**Overview and Mission:**

Thank you for your interest in the Pediatric Emergency Medicine (PEM) Simulation fellowship at The Children’s Hospital of Philadelphia (CHOP). CHOP PEM simulationists have been working together with the CHOP Center for Simulation, Innovation, and Advanced Education since 2013 to provide high level simulation education to countless learners, from medical students to seasoned providers in the institution and the community.

Our mission is to provide our fellow with the simulation experiences, education, support and guidance that will allow you to achieve your highest potential as a simulation educator and researcher. Our simulation faculty is committed to your training and mentoring within simulation, as well as your continued evolution as a PEM physician.

The Emergency Department is a unique place to work in that it is a clinical environment that intersects multiple medical and surgical disciplines as well as multiple professions, including nursing, respiratory therapy, pharmacy, and social work. The simulation fellowship program is based within the [Emergency Department (ED)](https://www.chop.edu/centers-programs/emergency-department) at CHOP, a Level 1 Pediatric Trauma Center that provides care to more than 100,000 children each year. The Emergency Department serves as a clinical learning environment for medical students, CHOP pediatric residents, residents from local Emergency Medicine residency programs, and fellows in Pediatric Emergency Medicine.

Examples of the CHOP PEM Simulation Team educational simulations within the CHOP ED include:

* Weekly simulations for Residents
* Monthly simulations for PEM Fellows
* Monthly simulations for PEM Faculty (often multidisciplinary in nature)
* Monthly simulations for PEM and Trauma staff (often interprofessional in nature)
* Annual resident resuscitation retreats utilizing simulation for rising 2nd year pediatric residents

In addition, there are numerous experiences outside of the division, but within the CHOP Enterprise via educational outreach and systems-in-process/quality initiative simulations. Examples of other simulation activities carried out by the CHOP PEM Simulation Section include:

* Regular simulations with satellite ED staff at Virtua Voorhees Hospital and CHOP @ King of Prussia Hospital
* Bi-annual simulations with pediatric primary care providers at CHOP Faculty Practice.
* Quarterly simulations with Urgent Care staff at CHOP Urgent Care sites
* Facilitation of pediatric simulations embedded in the Hospital of University of Pennsylvania (HUP) EM Simulation Days and the spring PEM-EM Bootcamp for graduating EM residents that the educators from the Division of Emergency Medicine run
* Regional outreach simulations (settings: general EDs, prehospital, inpatient pediatric, primary care, urgent care, other) for pediatric emergency readiness via [ExPERT, the CHOP Outreach Center for Pediatric Emergency Readiness and Training](https://www.chop.edu/centers-and-programs/emergency-medicine/chop-outreach-center-expertise-pediatric-emergency)

We will support ONE simulation fellowship position each academic year for a one-year position. Candidates are accepted upon completion of fellowship training in an ACGME-approved program in Pediatrics Emergency Medicine. Unfortunately, we cannot accept applicants with J-1 Visas or those from residencies that are not ACGME approved.

**Fellowship Program Directors**
Megan Lavoie, MD

Khoon-Yen Tay, MD

Please contact us directly via email at PEMSimFellowship@chop.edu or reach out to our program coordinator.

**Program Coordinator**
Krista Bright brightk@chop.edu

**Contact information**
215-590-1944

**Simulation Center Clinical Educator:**

Grace Good, BSN, MA

**CHOP PEM Faculty**: More than 90 full- and part-time attendings, board certified in PEM, jointly appointed by the University of Pennsylvania and Children’s Hospital of Philadelphia

**CHOP PEM Sim Faculty**:

Madeline Field, MD

Marleny Franco, MD

Mike Hrdy, MD, MSEd

Ammarah Iqbal, MD

Megan Lavoie, MD

Brian Lee, MD

Khoon-Yen Tay, MD

Anita Thomas, MD MPH

Theresa Walls, MD MPH

**Application deadline**: Rolling application with interviews granted on a rolling basis

**About CHOP:**

The nation’s first pediatric hospital, CHOP has been providing exceptional healthcare for children since 1855. The Hospital’s mission is to advance pediatric healthcare worldwide through:

* Excellence in patient care
* Breakthrough research to cure pediatric diseases
* Education for future generations of medical professionals
* Advocacy for children’s health

CHOP is consistently ranked at the top in *U.S. News & World Report’s* survey of pediatric hospitals, which uses measures such as outcomes, research, patient-staff ratio and safety to evaluate a hospital’s quality. The [Department of Pediatrics](https://www.chop.edu/news/us-news-world-report-ranks-children-s-hospital-philadelphia-s-pediatrics-department-best-us) at CHOP is consistently recognized as one of the nation’s foremost departments of pediatrics in *U.S. News & World Report’s* survey of U.S. medical schools.

**Simulation Fellowship overview**

The focus during your year of training is to develop your skills as a medical simulationist. This may take many forms, depending on your interests within simulation, but all fellows will have opportunities to use simulation in education, research, and quality or process improvement.

The fellow will be expected to take the CHOP PEM Simulation Team’s 3-hour mini-facilitator course in the summer and the CHOP Simulation Center’s 3-day Facilitator Course in October. Further training in advanced simulation and debriefing courses are also available based on each fellow’s interests and skills.

The fellow will be expected to attend/participate in the following monthly simulation meetings:

* DoEM PEM Simulation Planning
* Sim Research Mentor meetings
* CHOP Simulation Center Research
* CHOP Simulation Center Journal Club

At the conclusion of fellowship, the fellow will be expected to:

* Have an educational “portfolio” of simulations scenarios
* Present academic work at a national or international simulation meeting

Interested fellows may take part in a certificate program, though funding is not guaranteed:

1. [Clinical Research Certificate Program](https://www.cceb.med.upenn.edu/certificate-programs). This program, which is designed primarily for School of Medicine residents, fellows and faculty, is offered through the Center for Clinical Epidemiology and Biostatistics of the University of Pennsylvania.
2. Certificate in Medical Education for Health Professions. This program, which is designed for all types of medical providers, is offered through the University of Pennsylvania Graduate School of Education.

**Mentorship:**

Soon after starting fellowship, you will be paired with a simulation education mentor and a simulation research mentor. These mentors are dedicated to assisting you in achieving your goals.

Your simulation education mentor will:

* Assist you in acquiring and mastering clinical, procedural and teaching skills
* Be available to preview/edit your lecture or case conference material
* Help foster clinical questions to direct your research interests
* Facilitate your ability to achieve work/life integration
* Offer formative feedback on areas for perceived growth
* Serve as a role model for your career development

Your simulation research mentor will:

* Assist you in identifying an important clinical question and designing a simulation research project to address that question
* Guide you in every phase of the project including IRB submission, data collection and analysis, and writing a manuscript
* Assist you in preparing to present initial research ideas or results at Simulation Center Research meeting and eventually at a national society meeting

### Research within the Division of Emergency Medicine (DoEM)

The PEM simulation fellowship will assist and prepare fellows to acquire and develop skills in research methodology, quality improvement, and critical evaluation of the medical literature. Highlights include:

* The CHOP PEM Sim Group is a member of ImPACTS: A multicenter network whose goal is to conduct rigorous multi-institutional research into the prevention and management of acute illnesses and injuries in children.
* Crognale Award: $2,000 per fellow available for sponsored projects, from divisional funds.
* [The CHOP Center for Simulation, Advanced Education and Innovation](https://www.chop.edu/centers-programs/center-simulation-advanced-education-and-innovation) consists of a multidisciplinary and interprofessional group of simulationists who conduct simulation research, education, quality improvement projects, and system and process simulations within the CHOP enterprise and are active in the national and international simulation world.

**Clinical expectations:**

* Certifications: Fellows will have an up-to-date certification in Advanced Cardiac Life Support (ACLS), Advanced Trauma Life Support (ATLS), and Pediatric Advanced Life Support (PALS)
* After a 2 month transition period working as an Emergency Department Pediatrician (EDP), PEM Sim Fellows will operate as full PEM attendings with a base of contracted hours equivalent to 6.5 8-hour shifts per month (~0.6 FTE) and will be able to moonlight in the ED as their schedule allows at the faculty attending rate.

