



## Carl Preiksaitis

Clinical Assistant Professor, Emergency Medicine

### CLINICAL OFFICE (PRIMARY)

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### Bio

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#### BIO

Dr. Carl Preiksaitis is a Clinical Assistant Professor of Emergency Medicine at Stanford University School of Medicine. He earned his MD from NYU Grossman School of Medicine, completed his Emergency Medicine residency at Stanford University, and subsequently completed a two-year Medical Education Scholarship Fellowship at Stanford. Dr. Preiksaitis also holds a Master of Education in Medical Education from the University of Cincinnati.

Dr. Preiksaitis's research interests lie at the intersection of artificial intelligence, medical education, and emergency medicine. As Principal Investigator of the Human Experience and Advancement Lab (HEAL), he focuses on leveraging AI and data science to enhance teaching, learning, and clinical practice. His projects include AI-powered analysis of clinical experiences for personalized resident education and the development of AI-assisted tools for evaluating learning resources.

Additionally, Dr. Preiksaitis is passionate about reproductive healthcare in emergency medicine. He has developed curricula for pregnancy disclosure and options counseling in the emergency department and conducts research on the prevalence and characteristics of emergency department visits by pregnant individuals.

#### CLINICAL FOCUS

- Emergency Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Emergency Medicine

#### ADMINISTRATIVE APPOINTMENTS

- Acting Assistant Residency Program Director, Department of Emergency Medicine, (2023-2024)
- Acting Assistant Clerkship Director, Department of Emergency Medicine, (2022-2023)

#### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Emergency Medical Services Fellowship (2024) CA
- Fellowship, Stanford Emergency Medicine , Medical Education Scholarship (2024)

- MEd, University of Cincinnati , Medical Education (2024)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2023)
- Residency: Stanford University Emergency Medicine Residency (2022) CA
- Medical Education: NYU Langone Medical Center (2018) NY

## Teaching

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### COURSES

#### 2024-25

- Principles of Medical Education: SOMGEN 219A (Win)

## Publications

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### PUBLICATIONS

- **ED-Explain: Personalized Video Instructions for Patients Discharged from the Emergency Department.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*  
Luo, L., Chen, E., Zhang, X., Acosta, J. N., Jin, B. T., Gunturkun, F., Rose, C., Preiksaitis, C., Suffoletto, B., Rajpurkar, P., Kim, D. A.  
2026; 31: 280-293
- **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
- **What Do We Mean When We Say "AI?" Why Context-Not Volume-Should Guide Emergency Medicine.** *Journal of the American College of Emergency Physicians open*  
Rose, C., Preiksaitis, C.  
2026; 7 (1): 100309
- **Supervising Resident AI Use Without Losing the Learning.** *Journal of graduate medical education*  
Preiksaitis, C.  
2026; 18 (1): 12-15
- **Assessment of pregnancy intentions in emergency department patients with pregnancy of unknown location.** *BMJ sexual & reproductive health*  
Doyle, A. A., Beshar, I., Henkel, A., Preiksaitis, C., Nief, C. A., Veliz Dominguez, L., Padron, E., Liu, S. M., Shorter, J. M.  
2026
- **Mastery Learning Improves Simulated Distal Radius Fracture Management by Emergency Medicine Teaching Faculty.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*  
Pokrajac, N., Gisondi, M. A., Jensen, A., Roszczynialski, K. N., Preiksaitis, C., Dixon, W.  
2025
- **Quantifying Emergency Medicine Residency Learning Curves Using Natural Language Processing: Retrospective Cohort Study.** *JMIR medical education*  
Preiksaitis, C., Hughes, J., Kabeer, R., Dixon, W., Rose, C.  
2025; 11: e82326
- **A call for structure: reimagining the faculty promotion and tenure letter of recommendation.** *Academic medicine : journal of the Association of American Medical Colleges*  
Landry, A., Preiksaitis, C., Gottlieb, M., Gisondi, M., Abubshait, L., Cooney, R., Lin, M.  
2025
- **AI Teaching Rounds: Orienting Graduate Medical Education Without the Hype.** *Journal of graduate medical education*  
Preiksaitis, C.  
2025; 17 (6): 685-688

