CURRICULUM VITAE

Farrukh Nadeem Jafri, MD, PhD, MS-HPEd, FACEP

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EDUCATION

1999–2003 **New York University**
New York, New York
B.A., History

2005-2009 **Renaissance School of Medicine at Stony Brook**
Stony Brook, New York
M.D.

2016–2019 **Massachusetts General Hospital Institute of Health Professions**
Boston, Massachusetts
M.S., Health Professions Education
Thesis: "Improving interprofessional communication during acute medical resuscitation and its impact on clinical performance."

2020–2026 **Massachusetts General Hospital Institute of Health Professions**
Boston, Massachusetts
Ph.D., Health Professions Education (Implementation Science)
Dissertation: "Embedding Simulation in Quality Improvement: From In Situ Training to AI-Powered Translational Outcomes." Advisors: R.E. Edwards, ScD; A. Kumar, PhD; S. Kardong-Edgren, PhD

POSTGRADUATE TRAINING

2009–2012 **Emergency Medicine Residency**
Mount Sinai St. Luke's / Roosevelt Hospital
New York, New York

2022 **Performance Improvement Fellowship**
Montefiore Center for Performance Improvement
Bronx, New York
Project: "Decreasing Heart Failure Readmission through Virtual Medication Management."

2026–2027 **Biodesign and Innovation Fellowship**
Albert Einstein College of Medicine
Bronx, New York

BOARD CERTIFICATION

American Board of Emergency Medicine (ABEM) 2012, Recertified 2022

CERTIFICATIONS

Lean Six Sigma: Green Belt 2022
Institute for Healthcare Improvement: Basic Certificate 2022
Foundations of Transitional Care, UPENN Medicine 2021

Advanced Instructor Workshop, Center for Medical Simulation – Harvard 2017
Debriefing Assessment for Simulation in Healthcare (DASH), CMS – Harvard 2017
Stop the Bleed Master Instructor 2016
Comprehensive Instructor Workshop, CMS – Harvard 2016
CITI Training Certificate 2015
TeamSTEPPS Master Trainer 2015
Registered Diagnostic Medical Sonographer 2013

PROFESSIONAL APPOINTMENTS

Academic Appointments

2026–Present **Adjunct Professor**
Mass General Brigham Institute of Health Professions
Boston, Massachusetts

2024–Present **Associate Professor, Department of Emergency Medicine**
Albert Einstein College of Medicine
Bronx, New York

2016–2024 **Assistant Professor, Department of Emergency Medicine**
Albert Einstein College of Medicine
Bronx, New York

Hospital Appointments

2021–Present **Medical Director, WPH Cares (Transitional Care and Population Health)**
White Plains Hospital
White Plains, New York

2024–Present **Member, East Post Road Ventures (EPRV)**
White Plains Hospital Venture Capital Affiliate
Pre-seed, seed, and early-stage investments in care delivery and medical device innovation, with access to subject matter experts through an exclusive relationship with White Plains Hospital.

2015–2021 **Assistant Director of Education and Simulation**
White Plains Hospital
White Plains, New York

2015–2021 **Co-Medical Director, Armonk Urgent Care Center**
White Plains Hospital
Armonk, New York

2012–2015 **Emergency Physician**
White Plains Hospital
White Plains, New York

2014–2015 **Emergency Physician**
Northwell Hospital
Manhasset, New York

HONORS AND AWARDS

Outstanding Recent Graduate, Renaissance School of Medicine, Stony Brook 2025
Leo M. Davidoff Society Nominee, Albert Einstein College of Medicine 2023

Editor's Choice Award, Simulation in Healthcare	2023
Fellow, American College of Emergency Physicians (FACEP)	2022
40 Under Forty, Stony Brook University	2022
Rising Star: 40 Under 40, Business Council of Westchester	2021
Excellence in Healthcare Award, United Hospital Fund	2021
Medical Service Award, Children's Dream Foundation	2021
New Speaker Forum Selection, NY ACEP	2021
Doctors of Distinction: Team Award, Westfair Magazine	2020
Healthcare Hero, Westchester Magazine	2020
First Runner Up: Idea Incubator Award, IDSA & Johnson and Johnson Innovation Labs	2020
Best Oral Presentation, Mount Sinai Simulation Symposium	2019, 2020
Teaching Star Award, Albert Einstein College of Medicine	2016–2019
Commencement Speaker, MGH Institute of Health Professions	2019
Emergency Department Physician of the Year, White Plains Hospital	2017
Chief Resident, Mount Sinai West	2012
Best Resident Research Finalist, ACEP National Scientific Assembly	2011

