

## Faculty Scholarly Activity 2020-2021

- Greenberger SM, Finnell JT, Chang BP, Gary N, Quinn S, Bird S, Diercks DB, Poty CI, Gallahue FL, Moreira ME, Ranney ML, Rives L, Kessler CJ, **Lo B**, Schmitz G. Changes to the ACGME common program requirements and their potential impact on emergency medicine core faculty protected time. **AEM Educ Train** 2020; 4(3); 244-253. PMID 32704594
- **Byars D, Gammons T, Jones M, Feyzeau K, Ghent G, Noble M.** Telescopic peritonsillar abscess drainage: a novel mixed tissue simulation model (abstract). ***Acad Emerg Med*** 2020; 27(S1):S332
- Hatten BW, Cantrill SV, Dubin JS, Ketcham EM, Runde DP, Wall SP, Wolf SJ, **(Lo BM)**. Clinical Policy: critical issues related to opioids in adult patients presenting to the emergency department. ***Ann Emerg Med*** 2020; 76(3):e13-e39. PMID 32828340
- **Byars DV, Klinkhammer MD, Fellin MA.** In situ simulation for ventilator management in emergency medicine. **AEM Educ Train** 2019; 00:1-4.
- **Bono MJ**, Reygaert WC. Urinary tract infection. 2020. In: StatPearls (internet). Treasure Island (FL): StatPeals Publishing. Jan 2020. PMID 29261874
- **Bono MJ**, Wermuth HR, Hipskind JE. Medical malpractice 2020. In: StatPearls (internet). Treasure Island (FL): StatPearls Publishing. Jan 2020. PMID 29261897
- **Counselman FL, Tondt JM, Lustig H.** A case report: the challenging diagnosis of spontaneous cervical epidural hematoma. **Clin Pract Cases Emerg Med** 2020; 4(3): 428-431. PMID 32926704
- Gill S, Kisteneff A, O'Connell K, Sherred-Smith W, Derber C, and **Lo B.** virtually presented their abstract "HIV post exposure prophylaxis and coordination of care: a missed opportunity" at the STD Prevention Conference 2020, sponsored by the CDC on Sept 14, 2020.
- **Barry Knapp MD**, Professor presented "Ultrasound Case-based Learning: Pulmonary Embolism and COVID Lung Disease" to EVMS third & fourth year students on July 7, 2020.
- **Bruce Lo MD**, Professor taught ATLS to EVMS Residents on July 9, 2020. He presented "Shock" and ran a procedure lab "Pediatric Airway and Surgical Airway".
- **Taylor Gammons MD**, EMS Fellow, **Julie Patel MD**, EUS Fellow, and **Don Byars MD**, Associate Professor Director of EMS & EUS Fellowships, taught the Currituck

Department of Fire and EMS “Operational Ultrasound” on July 15, 2020 in support of their deployment of the new portable ultrasound equipment (Butterfly) in Currituck, NC.

- **Barry Knapp MD**, Professor presented “Case-based Ultrasound Series: Aorta Emergencies” to third and fourth year EVMS students on July 21, 2020.
- **Don Byars MD**, Associate Professor presented “Ultrasound Case-based Lecture: Acute Abdominal Pain” to EVMS third year medical students on 7/29/2020.
- **Bruce Lo MD**, Professor presented a webinar on “ICH Scoring and Prognostication” as part of the American College of Emergency Physicians (ACEP) Stroke Webinar series in August 2020.
- **Martin Klinkhammer MD**, Assistant Professor presented “EKG Changes in Cardiac Emergencies” to the Tidewater Emergency Nurses Association on Aug 20, 2020.
- **Bruce Lo MD**, Professor, organized the Virginia ACEP “Virtual Program Director Panel” and served as its Emcee on Aug 26, 2020. **Barry Knapp MD**, Professor and Program Director represented the EVMS EM residency program. The online event was for senior medical students interested in Emergency Medicine.
- **Don Byars MD**, Associate Professor and **Barry Knapp MD**, Professor, served as Editors for the new text *Ma and Mateer’s Emergency Ultrasound*, 4<sup>th</sup> edition, published by McGraw-Hill.
- **Byars DV, Knapp BJ, Feyzeau K**. Second and Third Trimester Pregnancy. In: Ma O, Mateer JR, Rearden RF, **Byars DV, Knapp BJ**, Laudenbach AP, eds. *Ma & Mateer’s Emergency Ultrasound*, 4<sup>th</sup> ed, New York: McGraw Hill; 2021:391-412.
- **Byars DV**, Martel ML, **Noble M**. Ultrasound-Guided Regional Anesthesia. In: Ma O, Mateer JR, Rearden RF, **Byars DV, Knapp BJ**, Laudenbach AP; eds. *Ma & Mateer’s Emergency Ultrasound*, 4<sup>th</sup> ed. New York: McGraw Hill; 2021:583-603
- **Ransford G**, Vipin P, Clingenpeel JM. MRI confirmed Bell’s palsy presenting with multiple cranial nerve involvement. *EM Resident*. Dec 2020/Jan 2021; 47(6):12-13.
- On 10/13/2020, **Barry** presented “The Pathway to Becoming an Emergency Physician” to EVMS medical students.
- **Bruce Lo and several others** presented “HIV Post Exposure Prophylaxis and Coordination of Care: A Missed Opportunity” at the ACEP Research Forum (virtual), Oct 26 thru Oct 29, 2020. The co-authors were:

- Kisteneft A, Gill S, O'Connell K, Sherod-Smith W, Edwards J, **Moracezewski (Salts) L**, and Dexter C.
- **Julie Patel DO**, EUS Fellow, Dwayne Morris MD, and **Don Byars MD**, Associate Professor, taught “Lung Ultrasound for the Respiratory Therapist” on 10/26/2020 at the Sentara Respiratory Care conference at SNGH.
- **Barry Knapp MD**, Professor and **Joe Lang MD**, Assistant Professor, gave a virtual presentation entitled “A Career in Emergency Medicine” to approximately 100 high school students on 10/28/2020 for the EVMS Medical Adventures Club.
- **Bruce Lo MD**, Professor, presented “Pulmonary Hypertension Emergencies” for the 41<sup>st</sup> Annual Current Concepts in Emergency Care in Maui, HI on 12/10/2020.
- Sergot PB, Maza AJ, Derrick BJ, Smith LM, Berti LT, Wilcox MR, Kesinger MR, Peacock WF, Edgar Study Group, (**Knapp BJ, Counselman FL**). *Stroke* 2021 (in print). PMID 33596672
- Smith MD, Fee C, Mace SE, Maughan B, Perkins JC Jr., Kaji A, Wolf SJ, **Lo BM**. Clinical Policy: critical issues in the management of adult patients presenting to the emergency department with community-acquired pneumonia. *Ann Emerg Med* 2021; 77(1):e1-e57. PMID 33349374
- **Bhat L, McCammon C**. The importance of quality assurance and quality improvement in low- and middle-income settings. *Curr Bladder Dysfunction Reports* 2021;1-5 (in press).
- Guth TA, Lubner SD, Marcolini E, **Lo BM**. Physician reentry – a timely topic for emergency medicine. *Am Coll Emerg Physicians Open* 2020; 1(6):1614-1622. PMID 33392570
- **Weingart GS, Jordan P**, Yee KC, Green L. Utility of laboratory markers in evaluating for acute compartment syndrome in the emergency department. *J Am Coll Emerg Physicians Open* 2020 Dec 12; 2(1):e12334. PMID 33521785
- **Lo B**. A multidisciplinary ED-based fall prevention intervention reduced subsequent ED visits in older adults. *Ann Int Med* 2021 Feb; 174(2):JC19. PMID 33524284
- **Lang J**, Postpartum Emergencies. In Wolfson A, et.al, eds. *Harwood Nuss's Clinical Practice of Emergency Medicine*, 7<sup>th</sup> ed. Philadelphia: Wolters Kluwer; 2021:726-731.
- Norvell JG, Baker AM, Carlberg DJ, Diller D, Dzsiedzic JM, Finnell JT, Greenberger S, Kessler C, **Lo BM**, Schiller E, Wlatter LA. Does academic practice protect emergency physicians against burnout? *J Am Coll Emerg Physicians Open* 2020 Dec 11; 2(1):e12329. ecollection 2021 Feb. PMID 33521781

