of Directors!** He will take his position on the ABEM Board in July, 2023.
3. Congrats to **TJ Tzavaras MD**, Assistant Professor of Emergency Medicine, who won the **Catherine Augutiady-Becker Rising Star Award** at the VACEP CME Conference, which took place Feb 17-19, in Williamsburg, VA.
4. Congratulations to **Bruce Lo MD** was appointed to the **Governor's TDO Placement Taskforce** on Jan 4, 2023.
5. Another congratulations to **Bruce Lo MD** was also appointed as **Chair of the ACEP Clinical Policy: Thrombolysis in Stroke.**
6. **Grace Gartman, MD** and **Lexie Neubauer, MD** won the **John McDade Research Award** at the VACEP CME Conference, which took place Feb 17-19 in Williamsburg, VA. Congrats Chiefs!
7. Congrats to **Scott McCann MD**, Assistant Professor of EM won the **VA Medical Director of the Year Award** at the VACEP CME Conference, which took place Feb 17-19 in Williamsburg, VA!

Publications

1. **Knapp, BJ, Byars, D, Lang, J**, et al. A difficult trauma intubation without the usual landmarks. *JACEP Open*. 2022; 4:e12874. <https://doi.org/10.1002/emp2.12874>
2. **Bruce Lo, MD** had the following abstracts presented and published at the International Stroke Conference in Dallas, TX on Feb 8, 2023:
 - a. Zachrison KS, Rothenberg C, Adeoye OM, Feeser VR, Ganti L, Goldstein JN, Jauch EC, **Lo B**, Madsen T, Corral M, Decker-Palmer M, Mendez-Hernandez C, Finch M, Goyal P, Venkatesh A. [Variation in performance on stroke care delivery measures among US community emergency departments](#). *Stroke*. 2023;54:AWP38.
 - b. Zachrison KS, Goldstein JN, Jauch EC, Radecki R, Madsen T, Adeoye OM, Oostema JA, Feeser R, Ganti L, **Lo BM**, Meurer WJ, Garvin R, Corral M, Rothenberg C, Mendez-Hernandez C, Finch M, Goyal P, Venkatesh A. [Clinical Performance Measures For Emergency Department Care For Adults With Nontraumatic Intracranial Hemorrhage](#). *Stroke*. 2023;54:AWP49.
3. **Bruce Lo, MD** had the following articles published in the *Annals of Internal Medicine*:

- a. **Lo B.** In basilar-artery occlusion stroke, thrombectomy improved functional outcomes without increasing ICH. *Ann Intern Med.* 2023 Feb;176(2):JC15. PMID: 36745898.
 - b. **Lo B.** In basilar-artery occlusion stroke, thrombectomy improved functional outcome at 90 d but increased ICH. *Ann Intern Med.* 2023 Feb;176(2):JC14. PMID: 36745889.
4. Tondt JM, **Counselman FL, Bono MJ.** Acute Intracranial Subdural Hematoma Masquerading as a Postpartum Headache: A Case Report. *Clin Pract Cases Emerg Med.* 2023 Feb;7(1):39-42. doi: 10.5811/cpcem.2023.1.59331. PMID: 36859326; PMCID: PMC9983347.

