



John Robert Dayton

Clinical Assistant Professor, Emergency Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Emergency Medicine**

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Bio

BIO

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 before joining the faculty as an Assistant Professor.

In addition to practicing medicine, he co-founded the Stanford Emergency Medicine Partnership Program (STEPP), works on the Digital Health team, and is involved with producing the annual Stanford Emergency Medicine Innovation Symposium (StEMIX).

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).

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

CLINICAL FOCUS

- Emergency Medicine
- Medical Innovation
- Digital Health
- Healthcare Entrepreneurship

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

PROFESSIONAL EDUCATION

- Fellowship, Stanford's Byers 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

- **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