

Emergency Medicine Residency Program Scholarly Activity

2021 Peer-Reviewed Publications

1. LoVecchio F, Schranz J, Alexander E, Mariano D, Meads A, Sandrock C, Moran GJ, **Giordano PA**. Oral 5-day Lefamulin for Outpatient Management of Community-acquired Bacterial Pneumonia: Post-Hoc Analysis of the Lefamulin Evaluation Against Pneumonia (LEAP) 2 trial. *J Emerg Med* 2021;60(6):781-792
PMID: 33731270

2. **Maquire L, Bullard T, Papa L**. Ketamine for Acute Suicidality in the Emergency Department: A Systematic Review. *Am J Emerg Med* 2021;43:54-58 (E-Pub February 2, 2021)
PMID 33524683

3. Rothrock SG, **Cassidy DD, Barneck M**, Guetschow B, Nguyen L. Mortality Benefit Inconclusive, Based on This Review. Letter to the Editor. *CHEST* 2021;159:1676-1677.
doi: <https://doi.org/10.1016/j.chest.2020.08.2137>

4. Chen Y, Herrold AA, Martinovich Z, Bari S, Vike NL, Blood AJ, Walter AE, Harezlak J, Seidenberg PH, Bhomia M, Knollmann-Ritschel B, Stetsiv K, Reilly JL, Nauman AE, Talavage TM, **Papa L**, Slobounov S, Breiter HC. Brain Perfusion Mediates the Relationship Between miRNA Levels and Postural Control. *Cerebral Cortex Communications* 2020; 1; 1-16. DOI: 10.1093/texcom/tgaa078

5. Johnson B, Walter AE, Wilkes JR, **Papa L**, Slobounov SM. Changes in White Matter Tracts of the Spinal Cord After a Single Season of Collegiate Football. *Neurotrauma Reports* 2021; Volume 2.1 (E-Pub February 18, 2021) DOI: 10.1089/neur.2020.0035

6. Souers A, **Zuver C, Rodriguez A, Van Dillen C, Hunter C, Papa L**. Bystander CPR Occurrences in Out of Hospital Cardiac Arrest Between Sexes. 2021 *Resuscitation* Jul 5; 166:1-6. **PMID 34237358**

7. **Barneck M, Papa L**, Cozart Z, Lentine K, **Ladde J, Nguyen L**, Mayfield J, **Thundiyl J**. The Utility of Transcutaneous Carbon Dioxide Measurements in the Emergency Department: A Prospective Cohort Study. *J Am Coll Emerg Physicians Open* 2021 Jul 17;2(4):e12513. doi: 10.1002/emp2.12513. eCollection 2021 Aug. **PMID 34296208**

2021 Book Chapters

1. Bullaro F, Bruno S, **Baker S**, Burger B, Wickman D, Madhok M. Simulation Case 10: Non-Accidental Trauma. In: Burns RA, ed. Emergency Medicine Resident Simulation Curriculum for Pediatrics (EM ReSCu Peds). Academic Life in Emergency Medicine; 2021:320-356. ISBN 978-0-9992825-8-8 January 2021
2. **Clark MC**. Evaluation of a Child with a Limp. www.UpToDate.com April 2021

2021 Regional, National or International Invited Lectures

1. **Leech S, Davison J**. Critical Care Medicine: Ultrasound Didactics. January 5, 2021
2. **Leech S**. Internal Medicine: Ultrasound Didactics, January 7, 2021
3. **Leech S**. General Surgery US Trauma Conference. January 8, 2021
4. **Leech S, Davison J**. General Surgery US Trauma Conference. January 15, 2021
5. **Salinero E**. Invited Professorship: 1 Hour CME Lecture Presentation: Pediatric Foreign Bodies Ingested and Aspirated. Family Medicine Residency Program, Florida International University, West Kendall Baptist Hospital. January 28, 2021
6. **Leech S**. CCM Ultrasound Didactics. February 2, 2021
7. **Leech S**. IM Ultrasound Didactics. February 11, 2021
8. **Leech S, Davison J**. General Surgery Ultrasound Didactics. February 12, 2021
9. **Mueller P**. Methamphetamines. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. February 12, 2021
10. **Leech S**. General Surgery Ultrasound Didactics. February 19, 2021
11. **Weber K**. Informed Consent Cases for Physician Researchers. FSU COM. Orlando, FL. February 22, 2021
12. **Leech S, Davison J**. Critical Care Medicine: Ultrasound Didactics. March 2, 2021