- Cohen S, **Ford L**, Situ-LaCasse E, Tolby N. Infective endocarditis causing acute myocardial infarction. **Cureus** 2020. <https://pubmed.ncbi.nlm.nih.gov/33269169/>
- **Martin Klinkhammer MD**, Associate Professor, presented “EBM for the Emergency Physician” virtually to the EM Interest Group (approximately 30 students) on Jan 27, 2021.
- **Don Byars MD**, **Julie Patel DO**, EUS Fellow, and **Barry Knapp MD**, taught “RUSH and Vascular Access Ultrasound” to the Maryview Medical Center ICU Physician Assistant staff on Jan 27, 2021.
- **Don Byars MD**, Associate Professor, and **Taylor Gammons MD**, EMS Fellow, taught the Sentara Nightengale Air Ambulance team the “FAST Exam” for Helicopter EMS on Feb 9 & Feb 12, 2021.
- Several faculty members and residents participated in the VA ACEP Annual Conference (virtual), from Feb 21 and Feb 22, 2021:
  - **Anya Cipi MD**, Assistant Professor presented “Pericardial Effusion: Pearls and Pitfalls”
  - **Gavin Rogers MD**, EM-2, presented “Lung Ultrasound in COVID19”
  - **Barry Knapp MD**, Professor, participated in the Emergency Medicine Residency Program Director Panel for medical students interested in EM.
  - **Doug Browder MD**, Assistant Professor, received the VA ACEP 2021 Medical Director of the Year Award at the conference
  - **Bruce Lo MD**, Professor, served as Co-chair for the conference
  - Our EVMS EM team, consisting of **Julie Tondt MD**, Chief Resident, **Lauren Gallion MD**, EM-3, and **Glen Hookey MD**, EM-3 competed against teams representing VCU, UVA, Carilion, and Portsmouth Naval Hospital in the Annual VA ACEP EM Residency Jeopardy Competition. EVMS came in second place (lost by one point).
- **Bruce Lo MD**, Professor, served as faculty for the American Academy of Emergency Medicine (AAEM) ED Management Solutions: Principles & Practice meeting held virtually Jan 12 through Jan 14, 2021:
  - Lecture: “Managing Your ED in a COVID World”, 1/12/2021
  - Moderator: “Throughput Case Study”, 1/13/2021
  - Moderator: “Change Management Study”, 1/14/2021
- **Eric Deutsch MD**, Assistant Professor, presented “Tick Borne Illness” virtually for the Southeastern Student Wilderness Medical Conference on March 20, 2021.

- **Francis Counselman MD**, Professor, presented “Oncologic Emergencies” and “You Smoked What? Emerging Drugs of Abuse” at the 15<sup>th</sup> Annual Primary Care Spring Conference in Palm Coast, Florida on March 30, 2021.
- **David Nesbitt MD**, Assistant Professor, presented (virtually) a two hour lecture on “Orthopedic Emergencies” to the EVMS PA students on 3/29/2021.
  - Isturiz R, Grant L, Gray S, Alexander-Parrish R, Jiang Q, Jodar L, Peyrani P, Ford KD, Pride MW, Self WH, **Counselman FL**, et. al. Expanded analysis of 20 pneumococcal serotypes associated with radiographically confirmed community-acquired pneumonia in hospitalized US adults. *Clin Infect Dis* 2021. PMID 33982098.
  - The following abstracts were presented at the American Institute of Ultrasound in Medicine (AIUM) 2021 Annual Integrative US Meeting (virtual), April 11 through April 14, 2021:
    - a. **Byars D, Feyzeau K, Jones M, Knapp B**, Goodmurphy CW. A Tale of Two B-Lines: On the same day, two patients, both with sonographic B-Lines, but only one of them had COVID19.  
Recorded Presentation with Live Q &A
    - b. **Byars D, Knapp B**, Supples M, Kirkov R. Diagnosis of Stanford Type A Aortic Dissection Using of Point-of-Care Ultrasound in the Medical Education Setting.  
Accepted: ePoster
    - c. **Byars D, Feyzeau K, Jones M**. Emergency Physician Measurement of Carotid Intima-Media Thickness in Emergency Department Patients Presenting with Chest Pain Revisited.  
Accepted: ePoster
    - d. **Byars D, Knapp B**, Goodmurphy CW, Carrie E, Trace A, Lazarow F, **Jones M, Feyzeau K**, Shaves S. Evaluation of a Point-of-Care Ultrasound Curriculum and Ocular Phantom in Residency Training.  
Accepted: ePoster
    - e. **Byars D, Ransford G, Noble M, Feyzeau K, Jones M**. Saphenous and Sciatic Nerve Block to Treat Acute Lower Limb Ischemic Pain in the Emergency Department.  
Accepted: ePoster
    - f. **Byars D, Gammons T, Feyzeau K, Jones M**. Telescopic Peritonsillar Abscess Drainage: A Novel Mixed Tissue Simulation Model.  
Accepted: ePoster