PROFESSIONAL SOCIETY MEMBERSHIP

American College of Emergency Physicians	2018–Present
Society for Simulation in Healthcare	2016–2022

RESEARCH FUNDING

PCORI – Site Leader, Hypertension-focused PCORI grant in coordination with Montefiore Medical Center (2025–Present).

$125,000 – American Nurses Credentialing Center Magnet Award (2025–2027). Nurse-led post-discharge care program for patients with poorly controlled diabetes utilizing continuous glucose monitoring.

$150,000 – Food-is-Medicine program development for patients with poorly controlled diabetes (2025).

$70,000 – White Plains Hospital Foundation (2022–2025). Tele-clinical pharmacy program for CHF patients.

$11,000 – Children's Dream Foundation (2020). High flow nasal cannula equipment for COVID-19 airway management.

$15,000 – Children's Dream Foundation (2018). Pediatric equipment for simulation center.

$1,000 – Nancy T. Watts Fellowship Award, MGH (2018). Multi-platform approach to teaching sepsis diagnosis and management.

$250,000 – Cecil Foundation / White Plains Hospital Foundation (2017). Development of the Simulation Center.

EDITORIAL POSITIONS & PEER REVIEW

Associate Editor: Simulation in Healthcare (2025–Present)

Assistant Editor: Joint Commission Journal on Quality and Patient Safety (2023–Present)

Journal Reviewer: Simulation in Healthcare (2020–2025); Joint Commission Journal on Quality and Safety (2023–Present); Cureus (2022); Disaster Management and Public Health Preparedness (2022)

SERVICE

Institutional Committees

- AI Steering Committee, White Plains Hospital (2025–Present)
- Primary Care Steering Committee, White Plains Hospital (2024–Present)
- Innovations Committee, White Plains Hospital (2024–Present)
- Chair, Medication Reconciliation Task Force, White Plains Hospital (2026–Present)
- Chair, Readmissions Task Force, White Plains Hospital (2021–Present)
- Performance Improvement Operations, White Plains Hospital (2020–Present)
- CHF Task Force, White Plains Hospital (2021–Present)
- Capacity Management Meeting, White Plains Hospital (2021–Present)
- Weekly Readmissions Meeting, White Plains Hospital (2021–Present)
- Sepsis Quality Committee, White Plains Hospital (2020–2021)
- Protocol Review and Monitoring Committee, White Plains Hospital (2020–2021)
- Delegate to the Medical Board, White Plains Hospital (2019–2022)
- Steering Committee, Montefiore Einstein Center for Innovation in Simulation (2018–2020)
- Steering Committee, Montefiore Quality Collaborative (2018–2021)

Regional and National Activities

- Member, National Taskforce for Pediatric Readiness (2021–Present)
- Advisor, Scarsdale Volunteer Ambulance Corps (2021–Present): Quality assurance, program development, and program advocacy.
- Member, Mount Sinai Tristate Simulation Symposium Committee (2021–Present)
- Board Member, Renaissance School of Medicine Alumni Association, Stony Brook (2019–Present)
- Board Member, Children's Dream Foundation, Rye, NY (2020–Present)
- Member, Improving Pediatric Care Through Collaboration (2018–Present)
- Founder, MISS-Q Collaborative (Merging In-Situ Simulation with QI) (2020–2022)
- Research Subcommittee Member, Society of Academic Emergency Medicine (2020–2021)
- Community Trainer, Stop the Bleed and CPR (2018–2020)
- Emergency Department Safety Group, The Doctors Group, New York, NY (2015–2021)

Medical Consulting

- Verbal AI (2025–Present): QA audits and AI implementation; platform audits 100% of healthcare interactions—human or AI—against organizational standards (engaged through EPRV).

• Sage Care (2025–Present): AI-powered care navigation built for health systems; orchestrates patient calls, triage, and scheduling to reduce wait times and ease staff workload (engaged through EPRV).