13. **Davison J.** Pediatric Intensive Care Ultrasound Conference. March 4, 2021
14. **Ladde J, Tann C.** Body Packing. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. March 10, 2021
15. **Leech S.** Internal Medicine: Ultrasound Didactics. March 11, 2021
16. **Leech S.** General Surgery US Didactics. March 12 & 19, 2021
17. **Briscoe J.** Learnings from the ER: Building Sustainable Virtual Health with Artificial Intelligence. A Microsoft Digital Event. March 23, 2021
18. **Papa L.** Traumatic Brain Injury Biomarker Discovery, from Bench to Clinical Reality. 5th Annual Dr. Radha Maheshwari Memorial Lecture Series. Uniformed Services University of Health Sciences. Virtual presentation. March 18, 2021
19. **Leech S, Davison J.** Critical Care Medicine: Ultrasound Didactics. April 6, 2021
20. **Leech S.** Internal Medicine: Ultrasound Didactics, April 8, 2021
21. **Leech S, Davison J.** General Surgery US Trauma Conference. April 9, 2021
22. **Davison J.** System-Wide Clinical Ultrasound Meeting. April 9, 2021
23. **Leech S.** General Surgery US Trauma Conference. April 16, 2021
24. **Leech S.** Critical Care Medicine: Ultrasound Didactics. May 3, 2021
25. **Davison J.** Internal Medicine Gallbladder and Renal Ultrasound Didactics. May 13, 2021
26. **Davison J.** Trauma Surgery Ultrasound Conference. May 14, 2021
27. **Leech S.** General Surgery Ultrasound Didactics. May 14 & 21, 2021
28. **Leech S, Davison J.** Critical Care Medicine: Ultrasound Didactics Potpourri. June 1, 2021
29. **Leech S, Davison J.** Trauma Surgery US Conference. June 11, 2021

30. **Briscoe J.** How to Improve the Delivery of Virtual Health for Better Patient Care and Reduce Readmissions. Epic users Health Webinar. June 15, 2021
31. **Leech S.** Trauma Surgery US Conference. June 18, 2021
32. **Leech S, Davison J.** Critical Care Medicine: Ultrasound Introductory Course. July 8, 2021
33. **Leech S, Davison J.** Critical Care Medicine: Ultrasound Cases Potpourri. July 8, 2021
34. **Leech S, Davison J.** General Surgery Ultrasound Conference. July 9, 2021
35. **Leech S.** General Surgery Ultrasound Conference. July 16, 2021
36. **Ladde J.** (1) Pelvis Trauma: Making the Unstable Stable; (2) MRSA: Modern Day Approach to Skin and Soft Tissue Infections; (3) Body Packing 2021 (with Chris Tann, MD). Invited Grand Rounds Speaker at FAU Emergency Medicine Residency Program. July 27, 2021

**2021 Regional, National or International Invited Research Abstracts /
Oral Presentations**

1. **James C.** Unicorns Do Exist: A Case of Encephalopathy, Respiratory Failure and Metabolic Decompensation. Research Snapshot Presentation at the SCCM 50th Annual Critical Care Congress. Virtual Event January 31 - February 12, 2021
2. **Barneck M, Premuroso C, Davison J, Leech SJ.** Pre- and Post-Procedure Optic Nerve Sheath Diameter in Idiopathic Intracranial Hypertension: A Case Report. Moderated poster at Annual Integrative Ultrasound Meeting (Virtual). April 11 – 14, 2021
3. **Barneck M, Premuroso C, Davison J, Leech SJ.** Point-of-care Ultrasound Use in the Emergency Department Does Not Decrease Resident Productivity. Moderated poster at Annual Integrative Ultrasound Meeting (Virtual). April 11 – 14, 2021
4. **Premuroso C, Barneck M, Leech SJ, Davison J.** Unshadowing an Unsuspected Limb-Threatening Diagnosis on Point-of-Care Ultrasound: A Case Report. Moderated poster at Annual Integrative Ultrasound Meeting (Virtual). April 11 – 14, 2021