Speaking Engagements

1. **Bruce Lo, MD** moderated the session, as well as presented the talk (virtually) "Quality Improvement and High Reliability Organization" for the AAEM ED Operations Certificate Course on Jan 11, 2023.
2. **Barry Knapp, MD** presented "Environmental Pathology" to the EVMS M1 students on Jan 18, 2023.
3. **Bruce Lo, MD** presented the lecture (virtually) "Staffing and Scheduling Models" at the AAEM Emergency Department Operating Course on Feb 8, 2023.
4. The following lectures were presented at this year's VACEP CME Conference in Williamsburg, VA, Feb 17-19:
 - a. **Lucie "Tex" Ford, MD** presented "Difficult Airway Management Nuggets"
 - b. **Jesse Cann, MD** presented "Canadian Syncope Risk Score"
5. **Bruce Lo, MD** presented "Bariatric Surgery Complications in the Emergency Department" for Audio Digest on Feb 22, 2023.
6. **Bruce Lo, MD** presented "The American Academy of Emergency Medicine: Advocating for the Rights of the Specialist in Emergency Medicine and their Patients" and "Best of the Worst QA Cases" at UPMC Harrisburg, Department of Emergency Medicine in Harrisburg, PA on Mar 15, 2023.
7. **Bruce Lo, MD** presented "The American Academy of Emergency Medicine: Advocating for the Rights of the Specialist in Emergency Medicine and their Patients: and "Documentation: The Good, The Bad, and The Ugly", at WellSpan York's Department of Emergency Medicine, in York, PA on Mar 16, 2023.
8. **Kean Feyzeau, MD** presented her lecture "Pericardial Tamponade" to the Navy EM Residents at Portsmouth Naval Medical Center on Mar 23, 2023. The lecture was followed by an ultrasound-guided pericardiocentesis SIM, with the help of EUS Fellow, **Lucie "Tex" Ford, MD** and MS2 Sam Chan. The team was given a challenge coin to show the appreciation of the Navy residents!
9. **Barry Knapp, MD and David Nesbit, MD** gave a lecture and participated in an ultrasound assessment session on March 28th for the "Transition into Practice" course designed for M4 students who matched into Internal Medicine Intern



Scholarly Activities

1. **Barry Knapp, MD** participated in the ABEM Oral Board Case Review/Assessment on Jan 12, 2023.
2. **Barry Knapp, MD** volunteered at the EVMS HOPES Free Clinic on Jan 26, 2023. The HOPES clinic mission is to provide sustainable healthcare services to underserved Hampton Roads residents while promoting a unique learning experience for members of the EVMS community.
3. **Don Byars, MD** and **Barry Knapp, MD** attended the EVMS M3 Specialty Advising Luncheon for students considering emergency medicine as a career on Feb 13, 2023.
4. On Feb 6th and 7th, **Matt Jones, MD**, served as an Instructor for the annual education program for the Nightingale Regional Air Ambulance Service. He presented the lecture "How to Use a Flashlight Tactically" and provided hands-on training, covering topics of airway and trauma ultrasound.
5. **Ashley Fox DO, Joe Lang MD, and Dylan Woolum MD**, attended the National Association of EMS Physicians (NAEMSP) Annual Conference Jan 24 -28 in Tampa, FL.
6. On Feb 15, 2023, **Drs. Lang, Fox, Woolum, Jones and Byars** held the third Annual Tactical Medic Day at the EVMS Simulation Center. Attendees included tactical medics from Virginia Beach SWAT, Norfolk SWAT, VA State Police, Harrisonburg (VA) SWAT and Chesapeake SWAT.
7. On Feb 15, 2023, **Matt Jones, MD** served as an Instructor for the annual education program for the local EMS services. The EVMS EMS Fellowship hosts this program. Dr. Jones presented the lecture "EMS POCUS" and provided hands-on training covering the topics of airway and trauma ultrasound.
8. **Megan Winning MD, Ben Blackwood MD, and Matt Jones MD** served as Instructors for a procedural lab with the Emergency Medicine Interest Group. This program included presentations and hands-on training covering topics of basic airway management and vascular access; Feb 15, 2023.