• CoreDio (2025–Present): Catheter-grade non-invasive heart failure management using wearables, AI, and digital twins to measure intra-cardiac metrics; Principal Investigator on the NIH-funded longitudinal study (engaged through EPRV).

• Life365 (2022–Present): Advisor; full-service remote patient monitoring and telehealth platform.

• Scriptology (2024–Present): Modern medication management combining comprehensive medication management with clinical expertise, technology, and advanced analytics; helped build out a clinical pharmacy program for diabetes and assisted in expanding into RPM for ambulatory hypertension management.

• Cureatr, Inc.: Advisor; HIPAA-compliant messaging platform and clinical pharmacy service. Served as Principal Investigator on a post-hospital transitional care program study.

• Experius VR, Inc. (2020–2022): Invented VR-based hemorrhage control trainer based on ACS Stop the Bleed course

• Axon Park, Inc. (2020–2021): Invented VR-based PPE trainer for donning and doffing

• Tungsten Studios, Inc. (2020): Designed virtual stroke-based escape room for team training

• Lazarus 3D, Inc. (2018–2021): Development and testing of airway training and PPE prototypes

INVITED PRESENTATIONS (Past 5 Years)

Panelist: “Food as Medicine: A Special Hunger Action Month Panel.” Feeding Westchester, Elmsford, NY. September 2026.

Case Study Presenter: Case study with Verbal AI on real-time AI coaching in telehealth transitional care. Plug and Play Health Selection Day, Google (Chelsea), New York, NY. September 2026.

Conference Speaker: “The SIM-QI Framework: A Practical Blueprint for Embedding Simulation into Quality Improvement Infrastructure.” 10th Annual Mount Sinai TriState Simulation Symposium. 2026.

Workshop Facilitator: “Systems Thinking in Health Professions Education: Why Well-Trained Students Cannot Fix Bad Systems.” MGH Institute of Health Professions PhD Program, Boston, MA. April 2026. (Repeated for the Master’s Program Orientation Workshop, June 2026.)

Keynote Speaker: "Lessons in Resilience and Continuous Improvement." Career and Technical Education Awards Ceremony, Yonkers, NY. May 2025.

Keynote Speaker: "Addressing Diabetes in Underserved Communities." Business Skills Olympics, African American Men of Westchester, White Plains, NY. April 2025.

Conference Speaker: "Leveraging Remote Monitoring to Decrease Acute Care Utilization." BRI Network, Hollywood, FL. October 2023.

Conference Speaker: "Community Engagement through Simulation." Mount Sinai Tristate Simulation Symposium. May 2023.

Panelist: "Engaging consumers in their own home." The New Normal Podcast, Scottsdale, AZ. April 2023.

Speaker: "Building Virtual Environments." Harvard Macy Institute, Harvard University, Boston, MA. April 2022.

Panelist: "Transitioning Care to Home." The New Normal Podcast, Scottsdale, AZ. March 2022.

Conference Speaker: "Evolution of Simulation in a Community Hospital." Mount Sinai Tristate Simulation Symposium. September 2022.

Conference Speaker: "Developing Psychologically Safe Work Environments." NY ACEP New Speakers Forum, Bolton Landing, NY. July 2021.

Speaker: "Escape Room Simulation: Training for Crisis Resource Management." Henry Ford Hospital Core Faculty Development, Detroit, MI. January 2021.

Conference Speaker: "Merging In Situ Simulation with Quality Improvement." 6th Annual Hot Topics in Simulation, NYU Simulation Center, New York, NY. October 2020.

Speaker: "Escape Room Simulation: Training for Crisis Resource Management." MGH PhD Orientation Innovations Seminar, Boston, MA. October 2020, October 2022.

BIBLIOGRAPHY

Peer-Reviewed Publications

Elsener M, Arif A, Hendrick E, Patel D, Horstmann E, Jafri FN. Embedding Clinical Pharmacy in Transitional Care: A Telehealth Comprehensive Medication Management Intervention for Postdischarge Glycemic Optimization. Jt Comm J Qual Patient Saf. 2026 Sep 18:S1553-7250(26)00226-6. doi: 10.1016/j.jcjq.2026.08.009. Epub ahead of print. PMID: 42816198.