5. **Premuroso C, Barneck M, Waite W, Davison J, Leech SJ.** Diagnostic Accuracy Of Point-Of-Care Cardiac Ultrasound In Identification Of Pericardial Effusions. Moderated poster at Annual Integrative Ultrasound Meeting (Virtual). April 11 – 14, 2021
6. **Shaughnessy A, Heine E, Baker S.** Leading in a Virtual Age 460 - Simulation Education at a Distance: An Adaptive Curriculum During a Pandemic. CORD 2021 Academic Assembly (Virtual). April 11, 2021
7. **Black G, Tymkowicz A, DiCesare C, Davison J.** Educational Model for Corneal Foreign Body Removal in Emergency Medicine Residency. Moderated poster at CORD 2021 Academic Assembly (Virtual). April 12, 2021
8. **Shaughnessy A, Heine E, Baker S.** Procedural Learning at Home: Creating Effective Hands on Opportunities Utilizing Video Conferencing. CORD 2021 Academic Assembly (Virtual). April 13, 2021
9. **Miller S, Weatherford T.** Navigating Gender Bias in Emergency Medicine: Empowering Young Female Faculty. CORD 2021 Academic Assembly (Virtual). April 13, 2021
10. **Shaughnessy A, Heine E, Baker S.** Simulation Education at a Distance: An Adaptive Curriculum During a Pandemic. CORD 2021 Academic Assembly (Virtual). April 14, 2021
11. **Weatherford T.** Feedback 330: Keepin In Real - Colorful Cards: Setting Goals, Teaching and Providing Feedback on Shift. CORD 2021 Academic Assembly (Virtual). April 14, 2021
12. **Miller S, Ladde J, Thundiyil J, Papa L.** Association Between Red Blood Cell Transfusions, Mortality and Abbreviated Injury Scale in Patients with Trauma. Poster presentation at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S336-337; May 2021
doi.org/10.1111/acem.14249
PMID: 33945187
13. **Papa L,** Welch RD, Lewis LM, Ameli NJ, Lopez MA, Tan CN, Haeussler CA, Mendez Giordano D, **Weber K, Giordano PA.** Prospective Evaluation of Clinical Decision Rules and Blood-based Biomarkers for Mild Traumatic Brain Injury.

Poster presentation at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S49; May 2021. doi.org/10.1111/acem.14249
PMID: 33945187

14. **Briscoe J, Roa J, Mullins K, Papa L.** Using telephone communication in the ED to improve the patient experience: The Outreach Pilot Study. Lightning Oral at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S125; May 2021. doi.org/10.1111/acem.14249
PMID: 33945187
15. **Shaughnessy A, Baker S, Nguyen L, Campbell T, Papa L, Weber K.** Do Covid-19 Intubation Barriers Increase Fire Risk? Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S330; May 2021. doi.org/10.1111/acem.14249
PMID: 33945187
16. **Weatherford T, Thundiyil J.** Use of Lactate as a Predictor of Pediatric Submersion Injury Severity. Poster presentation at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S65; May 2021 doi.org/10.1111/acem.14249
PMID: 33945187
17. **Gonzalez D, Ruffin T, Cramm J, Carr B, Papa L,** Plumley D, **Ramirez J.** The Effects of a Global Pandemic on Pediatric Trauma Seen in an Urban Tertiary Care Pediatric Emergency Department and Level 1 Trauma Center. Poster presentation at Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S128; May 2021 doi.org/10.1111/acem.14249
PMID: 33945187
18. **Cristoforo T, Gonzalez D, Bender M, Uy G, Papa L,** Ben Khallouq B, **Clark M, Carr B, Cramm J.** A Pilot Study to Test the Feasibility and Acceptability of Intranasal Ketamine for the Treatment of Procedural Anxiety in Children Undergoing Laceration Repair. Poster presentation at Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021
Acad Emerg Med; 28 (Suppl.1): S130; May 2021.
doi.org/10.1111/acem.14249
PMID: 33945187