9. **Matt Jones MD** led a VACEP Special Interest Group Meeting on Ultrasound. During the meeting, **Lucie “Tex” Ford, MD** presented on the topic of LVOT VTI and Fluid Responsiveness. **Gavin Rogers MD** presented on the topic of Advanced Diastology.
10. **Dylan Woolum MD, Don Byars MD, Joe Lang MD, Anya Cipi MD,** and **Michael Hudson MD,** presented the poster “Ultrasound Guided REBOA Deployment During a Simulated Cardiac Arrest in the Field by EMS: A Feasibility Study” at the VACEP conference in Williamsburg, VA on Feb 17-19.
11. Agatha Parks-Savage EdD, RN, Associate Dean and Associate DIO of Graduate Medical Education; Devin Russell, MD, Surgery Resident; and **Kaitlynn Butler, MD,** Emergency Medicine Resident, presented "Mock CLER Walking Rounds: Utilizing Residents as Site Team Members" Feb. 25 at the Annual ACGME Educational Conference in Nashville, TN.
12. **Bruce Lo, MD** taught a segment on “Innovations” in the AAEM ED Operations Course on Mar 8, 2023.
13. **Lucie “Tex” Ford, MD** taught US-guided CVLs to SMG Hospitalist at the SIM Center, on Mar 17, 2023.
14. At Ultracon, the Annual International Meeting of the American Institute for Ultrasound in Medicine (AIUM) March 25-29, our program presented a record number of national presentations, as follows:
 1. **ePoster:** Ultrasound Guided Percutaneous REBOA Versus Emergency Thoracotomy in a Simulated Traumatic Arrest
Don Byars MD, Matt Jones MD, Kean Feyzeau MD, Anja Cipi MD, JD Landon MD, Michael Hudson MD, Jesse Cann MD, Thomas Hogan MD
 2. **ePoster:** Not All Vegetations Represent Infective Endocarditis, But They Are All Bad: A Tale of Three Vegetations
Don Byars MD, Matt Jones MD, Kean Feyzeau MD, JD Landon MD, Gavin Rogers MD, Sara Demian MD
 3. **ePoster:** Point of Care Ultrasound Diagnosis of Thrombus In Transit in Acute Pulmonary Embolism
Don Byars MD, Matt Jones MD, Kean Feyzeau MD, JD Landon MD, Thomas Hogan MD
 4. **Oral Presentation:** How Much Time Does It Take to Run an Emergency Medicine Ultrasound Fellowship? A Multi-year Review
Don Byars MD, Matt Jones MD, Kean Feyzeau MD, JD Landon MD, Gavin Rogers MD
 5. **Oral Presentation:** A Novel Ultrasound Model for Teaching the Erector Spinae Plane Block
Don Byars, Matt Jones MD, Kean Feyzeau MD, JD Landon MD, Jesse Cann MD
 6. **Oral Presentation:** Ultrasound Guided REBOA Deployment During a Simulated Out of Hospital Cardiac Arrest: A Feasibility Study
Don Byars MD, Joe Lang MD, Dylan Woolum MD, Tex Ford MD, Matt Jones MD, Kean Feyzeau MD, JD Landon MD

7. **Oral Presentation:** Infraclavicular Ultrasound Guided Regional Anesthesia to Facilitate Upper Extremity Open Fracture Management in the Emergency Department
Don Byars MD, Mark Noble MD, JD Landon MD, Jesse Cann MD
8. **Oral Presentation:** Point of Care Ultrasound Diagnosis of Cardiac Amyloidosis as the Etiology for Syncope in the Emergency Department
Don Byars MD, Matt Jones MD, Kean Feyzeau MD, JD Landon MD, Amy Albright MD
9. **Oral Presentation:** Point of Care Ultrasound Diagnosis of Twin Ectopic Gestation
Kean Feyzeau MD, Anja Cipi MD, Sandy Deane MD, Michael Hudson MD



EMS Fellowship Update: Joe Lang, MD, EMS Program Director

Over the past few months, we have had an addition to the EMS Fellowship Family: Dylan Woolum became a father in December to baby Ella. Everyone is healthy and well, and Dylan is adjusting to fatherhood, especially the lack of sleep.

On the academic front, Dr. Woolum has had posters presented at the VACEP state conference, and is part of a team with the US fellowship that has had multiple posters accepted at SAEM. We have done data collection for a study regarding D10 vs D50, and looking at the preliminary data from the whole blood field transfusion.

The EMS fellowship along with Matt Jones, MD held an educational day for all the tactical medics in the area at the EVMS Sim Center in February. SWAT medics from VB, Portsmouth, Norfolk, Chesapeake and Harrisonburg came and spent an afternoon in advance technique education.

I would also like to thank **Don Byars, MD** who founded the EMS fellowship. He will be stepping down from the EMS Core faculty as of July 1. Don has worked very hard in starting the fellowship and has obtained ACGME certification for the EMS fellowship. Please join me in thanking Don for all of his efforts.



Upcoming Events

- **Journal Club:** Next JC is May 22, 2023. This will be a joint session with our Peds EM colleagues at Coalescence Coffee. We are having a Lasagna Cook-Off with faculty/residents!

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