Jafri FN, Elsener M, Pulido K, Kumar A, Kardong-Edgren S, Edwards RA. Implementation of Artificial Intelligence-Powered Patient Simulation for Communication Training in a Telehealth Transitional Care Program. Simul Healthc. 2026 Sep 15. doi: 10.1097/SIH.0000000000000971. Epub ahead of print. PMID: 42743532.

Elsener M, Mathew C, Jafri FN. Implementing a RPM-enabled transitional care pathway for adults with poorly controlled diabetes: a quality improvement initiative. BMJ Open Qual. 2026 Aug 12;15(3):e004134. doi: 10.1136/bmjoq-2025-004134. PMID: 42586584.

Jafri FN, Light MB, Torres RE, Edwards RA. Education alone is rarely enough: realising value from integrating simulation with quality improvement. Adv Simul (Lond). 2026 Jul 15;11(1):51. doi: 10.1186/s41077-026-00469-0. PMID: 42458633; PMCID: PMC13374144.

Jafri FN, Elsener M, Kumar A, Kardong-Edgren S, Edwards RA. Artificial Intelligence-Powered Simulation for Telehealth Communication Training: Bridging Traditional Simulation and Artificial Intelligence. Simul Healthc. 2026 Apr 30. doi: 10.1097/SIH.0000000000000940. Epub ahead of print. PMID: 42061299.

Arif A, Kumar A, Elsener M, Egan K, Jafri FN. Analyzing Vital Sign Variability in Remote Monitoring as a Predictor of 31-Day Heart Failure Readmission: A Retrospective Cohort Study. Telemed J E Health. 2026 Jul;32(7):701-708. doi: 10.1177/15305627261440450. Epub 2026 Apr 7. PMID: 41943975.

Light MB, Elsener M, Feng C, Jafri FN. Contact After Emergency Department Discharge by a Telehealth Transition of Care Program Is Associated With Reduced Emergency Department Revisit Rate. Cureus. 2025;17(12):e100433.

Pollak C, Al-Khalidi K, Elsener M, Jafri F. Patient and program level correlates of 30-day readmissions: a retrospective analysis of a transitional care program. BMC Health Serv Res. 2025 Dec 23. doi: 10.1186/s12913-025-13889-x.

Jafri FN, Johnson K, Elsener M, Latchmansingh M, Sege J, Plotke M, Jing T, Arif A, Ganz-Lord F. A Quality Improvement-based Approach to Implementing a Remote Monitoring-Based Bundle in Transitional Care Patients for Heart Failure. Jt Comm J Qual Patient Saf. 2024;50(11):775-783.

Thai T, Plotke M, Downing G, Olmsted E, Cook B, Jafri FN. Telehealth Pharmacist Approach to Comprehensive Medication Management in Post-Discharge High-Risk Patients: A Quality Improvement Initiative. Telemed J E Health. 2024;30(4):976-986.

Saggar V, O'Donnell P, Moss H, Yoon A, Lutz C, Restivo A, Ahmed O, Guha D, Jafri F, Singh M. Effectiveness of a virtual reality trainer for retention of tourniquet application skills for hemorrhage control among emergency medicine residents. AEM Educ Train. 2024;8(3):e10986.

Raff JP, Sege J, Braiotta R, Jafri FN, Cook B, Steiner-Grossman P, Cohen F. The Impact of a Narrative Medicine Life Story Pilot Program on Press Ganey Scores in an Outpatient Cancer Center. Health Commun. 2024;39(10):2079-2089.

Jafri FN, Santana Felipes RC, Bliagos D, Torres RE, Bellido S, Arif A, Elwell D, Mirante D, Ellsworth K, Cardasis J, Anastasian G, Pinto H, Kochar A. Stress Testing the Cardiac Catheterization Laboratory: A Novel Use of In Situ Simulation to Identify and Mitigate Latent Safety Threats During Acute Airway Management. Simul Healthc. 2024;19(2):75-81.

Dadario NB, Shleiwet NH, Santana Felipes RC, Cook B, Cooney JV, Stephenson KM, Elsmore M, Jafri FN. Use of Cognitive Aids to Augment Point of Care Hemorrhage Control Skills in Laypersons. Disaster Med Public Health Prep. 2023;17:e428.