- g. **Byars D, Landon JD, Jones M, Feyzeau K.** The Lung Pulse Artifact: A Study of Reliability and External Validation.  
Accepted: ePoster
- h. **Byars D, Gallion L, Jones M, Feyzeau K,** Palachick B. Ultrasound Guided Erector Spinae Plane Block for Multiple Rib Fracture Patients: A Pilot  
Accepted: ePoster
- Lazarew F, **Deal AK,** Shaves SC, **Knapp B, Byars D,** Goodmurphy CW, Trace AP, Nunez D, Elzie CA. Evolution of a point-of-care ultrasound curriculum and ocular phantom in residency training. *J Ultrasound* 2021. <https://doi.org/10.1007/s40477-021-00578-8>. PMID 33797736.
  - **Bruce Lo MD,** Professor, presented “Neurological Emergencies: The ED Approach” to the EVMS PA students on April 5, 2021.
  - **Francis L. Counselman MD,** Professor, presented “Pulmonary Emergencies” (2h) virtually to the EVMS PA students on April 8, 2021.
  - **Mike Bono MD,** Professor, presented “My Malpractice Case” virtually to senior EVMS medical students as part of the EVMS Residency TIPS course on April 12, 2021.
  - **Matt Jones MD,** Assistant Professor, **Barry Knapp MD,** Professor, and **Don Byars MD,** Associate Professor, taught the Maternal Fetal Medicine (MFM) Fellows how to perform the Rapid Ultrasound for Shock and Hypotension (RUSH) exam for high-risk OB patients on April 13, 2021.
  - **Matt Jones MD,** Assistant Professor, **Julie Patel DO,** EUS Fellow, **Don Byars MD,** Associate Professor, **Leslie Rea MD,** EM-2, and **Jesse Cann MD,** EM-1 taught the RUSH exam to the flight crews of the Sentara Nightengale Air Ambulance on April 19, 2021.
  - **Francis L. Counselman MD,** Professor, presented “Hepatitis – Clinical Manifestations” virtually to M-1 EVMS students on April 21, 2021.
  - **Bruce Lo MD,** Professor, served as a panelist on the Virginia College of Emergency Physicians (VA ACEP) virtual webinar entitled, “2021 ACEP Workforce Report” on May 4, 2021.
  - **Bruce Lo MD,** Professor, served as Moderator for the ACEP webinar from the ACEP Medical Directors section entitled “Telehealth, COVID-19, and the Workforce: From Crisis to Opportunity” on May 13, 2021.

- **Barry Knapp MD**, Professor and Program Director, and **Tex Ford MD**, EM-3, presented “What COVID taught us...a GME Perspective” at the Cross Institutional Learning Conference. This was a virtual presentation to the following medical schools: NY Presbyterian; SUNY-Downstate Medical Center; Canyon Vista Medical Center (AZ) and EVMS on June 2, 2021.
- **Bruce Lo MD**, Professor, served as faculty for the virtual 2021 International Conference on Emergency Medicine, on June 8, and 9, 2021. He presented:
  - a) Q & A Panel on ED Leadership – 6/8/21
  - b) Building a Q/A Program – 6/8/21
  - c) Building Your Team to Lead in Emergency Medicine – 6/8/21
  - d) Physician in Triage: Impact on ED Flow – 6/9/21
- **Bruce Lo MD**, Professor, served as faculty for the 27<sup>th</sup> Annual Scientific Assembly, sponsored by the American Academy of Emergency Medicine (AAEM) in St. Louis, MO, June 21-24, 2021. Bruce served as Moderator for five sessions on June 21 and June 22, 2021. He presented “Stroke Updates for Acute Intervention” on June 22, 2021 and “Droperidol: Welcome Back Old Friend” on June 23, 2021.