19. **Kelly M, Premuroso C, Bjerke J.** Not Your Everyday Puncture Wound. Poster presentation at AAEM 27th Annual Scientific Assembly. St. Louis, MO. June 20 – 24, 2021
20. **Kelly M, Bjerke J, Premuroso C.** The Great Masquerader is Back!" Poster presentation at AAEM 27th Annual Scientific Assembly. St. Louis, MO. June 20 – 24, 2021
21. **Butera R, Weber K, Davison J, Giordano P.** A Hardened Heart. Poster presentation at AAEM 27th Annual Scientific Assembly. St. Louis, MO. June 20 – 24, 2021

2021 Review Articles

1. **Barneck M.** Disruptive Innovation in Emergency Medicine 2.0. *EM Pulse*. Florida College of Emergency Physicians. Spring 2021
2. **Hingst B, Black G.** Residency Matters. *EM Pulse*. Florida College of Emergency Physicians. Spring 2021

2020 Peer-Reviewed Publications

1. **Eaton PL,** Mullen P, **Papa L,** Chen J, **Cramm K,** Buning B, **Ramirez J,** Vazifedan T, Zinns L. Evaluation of an Online Educational Tool to Improve Post-Resuscitation Debriefing in the Emergency Department. *Pediatric Emergency Care Journal* Feb 2020 [E-Pub ahead of print] **PMID 32011557**
2. Anderson T, Hwang J, McKnight B, Munar M, **Papa L,** Hinson HE, Vaughan A, Rowell S. Blood-Based Biomarkers for Prediction Of Intracranial Hemorrhage and Outcome in Patients With Moderate or Severe Traumatic Brain Injury. *Journal of Trauma and Acute Care Surgery* 2020. (E-Pub April 7, 2020) **PMID: 32251265**
3. **Hunter C, Putman M,** Foster J, **Souers A, Rodriguez A, Zuver C, Papa L.** Utilizing End-Tidal Carbon Dioxide to Diagnose Diabetic Ketoacidosis in Prehospital Patients with Hyperglycemia. *Prehosp Disaster Med* 2020. (E-Pub April 15, 2020) **PMID: 32290886**
4. Ptito A, **Papa L,** Gregory K, Folmer RL, Walker WC, Prabhakaran V, Wardini R, Skinner K, Yochelson M. Prospective, Multicenter, Double-blind, Randomized Study to Assess the Safety and Efficacy of Translingual Neurostimulation for the

Treatment of Chronic Balance Deficit Due to Mild-to-Moderate Traumatic Brain Injury. *Neuromodulation: Technology at the Neural Interface*. April 2020 (E-Pub April 30, 2020)
DOI: 10.1111/ner.13159 **PMID: 32347591**

5. Liu J, **Ladde J**. Splenic Laceration Post Colonoscopy: A Rare Complication. *Journal of Emergency Medicine*. 26 June 2020.
<https://doi.org/10.1016/j.jemermed.2020.05.016>
6. **Miller S, Falk JL**. Out of Hospital Cardiac Arrest: There's an APP for That. *Resuscitation* 2020 July;152:199-200. **PMID 31991150**
7. Rothrock SG, **Cassidy DD**, Guetschow B, Bienvenu D, **Heine E, Briscoe JG, Toselli N**, Russin M, Young D, **Premuroso C, Bailey D, ORMC Sepsis Study Group**. Predicting Outcome of Patients with Severe Urinary Tract Infections Admitted via the Emergency Department. *JACEP Open* 2020;1:502-511 **PMID: 3300077**
8. Lewis L, **Papa L**, Bazarian B., Weber, A. Howard R., Welch R. Can Biomarkers Predict Neurologic Deterioration Following Mild Traumatic Brain Injury? *Journal of Neurotrauma* Dec 2020;37(24):2624-2631. (E-Pub August 22, 2020) **PMID: 32821007**
9. **Ladde J, Baker S**, Lilburn N, Wan M, **Papa L**. A Randomized Controlled Trial of Novel Loop Drainage Technique versus Standard Incision and Drainage in the Treatment of Skin Abscesses. *Acad Emerg Med* Dec 2020(12):1229-1240. (E-Pub August 8, 2020) **PMID: 32770686**
10. Rothrock SG, **Cassidy DD, Barneck M**, Schinkel M, Guetschow B, **Myburgh C, Nguyen L**, Earwood R, Nanayakkara PWB, Panday SN, **Briscoe JG**. Outcome of Immediate Versus Early Antibiotics in Severe Sepsis and Septic Shock: A Systematic Review and Meta-analysis. *Ann Emerg Med* 2020 Oct;76(4):427-441. **PMID: 32593430**
11. **Dudek C**, Little I, **Wiser K**, Ibrahim J, **Ramirez J, Papa L**. Thromboelastography Use in the Acute Young Trauma Patient: Early Experience of Two Level One Trauma Centers. *Injury* Feb 2021;52(2):200-204 (E-Pub October 6, 2020) **PMID 33012548**
12. Nicholas M. Mohr, Karisa K. Harland, Anusha Krishnadasan, Patrick Ten Eyck, William R. Mower, James Willey, Makini Chisolm-Straker, Stephen C. Lim, L. Clifford McDonald, Preeta K. Kutty, Elisabeth Hesse, Scott Santibanez, David A. Talan, Project COVERED Emergency Department Network *Ann Emerg Med*. 2020