Auerbach MA, Whitfill T, Montgomery E, [...], Jafri FN, et al. Factors Associated With Improved Pediatric Resuscitative Care in General Emergency Departments. Pediatrics. 2023;152(2):e2022060790.

Yang CJ, Saggar V, Seneviratne N, Janzen A, Ahmed O, Singh M, Restivo A, Yoon A, Bajaj K, Ahmed ST, Moseley M, Moss H, Jafri FN. In Situ Simulation as a Quality Improvement Tool to Identify and Mitigate Latent Safety Threats for Emergency Department SARS-CoV-2 Airway Management: A Multi-Institutional Initiative. Jt Comm J Qual Patient Saf. 2023;49(6-7):307-315.

Raff JP, Cook B, Jafri FN, Boxer N, Maldonado J, Hopkins U, Roayaie S, Noyer C. Successful Pancreatic Cancer Screening Among Individuals at Elevated Risk Using Endoscopic Ultrasound and Magnetic Resonance Imaging: A Community Hospital Experience. Pancreas. 2022;51(10):1345-1351.

Binder C, Elwell D, Ackerman P, Shulman J, Yang C, Jafri F. Interprofessional In Situ Simulation to Identify Latent Safety Threats for Quality Improvement: A Single-Center Protocol Report. J Emerg Nurs. 2023;49(2):213-219.

Jafri FN, Yang CJ, Kumar A, Torres RE, Ahmed ST, Seneviratne N, Zarowin D, Bajaj K, Edwards RA. In Situ Simulation as a Tool to Longitudinally Identify and Track Latent Safety Threats in a Structured Quality Improvement Initiative for SARS-CoV-2 Airway Management: A Single-Center Study. Simul Healthc. 2022;17(6):365-372.

Kravitz MB, Dadario NB, Arif A, Bellido S, Arif A, Ahmed O, Gibber M, Jafri FN. The Comparative Effectiveness of Virtual Reality Versus E-Module on the Training of Donning and Doffing Personal Protective Equipment: A Randomized, Simulation-Based Educational Study. Cureus. 2022;14(3):e23498.

Sammartino D, Jafri F, Cook B, La L, Kim H, Cardasis J, Raff J. Predictors for inpatient mortality during the first wave of the SARS-CoV-2 pandemic: A retrospective analysis. PLoS One. 2021;16(5):e0251262.

Ahmed ST, Cusumano C, Shah SJ, Ma A, Jafri FN, Yang CJ. Response to "Mitigating Tracheostomy-Related Latent Safety Threats Through In Situ Simulation." Otolaryngol Head Neck Surg. 2021;164(6):1364-1365.

Dadario NB, Felipes RCS, Cooney JV, Stephenson KM, Shleiwet NH, Liang T, Jafri FN. The Impact of a Mobile Phone Application for Retention of Bleeding Control Skills. J Surg Res. 2021;268:527-534.

Arif A, Arif A, Fasciglione KA, Jafri FN. The Iterative Development and Testing of an Interactive Mobile Application for Skill Retention of Cardiopulmonary Resuscitation Among High School Students: A Pilot Study. Simulation & Gaming. 2021;52(4):492-507.

Dadario NB, Bellido S, Restivo A, Kulkarni M, Singh M, Yoon A, Shapiro J, Quintero F, Tagami T, Yang CJ, Jafri FN. Using a Logic Model to Enable and Evaluate Long-Term Outcomes of a Mass Casualty Training Program: A Single Center Case Study. Disaster Med Public Health Prep. 2021;16(5):2082-2088.

Singh M, Moss H, Thomas GM, Dadario NB, Mirante D, Ellsworth K, Shulman J, Bellido S, Amicucci B, Jafri FN. The Development of an Assessment Rubric for the Core and Contingency Team Interaction Among Rapid Response Teams. Simul Healthc. 2022;17(1):e49-e56.

Jing TT, Shah SJ, Dadario NB, Jafri FN. Evaluation of a Novel Three-Dimensional Emergency Cricothyrotomy Task Trainer. Cureus. 2021;13(4):e14755.

Jafri FN, Dadario NB, Kumar A, et al. The Addition of High-Technology Into the Stop the Bleed Program Among School Personnel Improves Short-Term Skill Application, Not Long-Term Retention. Simul Healthc. 2021;16(6):401-408.