- **Cultivating Health Care Innovation: Beyond the Disruption Paradigm** *NEJM CATALYST INNOVATIONS IN CARE DELIVERY*  
Rose, C., Kabeer, R., Bunney, G., Preiksaitis, C.  
2025; 6 (10)
- **Opportunistic Screening for Atrial Fibrillation With Continuous ECG Monitoring in the Emergency Department.** *Annals of emergency medicine*  
Bismuth, E., Jin, B. T., Molins, E., Nakhasi, A., Pritchard, A., Wang, Y., Rose, C., Preiksaitis, C., Kim, D.  
2025
- **Program Signaling in Emergency Medicine: Applicant Trends and Outcomes From the 2023 and 2024 Match** *AEM EDUCATION AND TRAINING*  
Luo, A. D., Zeuthen, C., Werley, E., Shappell, E., Pelletier-Bui, A., Estes, M., Fix, M., Preiksaitis, C., Mihalic, A. P., Egan, D. J.  
2025; 9 (3): e70070
- **Development and Initial Validity Evidence for the EvaLeR Tool: Assessing Quality of Emergency Medicine Educational Resources.** *AEM education and training*  
Preiksaitis, C., Barber, R., Caretta-Weyer, H., Krzyzaniak, S., Chan, T. M., Gisondi, M. A.  
2025; 9 (3): e70063
- **Ten must-read medical education articles of 2023.** *AEM education and training*  
Chen, E. H., Preiksaitis, C., Suh, M., Gottlieb, M., Jordan, J., Promes, S. B.  
2025; 9 (Suppl 1): S5-S6
- **AI passed the test, but can it make the rounds?** *AEM education and training*  
Rose, C., Preiksaitis, C.  
2024; 8 (6): e11044
- **Development and Initial Validity Evidence for a Pregnancy Disclosure and Options Counseling Checklist in Emergency Medicine.** *AEM education and training*  
Preiksaitis, C., Beshar, I., Dobiesz, V., Frisch, S., Henkel, A., Rider, A., Saxena, M., Gisondi, M. A.  
2024; 8 (6): e11043
- **SPARK mentorship program for emergency services assistants underrepresented in medicine interested in physician assistant programs.** *AEM education and training*  
Snietka, A., Preiksaitis, C., Gonzalez-Marques, C., Landry, A.  
2024; 8 (5): e11025
- **Measuring Burnout and Professional Fulfillment Among Emergency Medicine Residency Program Leaders in the United States: A Cross-Sectional Survey Study.** *Clinical and experimental emergency medicine*  
Preiksaitis, C., Wright, K. N., Alvarez, A., Chan, T. M., Gottlieb, M., Little, A. G., Landry, A.  
2024
- **The Impact of Changing Abortion Legislation on Emergency Medicine Residents in a State With Protected Abortion Rights.** *Journal of graduate medical education*  
Preiksaitis, C., Saxena, M., Henkel, A.  
2024; 16 (4): 445-452
- **Trends and predictors of unfilled emergency medicine residency positions: A comparative analysis of the 2023 and 2024 Match cycles** *AEM EDUCATION AND TRAINING*  
Preiksaitis, C., Abubshait, L., Bowers, K., Landry, A., Lewis, K., Little, A. G., Nash, C. J., Gottlieb, M.  
2024; 8 (4): e11013
- **Weighing the gold standard: The breadth of emergency medicine core content covered by textbooks.** *AEM education and training*  
Preiksaitis, C., Nawaz, A., Ousta, A., Mackey, C.  
2024; 8 (3): e10994
- **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
- **Is Artificial Intelligence Ready to Take Over Triage?** *Annals of emergency medicine*