Dec 17 doi: 10.1016/j.annemergmed.2020.12.007 [Epub ahead of print] **PMCID:
PMC7746085**
Drs. Giordano and Weber are named contributors for the article

2020 Book Chapters

1. **Clark MC.** Overview of the Causes of Limp in Children. www.uptodate.com April 2020
2. **Baker SY**, Tarkowski AF, **Falk JL.** Shock Overview. In: Shiber Joseph R, Editor, Weingart Scott D, Consulting Editor. Emergency Department Critical Care. Springer Nature 2020. Pages 1-20. doi: 10.1007/978-3-030-28794-8
3. **Clark MC.** Overview of Cause of the Limping Child. www.UpToDate.com October 2020
4. Krauss B, **Falk JL, Ladde J.** End Tidal Carbon Dioxide. UpToDate. November 2020

2020 Regional, National or International Invited Lectures

1. Anderson T, Hwang J, McKnight B, Munar M, **Papa L**, Hinson HE, Vaughan A, Rowell S. Blood-Based Biomarkers For Prediction Of Intracranial Hemorrhage And Outcome In Patients With Moderate Or Severe Traumatic Brain Injury. Presented at the 33rd EAST Annual Scientific Assembly. Orlando, FL. January 14-18, 2020
2. **Davison J.** MedPact Ultrasound Workshop. UCF College of Medicine Global Health Conference. January 18, 2020
3. **Carr B.** Clinical Problem Solvers. UCF College of Medicine. January 21, 2020
4. **Carr B.** Migraines in Children. Arnold Palmer Hospital for Children Pediatric Grand Rounds. February 11, 2020
5. **Thundiyl J**, Bridges J. Buprenorphine and the Controversies of MAT in the Opioid Epidemic. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. February 24, 2020

6. **Ladde J, Roa J.** Hemorrhage Control in Austere Environments and Hands-on Training in Tactical Medicine and Safety. Tactical Medicine and Preparedness Course. Orlando Police Department SWAT. Orlando, FL. February 26, 2020
7. **Giordano P.** Decreasing Length of Stay in Skin and Skin Structure Infections. NJ ACEP Board of Directors Meeting. Pennsauken, NJ. March 3, 2020
8. **Thundiyl JG.** Novel Synthetic Drugs & Buprenorphine. South Seminole Hospital Grand Rounds. Longwood, FL. March 4, 2020
9. **Ladde J, Miller S.** When the Student Becomes the Master. Council of Emergency Medicine Residency Directors (CORD). New York, NY. March 8, 2020
10. **Heine E, Shaughnessy A.** The Art of Debriefing Medical Students: Adapting Simulation Techniques to the Clinical Teach Shift. Council of Emergency Medicine Residency Directors (CORD). New York, NY. March 10, 2020
11. **Chapman C.** Clerkship Coordinator Workshop: How to Give a Comprehensive Orientation to Med Students. Council of Emergency Medicine Residency Directors (CORD). New York, NY. March 10, 2020
12. **Melendez S.** Drugs of Abuse: Inhalants. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. March 12, 2020
13. **Salinero E.** Essential Infant Skin Findings. Florida International University Herbert Wertheim College of Medicine Family Medicine Residency Academic Day. Miami, FL. May 7, 2020
14. **Ladde J.** Anabolic Steroids. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. May 28, 2020
15. **Briscoe J.** The New Era of AI Driven Care Team Collaboration: Enhancing Microsoft Teams for Real-time Interoperability & Communication in Today's Healthcare Climate. Webinar. June 18, 2020
16. **Mueller P.** FSU Medical Student Skills Teaching. Florida State University COM Orlando Regional Campus. June 3, 2020
17. **Clark M.** "APH ED WAY" How Do We Do It? Orlando Health Corporate Pediatric Readiness Committee. Arnold Palmer Hospital. June 10, 2020