Jafri FN, Shah S, Yang CJ, Restivo A, Singh M, Yoon A, Ahmed ST. Safety Considerations for In Situ Simulation in Closed SARS-CoV-2 Units. Simul Healthc. 2021;16(2):145-146.

Jafri FN, Mirante D, Ellsworth K, et al. A Microdebriefing Crisis Resource Management Program for Simulated Pediatric Resuscitation in a Community Hospital: A Feasibility Study. Simul Healthc. 2020;15(5):345-350.

Shah SJ, Cusumano C, Ahmed S, Ma A, Jafri FN, Yang CJ. In Situ Simulation to Assess Pediatric Tracheostomy Care Safety: A Novel Multicenter Quality Improvement Program. Otolaryngol Head Neck Surg. 2020;163(2):250-258.

Jafri FN, Shulman J, Gómez-Márquez JC, Lazarus M, Ginsburg DM. Sore Throat, Fever, Septic Emboli, and Acute Respiratory Distress Syndrome: A Case of Lemierre Syndrome. Case Rep Emerg Med. 2018;2018:7373914.

Jafri FN, Solarz D, Hjemdahl-Monsen C. Cycling Induced Spontaneous Coronary Artery Dissection in a Healthy Male. Case Rep Emerg Med. 2018;2018:2740513.

Nakao JH, Jafri FN, Shah K, Newman DH. Jolt accentuation of headache and other clinical signs: poor predictors of meningitis in an adult population. Am J Emerg Med. 2014;32(1):24-28.

Siddiqui S, Jafri FN. A 14-year old boy with sore throat and syncope. Pediatr Ann. 2013;42(10):403-406.

Derrick BJ, Jafri FN, Saul T, Lewiss RE. Perforated uterus with displacement of intrauterine device. J Emerg Med. 2013;44(6):1144-1145.

Yeh J, Jafri F, Saul T, Lewiss RE. Renal fracture. J Emerg Med. 2013;44(4):e337-e338.

Jafri F, Runde D, Saul T, Lewiss RE. An inexpensive and easy simulation model of ocular ultrasound that mimics normal anatomy as well as abnormal ophthalmologic conditions. J Ultrasound Med. 2011;30(4):569-573.

Book Chapters

Jafri F, Leal M, Dadario N, Kutzin J. Escape Room Simulations. In: Defining Excellence in Simulation Programs, 2nd ed. Wolters Kluwer; 2022. Chapter 3.10.

Selected Oral Presentations

Jafri FN, Pulido K, Torres RE. Enhancing the Patient-Provider Encounter Through Real-Time AI: A Quality Improvement Study of an AI Coach in Telehealth Transitional Care. 9th Annual Virtual Healthcare in the Mainstream Symposium and Research Forum, Griffis Faculty Club, New York, NY. October 2026.

Elsener M, Pisseri K, Harmon P, Jafri FN. An Innovative Telehealth Platform for Transitions in Care. 2022 ANCC Conference & Pathway to Excellence Conference. October 2022.

Thai T, Downing G, Jafri FN. Virtual Pharmacist Approach To Comprehensive Medication Management In High Risk Post-discharge Patients: A Randomized Quality Improvement Initiative. American Telehealth Association Conference. March 2023.

Seneviratne N, Ahmed O, Ahmed S, Zarowin D, Jafri FN, Yang CJ. In Situ Simulation for the Emergency Airway Management of COVID-19 Patients – A Multi-institutional Study. Society for Academic Emergency Medicine. 2022.

Kravitz MB, Dadario NB, Arif A, Bellido S, Ahmed O, Gibber M, Jafri FN. The Comparative Effectiveness of Virtual Reality versus E-Module on the Training of Donning and Doffing PPE. International Meeting for Simulation in Healthcare. Orlando, FL. January 2021.

Jafri FN, Dadario NB, Kumar A, et al. Adding High Fidelity Simulation to the Bleeding Control Course Improves Efficacy of Tourniquet Placement and Wound Packing Among School Personnel. International Meeting of Simulation in Healthcare. San Diego, CA. January 2020.

Jafri FN, Mirante D, Ellsworth K, et al. A Crew Resource Management Program Improves Pediatric Resuscitation. International Meeting of Simulation in Healthcare. San Diego, CA. January 2020.

