Stanford

Jason Lowe

- Clinical Associate Professor, Emergency Medicine
- Clinical Assistant Professor, Pediatrics

CLINICAL OFFICES

- **Stanford Emergency Medicine Dept**

  300 Pasteur Dr Rm M121

  Alway Bldg MC 5119

  Stanford, CA 94305

  Tel (650) 721-2450 **Fax** (650) 723-0121
- **Stanford Emergency Department**

  900 Welch Rd Ste 350

  Stanford, CA 94305

  Tel (650) 725-4492 **Fax** (650) 736-7605

Bio

CLINICAL FOCUS

- Pediatric Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine
- Clinical Assistant Professor, Pediatrics

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair-Pediatric Emergency Medicine Section, American College of Emergency Physicians (2017 - present)
- Fellow, American College of Emergency Physicians (2016 - present)
- ACEP Pediatric Section Officer, American College of Emergency Physicians (2008 - present)
- Fellow, American Academy of Pediatrics (2015 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Emergency Medicine, American Board of Pediatrics (2022)
- Board Certification: Pediatrics, American Board of Pediatrics (2020)
- Fellowship: University of Florida-Shands Jacksonville (2008) FL
- Residency: UCSF Fresno (2005) CA
- Internship: UCSF Fresno (2003) CA
- Medical Education: Touro University College of Osteopathic Medicine (2002) CA

COMMUNITY AND INTERNATIONAL WORK

- Co-Director, Palo Alto, California

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Use of telepresence technologies can improve efficiencies where geographic and temporal preclude in person interaction. Specifically, at our institution, our emergency department is located in a physically separate location from our pediatric hospitals. We utilize two separate hospitals for our pediatric admissions staffed by hospitalists that are within a different medical system. Because of this, it can be cumbersome to directly communicate for admissions, consults, and transfers.

We have implemented a telemedicine platform with a standardized workflow to help alleviate the issues surrounding our specific idiosyncrasies. Current research focuses on error reduction, efficiency, provider satisfaction, and patient satisfaction.

Technological advances in 360 video recording and playback have reached a point where the medium can be effectively implemented as a training platform.

We have used a 360 degree camera to film patient vignettes. Specifically, we filmed high school students after a "mass casualty" shooting event. Each patient vignette involved a specific injury requiring a specific triage level and intervention.

We took these filmed segments and added a graphical user interface that prompted a user to choose a triage level and intervention.

Users were placed in VR goggles and watched each vignette and had to choose a triage level and intervention based on what they viewed. They were scored based on correctly choosing the triage level and intervention.

Future projects will be based on workplace violence and trauma protocols.

Teaching

COURSES

2020-21

- CLINICAL ELECTIVE IN EMERGENCY MEDICINE: EMED 398A (Aut)

Publications

PUBLICATIONS

- **Emergency Department Access During COVID-19: Disparities in Utilization by Race/Ethnicity, Insurance, and Income** *Western Journal of Emergency Medicine*
  Lowe, J., Brown, I., Duriseti, R., et al
  2021: 552-560
- **Critical Decisions in Emergency Medicine-Dangerous Curves**
  Lowe, J. T.
  American College of Emergency Physicians.
  2018 17–25

PRESENTATIONS

- Pediatric Literature Review - Stanford Hawaii Conference
- Pediatric Sedation - Stanford Hawaii Conference