18. **Briscoe J.** The New Era of AI Driven Care Team Collaboration: Enhancing Microsoft Teams for Real-time Interoperability & Communication in Today's Healthcare Climate. Webinar. June 18, 2020
19. **Clark M.** Approach to the child with Altered Sensorium. CLINCON 2020 (Virtual). July 30, 2020
20. **Melendez S.** Recognizing and Managing Hemophilia in the Emergency Department in an Era of Expanding Therapeutic Options: A Progress-in-Practice Master Class and Practicum. Arizona College of Emergency Physicians (via Zoom). August 6, 2020
21. **Leech S.** Introduction to Point-of-Care Ultrasound. Grand Rounds Internal Medicine Residency Program. August 7, 2020
22. **Ladde J.** Emergency Medicine. Invited lecture sponsored by UCF EMIG. University of Central Florida College of Medicine. August 18, 2020
23. **Melendez S.** Recognizing and Managing Hemophilia in the Emergency Department in an Era of Expanding Therapeutic Options: A Progress-in-Practice Master Class and Practicum. Florida College of Emergency Physicians (via Zoom). August 19, 2020
24. **Davison J.** I'd TAPSE That: Why Using Bedside Ultrasound to Evaluate Right Heart Strain in PE Matters. Presentation accepted at 2020 Society for Academic Emergency Medicine Annual Meeting. (Virtual Conference due to COVID). <https://www.youtube.com/watch?v=6otWJaA8m6k>
25. **Barneck M.** Intubation Guidelines in Critically Ill Patients. Florida College of Emergency Physicians Annual Symposium by the Sea. August 25, 2020
26. **Heine E, Glueck J.** Trivia Night: EM Style. Florida College of Emergency Physicians Annual Symposium by the Sea. August 25, 2020
27. **Hingst B, Ramirez E.** CPC Competition. Florida College of Emergency Physicians Annual Symposium by the Sea. August 26, 2020
28. **Akujuobi I,** et al. Anti-Racism Allyship and Dialogue: Moving on from "What Can I Do?" Florida College of Emergency Physicians Annual Symposium by the Sea. August 27, 2020

29. **Clark M.** PEM Visual Diagnosis. Florida College of Emergency Physicians Annual Symposium by the Sea. August 27, 2020
30. **Ambrosio P.** Pediatric Status Epilepticus Simulation. Florida College of Emergency Physicians Annual Symposium by the Sea. August 27, 2020
31. **Barneck M.** So I Have a Great Innovation Idea, Now What? Florida College of Emergency Physicians Annual Symposium by the Sea. August 28, 2020
32. **Ladde J.** Metrics and Morale: How to Balance the Hospital's Demand for Metrics with the Residents Need for Wellness. Florida College of Emergency Physicians Annual Symposium by the Sea. August 28, 2020
33. **Ladde J.** Blunt Head Trauma: An Evidence-based Perspective. Grand Rounds Trauma Disciplinary Conference. August 27, 2020
34. **Giordano P.** Effective Treatment Strategies to Reduce Hospitalization in Patients with Cellulitis. Hot Topics in Emergency Medicine Virtual Conference. October 8, 2020
35. **Briscoe JG.** Orlando Health's Journey to Transform Provider Experience by Changing the Way Their Care Teams Collaborate. Epic App Orchard Virtual Conference October 20 – 22, 2020
36. **Davison J.** Echocardiography Cases. Critical Care Medicine Grand Rounds. October 6, 2020
37. **Davison J.** Pulmonary Cases. Internal Medicine Grand Rounds. October 8, 2020
38. **Melendez S.** Pediatric Toxicology: Just One Pill Can Kill. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. October 28, 2020
39. **Leech SJ, Davison J.** Ultrasound. Critical Care Medicine Grand Rounds. November 10, 2020
40. **Leech SJ.** Ultrasound. Internal Medicine Grand Rounds. November 12, 2020
41. **Leech SJ, Davison J.** Basics of FAST; lecture and hands on. Trauma Surgery Grand Rounds. November 13, 2020

