Stanford



Ian Brown

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

CLINICAL OFFICE (PRIMARY)

- **Stanford Adult Emergency Department**

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Bio

CLINICAL FOCUS

- Emergency Medicine
- Medical Informatics
- Cardiovascular Emergencies
- Disaster Response

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Medical Informatics Director, Stanford Health Care, (2011- present)
- Associate Medical Director (Informatics and Data Analytics), Stanford School of Medicine Emergency Medicine, (2021- present)
- Assistant Medical Director (Informatics and Data Analytics), Stanford School of Medicine Emergency Medicine, (2016-2021)
- Assistant Medical Director, Stanford School of Medicine Emergency Medicine, (2014-2016)
- Associate Medical Director, APP Fellowship, Stanford School of Medicine Emergency Medicine, (2016-2018)
- Medical Director, Call Back Nurse Program, Stanford Healthcare Emergency Department, (2011-2016)
- Director of Observation Unti, Providence Hospital, DC, (2004-2006)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2015)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2004)
- Fellowship, Stanford University , Cardiovascular Emergencies (2008)
- Residency, Johns Hopkins University School of Medicine , Emergency Medicine (2003)
- Internship, Johns Hopkins University School of Medicine , Emergency Medicine (2001)

- MD, MCP Hahnemann University School of Medicine , Medicine (2000)
- MS, University of Rochester , Biophysics (1996)
- BS, The George Washington University , Physics, Business, Math (1992)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Clinical Informatics (Fellowship Program)

Publications

PUBLICATIONS

- **Optimizing Radiography Utilization: Multidisciplinary Expert Consensus Recommendations Endorsed by the Society of Academic Bone Radiologists, Society of Skeletal Radiology, American Society of Emergency Radiology, Orthopaedic Trauma Association, American Academy of Emergency Medicine, and American Rhinologic Society.** *Radiology*
  Zandee van Rilland, E. D., Fayad, L. M., Link, T. M., Davis, K. W., Wu, J. S., Brown, I. P., Chang, E. Y., Chow, L. C., Desai, S. C., Fritz, J., Gatz, J. D., Garner, H. W., Gorbachova, et al
  2026; 319 (2): e252309
- **Ambient Artificial Intelligence Scribe Adoption and Documentation Time in the Emergency Department.** *Annals of emergency medicine*
  Preiksaitis, C., Alvarez, A., Winkel, M., Karamatsu, M., Brown, I., Sama, N., Morris, L., Lee, J., Gubbels, A., Wahl, E., Frye, A., Rose, C.
  2026
- **In vivo clinical effectiveness of artificial intelligence screening for acute coronary syndrome: testing real-world performance** *BMJ Digital Health & AI*
  Bunney, G., Miller, K., Ryu, K., Graber-Naidich, A., Wessels, A., Pasao, M., Brown, I., Yiadom, M.
  2026
- **In vitro to in vivo translation of artificial intelligence for clinical use: screening for acute coronary syndrome to identify ST-elevation myocardial infarction.** *Journal of the American Medical Informatics Association : JAMIA*
  Bunney, G., Miller, K., Graber-Naidich, A., Kabeer, R., Bloos, S. M., Wessels, A. J., Pasao, M. A., Rizvi, M., Brown, I. P., Yiadom, M. Y.
  2025
- **A Woman With Facial Swelling and Pharyngeal Bleeding.** *Journal of the American College of Emergency Physicians open*
  Batchelor, T. J., Urdaneta, A., Brown, I. P.
  2025; 6 (1): 100008
- **Changes in low-acuity patient volume in an emergency department after launching a walk-in clinic.** *Journal of the American College of Emergency Physicians open*
  Kurian, D., Sundaram, V., Naidich, A. G., Shah, S. A., Ramberger, D., Khan, S., Ravi, S., Patel, S., Ribeira, R., Brown, I., Wagner, A., Gharahbhagian, L., Miller, et al
  2023; 4 (4): e13011
- **Beyond chest pain: Incremental value of other variables to identify patients for an early ECG.** *The American journal of emergency medicine*
  Bunney, G., Sundaram, V., Graber-Naidich, A., Miller, K., Brown, I., McCoy, A. B., Freeze, B., Berger, D., Wright, A., Yiadom, M. Y.
  2023; 67: 70-78
- **Effects of California's New Patient Homelessness Screening and Discharge Care Law in an Emergency Department.** *Cureus*
  Eakin, M., Singleterry, V., Wang, E., Brown, I., Saynina, O., Walker, R.
  2023; 15 (2): e35534
- **Effectiveness, safety, and efficiency of a drive-through care model as a response to the COVID-19 testing demand in the United States.** *Journal of the American College of Emergency Physicians open*
  Ravi, S., Graber-Naidich, A., Sebok-Syer, S. S., Brown, I., Callagy, P., Stuart, K., Ribeira, R., Gharahbaghian, L., Shen, S., Sundaram, V., Yiadom, M. Y.
  2022; 3 (6): e12867