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- Lebold, K. M., Preiksaitis, C.  
2024; 83 (5): 500-502
- **Prevalence and Characteristics of Emergency Department Visits by Pregnant People: An Analysis of a National Emergency Department Sample (2010-2020).** *The western journal of emergency medicine*  
Preiksaitis, C., Saxena, M., Zhang, J., Henkel, A.  
2024; 25 (3): 436-443
  - **Diagnostic Dilemma: ChatGPT Can't Tell You What You Don't Already Know.** *Annals of emergency medicine*  
Preiksaitis, C., Rose, C.  
2024; 83 (3): 286-287
  - **Initiating medical abortion in an emergency department in the United States.** *BMJ sexual & reproductive health*  
Preiksaitis, C., Saxena, M., Henkel, A.  
2024
  - **Brain versus bot: Distinguishing letters of recommendation authored by humans compared with artificial intelligence.** *AEM education and training*  
Preiksaitis, C., Nash, C., Gottlieb, M., Chan, T. M., Alvarez, A., Landry, A.  
2023; 7 (6)
  - **Beyond the numbers: Reimagining procedural proficiency in emergency medicine residencies.** *AEM education and training*  
Suh, M. I., Preiksaitis, C., Chen, E.  
2023; 7 (6): e10920
  - **A Conference (Missingness in Action) to Address Missingness in Data and AI in Health Care: Qualitative Thematic Analysis.** *Journal of medical Internet research*  
Rose, C., Barber, R., Preiksaitis, C., Kim, I., Mishra, N., Kayser, K., Brown, I., Gisondi, M.  
2023; 25: e49314
  - **Opportunities, Challenges, and Future Directions of Generative Artificial Intelligence in Medical Education: Scoping Review.** *JMIR medical education*  
Preiksaitis, C., Rose, C.  
2023; 9: e48785
  - **Ghost in the inbox: AI may help alleviate the burden of patient messages.** *Evidence-based nursing*  
Rose, C., Preiksaitis, C.  
2023
  - **The evolving role of emergency medicine in family planning services.** *Current opinion in obstetrics & gynecology*  
Preiksaitis, C., Henkel, A.  
2023
  - **Characteristics of Emergency Medicine Residency Programs With Unfilled Positions in the 2023 Match.** *Annals of emergency medicine*  
Preiksaitis, C., Krzyzaniak, S., Bowers, K., Little, A., Gottlieb, M., Mannix, A., Gisondi, M. A., Chan, T. M., Lin, M.  
2023
  - **ChatGPT is not the solution to physicians' documentation burden.** *Nature medicine*  
Preiksaitis, C., Sinsky, C. A., Rose, C.  
2023
  - **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
  - **Creating a Safe Space for Simulation: Is it Time to Stop Calling Them Confederates?** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*  
Preiksaitis, C. M., Lee, M. O., Schertzer, K.  
2022

- **Reprint of: Approach to management of penetrating neck injuries: A case of multiple self-inflicted penetrating knife wounds.** *Disease-a-month : DM*  
Liang, E., Preiksaitis, C., Wagner, A. M.  
2022: 101422
- **Identifying Social Media Competencies for Health Professionals: An International Modified Delphi Study to Determine Consensus for Curricular Design.** *Annals of emergency medicine*  
Yilmaz, Y., Chan, T. M., Thoma, B., Luc, J. G., Haas, M., Preiksaitis, C., Tran, V., Gottlieb, M.  
2022
- **Symptomatic Respiratory Virus Infection and Chronic Lung Allograft Dysfunction.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Fisher, C. E., Preiksaitis, C. M., Lease, E. D., Edelman, J., Kirby, K. A., Leisenring, W. M., Raghu, G., Boeckh, M., Limaye, A. P.  
2016; 62 (3): 313-319
- **A patient self-collection method for longitudinal monitoring of respiratory virus infection in solid organ transplant recipients.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Preiksaitis, C. M., Kuypers, J. M., Fisher, C. E., Campbell, A. P., Jerome, K. R., Huang, M. L., Boeckh, M., Limaye, A. P.  
2015; 62: 98-102
- **Correspondence on the paper by Bridevaux et al.** *Thorax*  
Preiksaitis, C. M., Limaye, A. P.  
2014; 69 (1): 82