Bellido S, Dadario N, Restivo A, Kulkarni M, Singh M, Yoon A, Shapiro J, Quintero F, Tagami T, Yang CJ, Jafri FN. Using a Logic Model to Enable and Evaluate Long-Term Outcomes of a Mass Casualty Training Program. Mount Sinai Simulation Symposium. September 2020.

Jafri FN, Mirante D, Ellsworth K, et al. A Crew Resource Management Program Improves Pediatric Resuscitation. Mount Sinai Simulation Symposium. New York, NY. September 2019.

Jafri FN, Dadario NB, Kumar A, et al. Adding High Fidelity Simulation to the Bleeding Control Course Improves Efficacy of Tourniquet Placement and Wound Packing Among School Personnel. Mount Sinai Simulation Symposium. New York, NY. September 2019.

Shah SJ, Cusumano C, Ahmed S, Ma A, Jafri FN, Yang CJ. In Situ Simulation to Improve Pediatric Tracheostomy Care. Mount Sinai Simulation Symposium. New York, NY. September 2019.

Nakao JH, Jafri FN, Shah K, Newman DH. Jolt Accentuation of Headache and Other Clinical Signs: Poor Predictors of Meningitis in an Adult Population. ACEP Annual Meeting. 2011.

Selected Poster Presentations

Jafri FN, Edwards RA. Enhancing Interprofessional Communication in Transitional Care Through AI-Powered Patient Simulation. MGH Institute of Health Professions Research and Scholarship Day. May 2026.

Patel D, Elsener M, Hendrick E, Hartmann E, DiPiro N, Preece J, Jafri F. Pharmacist-Led Interventions in Comprehensive Medication Management: Impact on 90-Day Post-Discharge A1c Levels. AMCP Nexus. October 2025. Gold Award (Top 10% Abstract).

Thai T, Downing G, Jafri FN. Virtual Pharmacist Approach To Comprehensive Medication Management In Post-discharge Heart Failure Patients. American Heart Association Scientific Sessions. November 2022.

Elsener M, Pisseri K, Harmon P, Jafri FN. An Innovative Telehealth Platform for Transitions in Care. 33rd Annual Symposium on Health Care Services in New York. October 2022.

Jafri FN, Yang C, Kumar A, et al. In-Situ Simulation as a tool to longitudinally identify and track perceived latent safety threats in a structured Quality Improvement Initiative for SARS-CoV-2 Airway Management. Mount Sinai Simulation Symposium. September 2021.

Jafri FN, Bliagos D, Pinto H, et al. Stress Testing the Cardiac Catheterization Lab: A Novel Use of In-Situ Simulation to Identify and Mitigate Latent Safety Threats during Cardiac Arrest Management. Mount Sinai Simulation Symposium. September 2021.

Kravitz MB, Dadario NB, Arif A, Bellido S, Arif A, Ahmed O, Gibber M, Jafri FN. The Comparative Effectiveness of Virtual Reality Versus E-Module on the Training of Donning and Doffing Personal Protective Equipment: A Randomized, Simulation-Based Educational Study. Mount Sinai Simulation Symposium. New York, NY. September 2021.

Arif A, Arif A, Fasciglione KA, Jafri FN. The Impact of an Interactive Mobile Application on the Quality of Cardiopulmonary Resuscitation. Mount Sinai Simulation Symposium. New York, NY. September 2021.

Jing TT, Shah SJ, Dadario NB, Jafri FN. Evaluation of a Novel Three-Dimensional Emergency Cricothyrotomy Task Trainer. Mount Sinai Simulation Symposium. New York, NY. September 2021.

Shah SJ, Cusumano C, Ahmed S, Ma A, Jafri FN, Yang CJ. In Situ Simulation to Improve Pediatric Tracheostomy Care. American Academy of Otolaryngology–Head and Neck Surgery Annual Meeting. New Orleans, LA. 2019.

Jafri F, Runde D, Saul T, Lewiss RE. An Inexpensive and Easy Simulation Model of Ocular Ultrasound that Mimics Normal Anatomy as well as Abnormal Ophthalmologic Conditions. Council of Emergency Medicine Residency Directors Academic Assembly. 2010.