- **Computed tomography rates in pediatric trauma patients among emergency medicine and pediatric emergency medicine physicians.** *Journal of pediatric surgery*
  Pariaszevski, A., Wang, N. E., Lee, M. O., Brown, I., Imler, D., Lowe, J., Fang, A.
  2022
- **Impact of telemedicine on clinical practice patterns for patients with chest pain in the emergency department.** *International journal of medical informatics*
  Ostberg, N., Ip, W., Brown, I., Li, R.
  2022; 161: 104726
- **Impact of Telemedicine on Care Delivery for Patients With Chest Pain in the Emergency Department**
  Ostberg, N., Ip, W., Brown, Li, R.
  MOSBY-ELSEVIER.2021: S23
- **Examination of physician characteristics in opioid prescribing in the emergency department.** *The American journal of emergency medicine*
  Glober, N. K., Brown, I., Sebok-Syer, S. S.
  2021; 50: 207-210
- **Using a Real-Time Locating System to Evaluate the Impact of Telemedicine in an Emergency Department During COVID-19: Observational Study.** *Journal of medical Internet research*
  Patel, B., Vilendrer, S., Kling, S. M., Brown, I., Ribeira, R., Eisenberg, M., Sharp, C.
  2021
- **Approach to Chest Pain** *CorePendium*
  Brown, I.
  edited by Mattu, A., Swadron, S.
  CorePendium.2021; 4
- **Prehospital Identification of Large Vessel Occlusions Using Modified National Institutes of Health Stroke Scale: A Pilot Study.** *Frontiers in neurology*
  Mulkerin, W. D., Spokoyny, I., Francisco, J. T., Lima, B., Corry, M. D., Nudelman, M. J., Niknam, K., Brown, I. P., Kohn, M. A., Govindarajan, P.
  2021; 12: 643356
- **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
- **Social Determinants of Hallway Bed Use.** *The western journal of emergency medicine*
  Kim, D. A., Sanchez, L. D., Chiu, D., Brown, I. P.
  2020; 21 (4): 949–58
- **Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens.** *JAMA*
  Kim, D., Quinn, J., Pinsky, B., Shah, N. H., Brown, I.
  2020
- **Emergency department implementation of abbreviated magnetic resonance imaging for pediatric traumatic brain injury.** *Journal of the American College of Emergency Physicians open*
  Lumba-Brown, A. n., Lee, M. O., Brown, I. n., Cornwell, J. n., Dannenberg, B. n., Fang, A. n., Ghazi-Askar, M. n., Grant, G. n., Imler, D. n., Khanna, K. n., Lowe, J. n., Wang, E. n., Wintermark, et al
  2020; 1 (5): 994–99
- **Higher co-infection rates in COVID19**
  Shah, N., Brown, I.
  Medium.
  2020
- **Characteristics of Emergency Department Patients With COVID-19 at a Single Site in Northern California: Clinical Observations and Public Health Implications.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Duanmu, Y. n., Brown, I. P., Gibb, W. R., Singh, J. n., Matheson, L. W., Blomkalns, A. L., Govindarajan, P. n.