**Diversity**

* Our division of Emergency Medicine and its Simulation section values diversity among our staff at all levels including diversity of race, ethnicity, sexual preference and gender identification. Children’s Hospital of Philadelphia provides support to this process through the [Office of Diversity and Inclusion](https://www.chop.edu/careers/employee-diversity-and-inclusion) and the CHOP Multicultural Physicians Alliance.

**How to Apply:**

Our one-year fellowship seeks physicians who will have completed three years of fellowship training in an accredited fellowship program in pediatric emergency medicine. We cannot accept candidates with J-type VISAs at this time.

Interested applicants, can have the below information emailed to Krista Bright at brightk@chop.edu

**Program requirements (Highlighted items for CHOP GME purposes)**

* CV
* Current photograph (released only after interview is offered)
* Personal statement (one page or less)
* 3 letters of recommendation, including one from PEM fellowship director
* Dean's letter
* Medical school transcript
* Parts 1, 2 and 3 of the USMLE, taken within the seven-year time frame as required by the Commonwealth of Pennsylvania, or equivalent scores
* If a graduate of a medical school outside the United States, Canada or Puerto Rico, valid ECFMG certificate or one that does not expire prior to the start of the fellowship

**Tobacco-free hiring policy**

To help preserve and improve the health of our patients, their families and our employees, The Children’s Hospital of Philadelphia has a tobacco-free hiring policy. This policy applies to all candidates for employment (other than those with regularly scheduled hours in New Jersey) for all positions, including those covered by the Collective Bargaining Agreement.

Job applicants who apply after July 1, 2014 will be expected to sign an attestation stating they’ve been free of nicotine or tobacco products in any form for the prior thirty (30) days. They will also undergo a cotinine test as a part of the Occupational Health pre-placement drug screen administered after the offer of employment has been accepted but before the first day of hire.

**Exemptions:** Attending physicians (excluding CHOP physicians in the Care Network), psychologists, principal investigators and/or Penn-based faculty are **exempt** from this process to better align with our colleagues at the University of Pennsylvania Perelman School of Medicine.

For information or questions about the Pediatric Emergency Medicine Simulation Fellowship, please contact Krista Bright via email: brightk@chop.edu

### Other requirements

To carry out its mission, it is of critical importance for the Children’s Hospital of Philadelphia (CHOP) to keep our patients, families and workforce safe and healthy and to support the health of our global community. In keeping with this, CHOP has mandated all workforce members (including trainees) on site at any CHOP location for any portion of their time be vaccinated for COVID-19 as a condition of employment.

This mandate also applies to workforce members or trainees performing work for CHOP at non-CHOP locations. Additionally, all workforce members based in or regularly scheduled to work at any New Jersey location are mandated to be both vaccinated and boosted for COVID-19, with booster timing consistent with applicable guidelines. The CHOP COVID-19 vaccine mandate is in alignment with applicable local, state and federal mandates. CHOP also requires all workforce members and trainees who work in patient care buildings or who provide patient care to receive an annual influenza vaccine. Employees may request exemption consideration for CHOP vaccine requirements for valid religious and medical reasons. Please note start dates may be delayed until candidates are fully immunized or valid exemption requests are reviewed. In addition, candidates other than those in positions with regularly scheduled hours in New Jersey, must attest to not using tobacco products.

Children's Hospital of Philadelphia is an equal opportunity employer. We do not discriminate on the basis of race, color, gender, gender identity, sexual orientation, age, religion, national or ethnic origin, disability, protected veteran status or any other protected category. CHOP is a VEVRAA Federal Contractor seeking priority referrals for protected veterans.

CHOP is committed to building an inclusive culture where employees feel a sense of belonging, connection, and community within their workplace. We are a team dedicated to fostering an environment that allows for all to be their authentic selves. We are focused on attracting, cultivating, and retaining diverse talent who can help us deliver on our mission to be a world leader in the advancement of healthcare for children.

We strongly encourage all candidates of diverse backgrounds and lived experiences to apply.