

Alexander T. Janke, M.D. M.H.S.
Instructor in Emergency Medicine
Department of Emergency Medicine and
Institute for Healthcare Policy and Innovation
VA Ann Arbor/University of Michigan
Email: atjanke@med.umich.edu

Education and Training

Education

09/2008–12/2012 Bachelor of Science in Economics (B.S.), with Distinction, Minor in Mathematics, University of Michigan, Ann Arbor, MI
07/2013–06/2017 Medical Doctorate (M.D.)
Wayne State University School of Medicine, Detroit, MI
07/2019–06/2022 Master of Health Sciences (M.H.S.)
Yale School of Medicine, New Haven, CT

Post-Doctoral Training

07/2017–06/2021 Residency Training, Emergency Medicine, Yale-New Haven Hospital, New Haven, CT
07/2021–06/2022 Yale Emergency Scholars, Fellowship Training in Emergency Medicine Research, Department of Emergency Medicine, Yale School of Medicine, New Haven, CT
01/2022–12/2023 Quality and Administration Fellowship, American College of Emergency Physicians, Dallas, TX
07/2022–06/2024 National Clinician Scholars Program, Veterans Affairs-Ann Arbor/University of Michigan Institute for Healthcare Policy and Innovation, Ann Arbor, MI

Certification and Licensure

Certification

07/2021– American Board of Emergency Medicine, Board Eligible (certification pending completion of qualifying and oral examinations)

Licensure

12/2019– State of Connecticut, Medical License (# 64639), expires 9/30/2022
01/2020– DEA Registration (# FJ8987628), expires 12/31/2022
02/2022– State of Michigan, Medical License (# 4301506524), expires 2/22/2025

Academic, Administrative, and Clinical Appointments

Academic Appointments

07/2021–06/2022 Instructor in Emergency Medicine, Department of Emergency Medicine, Yale School of Medicine, New Haven, CT
07/2022– Instructor in Emergency Medicine, Department of Emergency Medicine, University of Michigan Medical School, Ann Arbor, MI
07/2022– Visiting Research Scientist, Department of Emergency Medicine, Yale School of Medicine, New Haven, CT

Clinical Appointments

07/2022–06/2022 Emergency Physician, Yale-New Haven Hospital, New Haven CT
09/2021–06/2022 Emergency Physician, Veterans Affairs Hospital, West Haven, CT
07/2022– Emergency Physician, Hurley Medical Center, Flint, MI
07/2022– Emergency Physician, Veterans Affairs Hospital, Ann Arbor, MI

Research Positions

04/2013–07/2013 Research Assistant, Institute for Social Research, University of Michigan, Ann Arbor, MI

Clinical Interests

- Rare, high-stakes procedures in emergency medicine
- Advanced airway management
- Electrocardiography and acute coronary syndrome

Research Interests

- Quality and value in emergency medicine
- Health policy and health services research
- Disaster and pandemic preparedness

Grants

Present and Active

07/2022–07/2024 Society for Academic Emergency Medicine Foundation, Emergency Infectious Disease and Preparedness Grant, Project Title: Impact of Acute Care System Capacity and Utilization on Mortality During COVID-19, PI: Arjun Venkatesh, M.D. M.B.A., Total costs for this project period: \$100,000, Role: Co-Investigator

07/2021–07/2022 Emergency Medicine Policy Institute, Project Title: Estimating the Reimbursement Impact of COVID-19 on Emergency Medicine, PI: Arjun Venkatesh, M.D. M.B.A., Total costs for this project period: \$56,900, Role: Co-Investigator

Previous Grants

07/2020–12/2021 Emergency Medicine Foundation/Emergency Medicine Residents Association Resident Research Grant, Project Title: Trends in Complexity and Resource Utilization of Treat-and-Release ED Visits in the U.S., 2006-2018. Mentor: Arjun Venkatesh, M.D. M.B.A, Total costs for this project period: \$10,000, Role: Principal Investigator