42. **Giordano P.** Essential Knowledge for the Physician Researcher. FSU COM 1st and 2nd Year Medical Students. Orlando, FL November 4, 2020
43. **Briscoe J.** Existing Challenges in the HealthCare Industry: Case Studies (Pressure to Improve Outcomes, Value Based Care, Lack of Patient Engagement, Poor Care Coordination, Tailoring Treatment Decisions). Ontario HIMMS – Health IT Conference. International Presentation. November 4 – 5, 2020
44. **Ambrosio P.** Medical Emergencies. for APLS Regional Course presented at Nemours Children’s Hospital. Orlando, FL. November 10, 2020
45. **Salinero E.** Podium Presenter / Faculty. Non-traumatic Pediatric Surgical Emergencies” for APLS Regional Course presented at Nemours Children’s Hospital. Orlando, FL. November 11, 2020
46. **Weatherford T.** Hit that Dab: High Potency THC and CBD. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. November 20, 2020
47. **Ladde J.** National Podcast from Academic EM. Invited Lecture: Skeptics Guide to EM: LOOP Drainage for Skin Abscesses. November 30, 2020
48. **Davison J.** Ultrasound. Critical Care Medicine Grand Rounds. December 1, 2020
49. **O’Brien JF.** Sedative-Hypnotic Medications: Promises and Perils. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. December 3, 2020
50. **Leech SJ, Davison J.** IM Ultrasound Didactics. December 10, 2020
51. **Leech SJ.** General Surgery Ultrasound Didactics, December 11, 2020
52. **Thundiyil J.** Opioids. Bayfront Health St. Petersburg – Orlando Health. December 17, 2020

**2020 Regional, National or International Invited Research Abstracts /
Oral Presentations**

1. Rothrock SG, **Cassidy DD, Barneck M,** Schinkel M, **Guetschow B, Myburgh C,** Nguyen L, Earwood R, Nanayakkara PWB, Nanan Panday RS, **Briscoe JG.** Outcome of Immediate vs. Early Antibiotics in Severe Sepsis and Septic Shock: A

Meta-Analysis. ePoster at SAEM Southeastern Regional Meeting. Greenville, SC. February 21 – 22, 2020

