Stanford



Andrew Chu, MD, MPH, MBA

Clinical Assistant Professor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Emergency Medicine**
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Bio

BIO

Dr. Chu is a board-certified emergency medicine physician and clinical assistant professor in the Department of Emergency Medicine. He is passionate about integrating lean startup methodologies into daily academic practice and has a decade of experience leading multi-disciplinary teams in designing, developing, and launching award-winning healthcare technologies. Dr. Chu is currently working with his colleagues to build AI solutions that will improve clinical operations for the emergency department.

He is also part of the Stanford EM Partners Program (STEPP), where he evaluates and executes on promising academic-industry partnerships. He is also an active committee member and former co-chair for the Stanford EM Innovation Conference, the premier virtual conference on AI and innovation for the acute care space.

He completed his residency in emergency medicine at the Harvard affiliated Mass General Brigham program. He received his applied research fellowship in healthcare innovation at Harvard Medical School. He also completed the Stanford Biodesign Faculty Fellowship. He pursued a medical degree at Boston University, a Master of Public Health (MPH) degree at Harvard, and a Master of Business Administration (MBA) degree at the Quantic School of Business and Technology.

He is a member of the American College of Emergency Physicians, American Academy of Emergency Medicine, and Society of Academic Emergency Medicine.

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

HONORS AND AWARDS

- Horace W. Goldsmith Fellowship, Harvard Business School
- Best Abstract Award, McCahan Medical Campus Education Day, Boston University School of Medicine
- Clinical Quality & Patient Safety Innovation Award, Boston Medical Center Department of Surgery
- Excellence in Medicine Leadership Award, American Medical Association (2017)
- Scholars Award, Massachusetts Medical Society (2018)
- Dr. Richard C. Wuerz Award for Emergency Medicine Research, Harvard Affiliated Emergency Medicine Residency (2021)
- Information Technology Award, Massachusetts Medical Society (2022)
- Bedside Teacher of the Year, Stanford Department of Emergency Medicine (2024)

PROFESSIONAL EDUCATION

- Fellowship, Stanford's Byers Center for Biodesign , Biodesign Faculty Fellowship (2024)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2023)
- Fellowship, Massachusetts General Hospital Healthcare Transformation Lab, Harvard Medical School , Applied Research in Healthcare Innovation (2022)
- Residency: Massachusetts General Hospital Emergency Medicine Residency (2022) MA
- Medical Education: Boston University School of Medicine (2018) MA
- Masters, Harvard T.H. Chan School of Public Health , Healthcare Management (2018)

Publications

PUBLICATIONS

- **Artificial Intelligence Readiness in Emergency Medicine: Expert Consensus Opinion for Preparing the Workforce.** *Journal of the American College of Emergency Physicians open*
  Dash, D., Macalalad, J., Lum, D. L., Baker, M. W., Dalsey, W. C., Sangal, R. B., Dayton, J. R., Waseem, T. C., Sikka, N. K., Chu, A. L.
  2026; 7 (6): 100503
- **Artificial Intelligence Readiness in Emergency Medicine: Expert Consensus Opinion for Preparing the Workforce** *JOURNAL OF THE AMERICAN COLLEGE OF EMERGENCY PHYSICIANS OPEN*
  Dash, D., Macalalad, J., Lum, D. L., Baker, M. W., Dalsey, W. C., Sangal, R. B., Dayton, J. R., Waseem, T. C., Sikka, N. K., Chu, A. L.
  2026; 7 (6)
- **An Advanced Cardiac Life Support Application Improves Performance during Simulated Cardiac Arrest** *APPLIED CLINICAL INFORMATICS*
  Senter-Zapata, M., Neel, D. V., Colocci, I., Alblooshi, A., AlRadini, F. M., Quach, B., Lyon, S., Coll, M., Chu, A., Rainer, K. W., Waters, B., Baugh, C. W., Dias, et al
  2024; 15 (04): 798-807
- **The Role of Large Language Models in Transforming Emergency Medicine: Scoping Review.** *JMIR medical informatics*
  Preiksaitis, C., Ashenburg, N., Bunney, G., Chu, A., Kabeer, R., Riley, F., Ribeira, R., Rose, C.
  2024; 12: e53787
- **STAT: Mobile app helps clinicians manage inpatient emergencies at the bedside** *HEALTHCARE-THE JOURNAL OF DELIVERY SCIENCE AND INNOVATION*
  Chu, A. L., Ziperstein, J. C., Niccum, B. A., Joice, M. G., Isselbacher, E. M., Conley, J.
  2021; 9 (4): 100590