Stanford



John Robert Dayton

Clinical Assistant Professor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Emergency Medicine**
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Bio

BIO

Before becoming an assistant professor, Dr. Dayton was the inaugural Medical Design and Innovation Fellow with Stanford's Department of Emergency Medicine. He also completed a Biodesign Faculty Fellowship with the Byers Center for Biodesign. In addition to practicing medicine, he co-founded the Stanford Emergency Medicine Partnership Program (STEPP), directed two Stanford Emergency Medicine Innovation Symposium (StEMIX) pitch events, and led the 2022 ACEP Hackathon.

Outside of Stanford, Dr. Dayton advises health-tech companies on strategy and physician user experience and works in VC. He co-founded Utah's Society of Physician Entrepreneurs and has served in both state and national leadership positions with the American College of Emergency Physicians (ACEP). He also works with Intermountain Health as an emergency physician and physician advisor to Intermountain Ventures and is a life science investor with Frame VC.

John's areas of expertise include digital therapeutics, healthcare innovation, AI operational tools, medical devices, clinical validation, academic-private pilot partnerships, and venture funding.

CLINICAL FOCUS

- Emergency Medicine
- Medical Innovation
- Digital Health
- Healthcare Entrepreneurship
- Product Validation
- Physician and Patient User Experience
- Venture Funding

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

PROFESSIONAL EDUCATION

- MBA, Johns Hopkins Carey Business School , Healthcare Innovation and Entrepreneurship (2024)
- Fellowship, Stanford Center for Biodesign , Biodesign Faculty Fellowship (2023)
- Fellowship, Stanford Department of Emergency Medicine , Medical Innovation and Design (2023)
- Fellowship, American College of Emergency Medicine , Health Policy Mini Fellowship (2014)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2011)
- Residency: State University of New York at Buffalo School of Medicine (2009) NY
- Internship: State University of New York at Buffalo School of Medicine (2007) NY
- Medical Education: George Washington University Office of the Registrar (2006) DC

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
- **Stanford Emergency Medicine Partnership Program: a novel approach to streamlining the evaluation and implementation of emerging health technologies through academic-industry partnerships** *BMJ INNOVATIONS*
  Dayton, J., Yiadom, M. B., Shen, S., Strehlow, M. C., Rose, C., Bunney, G., Ribeira, R.
  2024
- **Teaching Principles of Medical Innovation and Entrepreneurship Through Hackathons: Case Study and Qualitative Analysis.** *JMIR medical education*
  Preiksaitis, C., Dayton, J. R., Kabeer, R., Bunney, G., Boukhman, M.
  2023; 9: e43916
- **Calculated decisions: Drug resistance in pneumonia (DRIP) score.** *Emergency medicine practice*
  Dayton, J.
  2021; 23 (Suppl 2): CD4-CD5
- **Operational metrics, patient demographics, acuity, and treatment times at privately owned freestanding emergency departments** *AMERICAN JOURNAL OF EMERGENCY MEDICINE*
  Simon, E. L., Dayton, J. R., Jouriles, N. J., Augustine, J. J., Hallas, O., Shakya, S., Marburger, N., Schmitz, G.
  2020; 38 (11): 2465-2467
- **Acuity, treatment times, and patient experience in Freestanding Emergency Departments affiliated with academic institutions** *AMERICAN JOURNAL OF EMERGENCY MEDICINE*
  Dayton, J. R., Dark, C. K., Cruzen, E. S., Simon, E. L.
  2018; 36 (1): 139-141
- **A Case Report of Non-beverage Alcohol Abuse by Cooking Extract** *JOURNAL OF CHILD & ADOLESCENT SUBSTANCE ABUSE*
  Dayton, J., Caravati, E., Smith, S. C.
  2016; 25 (4): 277-279