2. Rothrock RG, **Cassidy DD, Guetschow B**, Bienvenu D, **Heine E, Briscoe J**, Toselli N, Russin M, Young D, Premuroso C, Bailey D, BOMBARD2 Study Group: Pearson K, Gulenay G, Schattschneider M, Owens V, Myburgh C, Bergeron B, Cola T, DiCesare D. Prediction of Urinary Tract Infection-Related Sepsis and Mortality in Patients Admitted via the ED. ePoster at SAEM Southeastern Regional Meeting. Greenville, SC. February 21 – 22, 2020
3. **Thundiyl J, Koplun J, Barneck M**. A Case Series of ED Admitted Patients Requiring Transfer to the ICU Within 24 Hours. ePoster at SAEM Southeastern Regional Meeting. Greenville, SC. February 21 – 22, 2020
4. **Rey G, Uy G, Papa L, Ladde J**. End Tidal Carbon Dioxide (ETCO₂) Predicts Early Mortality Better than Shock Index in Trauma Patients Presenting to a Level One Trauma Center. Poster accepted at Orlando Health Quality Retreat 2020
5. **Gulenay G, Ladde J, Papa L, Kepple K**. Exhaled End Tidal Carbon Dioxide Measured Non-Invasively by Capnography at Triage is Associated with Shock Index in Patients Presenting to a Tertiary Care Emergency Department. Poster accepted at Orlando Health Quality Retreat 2020
6. **Baker S, Briscoe JG, Menis A, Maroney T, Papa L**. Comparison of Emergency Department Throughput with Standard In-Person Triage versus Virtual Telehealth Triage. Poster accepted at Orlando Health Quality Retreat 2020
7. **Ruffin TB, Salinero E, Papa L, Cramm K, Florez C, Chen G, Ramirez J**. Intranasal Fentanyl To Reduce Pain And Improve Oral Intake In Children With Infectious Mouth Lesions. Poster accepted at Orlando Health Quality Retreat 2020
8. **Stutsman M, Uy G, Heine E**. Ultrasound Identification of the Cricothyroid Membrane To Improve Accuracy and Quality of the Emergent Cricothyrotomy. Poster accepted at Orlando Health Quality Retreat 2020
9. **Butera B, Barneck M, Thundiyl J, Myburgh C, Leech S, Davison J**. Utility and Safety of Ultrasound Guided Nerve Blocks in Patients with Isolated Extremity Injuries. Poster accepted at Orlando Health Quality Retreat 2020
10. **Pearson K, Ladde J, Roa JV, Kennedy J, Papa L**. Resident Phone Call Follow-Ups Positively Correlate with Increased Patient Satisfaction in the Emergency Department. Poster accepted at Orlando Health Quality Retreat 2020

11. **Salinero E.** How the Utilization of a Sepsis Huddle in the Pediatric Emergency Department Impacted Identification of Patients with Sepsis and Time to Initiation of Treatment. Poster accepted at Orlando Health Quality Retreat 2020
12. **Roa JV, Kennedy J, Maute T, Papa L.** Emergency Department Patient Satisfaction and Experience Scores From a Questionnaire Distributed By Press Ganey Versus Onsite At Discharge. Poster accepted at Orlando Health Quality Retreat 2020
13. **Rothrock RG, Cassidy DD, Guetschow B, Bienvenu D, Heine E, Briscoe J, Toselli N, Russin M, Young D, Premuroso C, Bailey D, BOMBARD2 Study Group: Pearson K, Gulenay G, Schattschneider M, Owens V, Myburgh C, Bergeron B, Cola T, DiCesare D.** Prediction of Urinary Tract Infection-Related Sepsis and Mortality in Patients Admitted via the ED. Poster accepted at Orlando Health Quality Retreat 2020
14. **Hill A.** Emergency Medicine Resident Appreciation of Teaching Faculty Increases with Each Post-Graduate Year. Poster presentation at Council of Emergency Medicine Residency Directors (CORD). New York, NY. March 9, 2020
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31. **Giordano PA**, et al. Efficacy of Omadacycline in the Treatment of Acute Bacterial Skin and Skin Structure Infections in Patients With Cellulitis or Abscesses. ACEP Research Forum Abstract 126. Virtual Conference. October 26 – 29, 2020
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2020 Review Articles

1. **Brennan DF**. Spring 2020: Medical Economics. *EM Pulse*. Florida College of Emergency Physicians. Spring 2020;27(1):17
2. **Atiyeh J, Black G, Hingst B**. Residency Matters. *EM Pulse*. Florida College of Emergency Physicians. Spring 2020;27(1):30
3. **Giordano P**, et al. Characteristics of 24,516 Patients Diagnosed with COVID-19 Illness in a National Clinical Research Network: Results from PCORnet. doi: <https://doi.org/10.1101/2020.08.01.20163733>

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4. **Brennan DF**, Howe S. Florida Balance Billing Out-of-Network (OON) Dispute Resolution. *EM Pulse*. Florida College of Emergency Physicians. Fall 2020;27(3):14
5. **Black G, Hingst B**. Residency Matters. *EM Pulse*. Florida College of Emergency Physicians. Winter 2020, Page 35