2020

- **Paramedic Detection of Large Vessel Occlusions Using mNIHSS: A Prospective Cohort Pilot Study.**
  Mulkerin, W., Francisco, J., Lima, B., Spokoyny, I., Gilbert, G., Brown, I., Bernier, E., Niknam, K., Govindarajan, P.
  LIPPINCOTT WILLIAMS & WILKINS.2019
- **Comparison of Electronic Clinical Decision Support for the Diagnosis of Suspected Pulmonary Embolism in Three Health Care Systems**
  Bledsoe, J., Stevens, S. S., Woller, S. C., Brown, I. P., Madsen, T., Quinn, J., Johnson, S., Kelly, C., Elliott, C., Haug, P.
  MOSBY-ELSEVIER.2018: S147–S148
- **Introduction of a Horizontal and Vertical Split Flow Model of Emergency Department Patients as a Response to Overcrowding.** *Journal of emergency nursing: JEN : official publication of the Emergency Department Nurses Association*
  Wallingford, G. n., Joshi, N. n., Callagy, P. n., Stone, J. n., Brown, I. n., Shen, S. n.
  2017
- **The expanded scope of emergency medical practice necessary for initial disaster response: lessons from Haiti.** *Journal of special operations medicine : a peer reviewed journal for SOF medical professionals*
  Menon, A. S., Norris, R. L., Racciopi, J., Tilson, H., Gardner, J., McAdoo, G., Brown, I. P., Auerbach, P. S.
  2012; 12 (1): 31-36
- **Civil-Military Collaboration in the Initial Medical Response to the Earthquake in Haiti** *NEW ENGLAND JOURNAL OF MEDICINE*
  Auerbach, P. S., Norris, R. L., Menon, A. S., Brown, I. P., Kuah, S., Schwieger, J., Kinyon, J., Helderman, T. N., Lawry, L.
  2010; 362 (10)
- **Immune-Based Resistance to the Formation of v-src-Induced Distal Tumors** *Virology*
  Halpern, M. S., Wisner, T. W., Brown, B. P., James, E. M.
  1993; 197 (1): 480-484
- **Pion absorption in light nuclei** *Phys. Rev. C*
  Ransome, R. D., Morris, C. L., Jones, M. K., Ritchie, B. G., Watson, D. L., McGill, J. A., Pujara, K., Clayton, D. B., Brown, I., Campbell, P., Moore, C. F.
  1992; 46 (1): 273-278
- **Energy dependence of the total 12C(π+, 2p) cross section** *Physics Letters B*
  Jones, M. K., Ritchie, B. G., Morris, C. L., Ransome, R. D., McGill, J. A., Watson, D. L., Moore, C. F., Clayton, D. L., Pujara, K., Brown, I., Campbell, P.
  1992; 278 (4): 419-422
- **Cluster-impact-fusion yields: No collective effect observed for small water clusters** *Phys. Rev. Lett.*
  Vandenbosch, R., Trainor, T. A., Will, D. I., Neubauer, J., Brown, I.
  1991; 67 (25): 3567-3570

PRESENTATIONS

- Effectiveness, Safety and Efficiency of a Drive-Through Care Model: A Response to the COVID-19 Pandemic Testing Demand. - AMIA 2023, Informatics Summit (2023)
- Enhancing Emergency Care Through Artificial Intelligence: Data Infrastructure - Society of Academic Emergency Medicine Annual Meeting (May 2022)
- Bi-Directional SAFR Model HIE Between EMS and ED - Epic Expert Group Meeting (May 2022)
- The Holy Grail of Care Coordination Between Paramedics and Hospital - Bay Area Nursing Informatics Association (2022)
- Clinical Decision Support to Promote Value Based Care - Intermountain Emergency Medicine Grand Rounds (2021)
- ePE: Electronic Clinical Decision Support for the Diagnosis and Treatment of Acute PE in the Emergency Department - Epic Expert Group Meeting (2019)
- EMTALA: Integration of a Complex Workflow - Epic Expert Group Meeting (2019)
- Heart Failure, Beyond ABC & LMNOP - Symposium on Emergency Medicine (2018)
- STEMI for the Community Doctor - Symposium on Emergency Medicine (2018)
- Critical Care & Disaster Management Workshops - Symposium on Emergency Medicine (2018)

- Disaster Preparedness: Using the EMR to evacuate your hospital in case of disaster - Epic Expert Group Meeting (2018)
- FYI: Using the EMR to Identify Violent Patients - Epic Expert Group Meeting (2017)
- Tweaking the EMR in a Disaster - AdvancED Conference. California ACEP (2017)
- Smart Forms for Procedures - Epic Expert Group Meeting (2016)
- Freeing Registration from the Desk - Epic Expert Group Meeting (2016)
- Expected Patient Workflows - Epic Expert Group Meeting (2015)
- Disaster Response: Preparation, Practice and Lessons - Epic Expert Group Meeting (2014)
- The Haiti Earthquake: Medical Response and Ethical Dilemmas - Disaster Medicine Conference. UCSF (2011)
- The Haiti Earthquake: Emergency Medical Response - California/American College of Emergency Physicians annual conference. (2010)
- Choice and Timing of Reperfusion Therapy - X-treme Emergency Medicine Conference (2007)
- Critical Challenges in Cardiovascular Medicine, Acute Coronary Syndrome - Emergency Department & Interventional Cardiology Therapeutic Team (2007)
- Forensic Examination for Asylum Seekers - DC Medical Society (2006)