07/2017–07/2018 Emergency Medicine Foundation/Society for Academic Emergency Medicine Medical Student Research Grant, Project Title: Effect of State Medicaid Expansion Programs and Patient Insurance Status on Hospital Admissions Rates and Chest Pain Testing Utilization, Mentor: Phillip Levy, M.D. M.P.H., Total costs for this project period: \$6,600

Honors and Awards

National

2013 First Place, Inter-University Consortium for Political and Social Research, Undergraduate Research Paper Competition, Ann Arbor, MI

Institutional

2021 Resident Research Award, Department of Emergency Medicine, Yale School of Medicine, New Haven, CT

2013–2017 Board of Governors Merit Scholarship (four-year full tuition), Wayne State University School of Medicine, Detroit, MI

2011 University of Michigan James B. Angell Scholar, Ann Arbor, MI

Memberships in Professional Societies

2017– American College of Emergency Physicians

Committee, Organizational, and Peer-Review Service

- 2021– American College of Emergency Physicians Quality and Patient Safety
Committee, Analytic Consultant, Dallas, TX
- 2021– Reviewer, Journal of Hospital Medicine (ad hoc)

Invited Talks/Teaching

National

- 08/2022 Evolving Issues in Emergency Care Financing, Emergency Medicine
Residents Association, Presentation to the Health Policy Committee,
August 10, 2022

Institutional

- 04/2021 The Last Mild Problem: Transportation Access to COVID-19 Vaccination
Sites in Connecticut, Yale Medicine, Vaccine Outreach Working Group,
New Haven, CT
- 01/2021 Communicating about COVID-19 mRNA Vaccines: Pfizer and Moderna,
Department of Emergency Medicine Townhall, Yale School of Medicine,
New Haven, CT
- 08/2011 Areas of Countries and Benford's Law: Model of a Dynamical System
Proposed by V. Arnold, Pennsylvania State University Mathematics
Festival, University Park, PA

Bibliography

Peer-Reviewed Publications

1. Levy H, **Janke AT**, Langa KM. Health literacy and the digital divide among older Americans. J Gen Intern Med. 2015;30(3):284-289. PMID: 25387437
2. **Janke AT**, Brody AM, Overbeek DL, Bedford JC, Welch RD, Levy PD. Access to care issues and the role of EDs in the wake of the Affordable Care Act. Am J Emerg Med. 2015;33(2):181-185. PMID: 2543712
3. McNaughton CD, Self WH, Zhu Y, **Janke AT**, Storrow AB, Levy P. Incidence of Hypertension-Related Emergency Department Visits in the United States, 2006-2012. Am J Cardiol. 2015;116(11):1717-1723. PMID: 26454813
4. **Janke AT**, Overbeek DL, Kocher KE, Levy PD. Exploring the Potential of Predictive Analytics and Big Data in Emergency Care. Ann Emerg Med. 2016;67(2):227-236. PMID: 26215667

5. Levy H, **Janke AT**. Health Literacy and Access to Care. *J Health Commun.* 2016;21(1):43-50. PMID: 27043757
6. Brody A, **Janke AT**, Sharma V, Levy P. Public Health, Hypertension, and the Emergency Department. *Curr Hypertens Rep.* 2016;18(6):50. PMID: 27165429
7. **Janke AT**, McNaughton CD, Brody AM, Welch RD, Levy PD. Trends in the Incidence of Hypertensive Emergencies in US Emergency Departments From 2006 to 2013. *J Am Heart Assoc.* 2016;5:e004511. PMID: 27919932
8. Li X, Zhu D, Dong M, Zafar Nezhad M, **Janke AT**, Levy PD. SDT: A Tree Method for Detecting Patient Subgroups with Personalized Risk Factors. *AMIA Jt Summits Transl Sci Proc.* 2017;193-202. PMID: 28815129
9. Lee J, DeLaroche AM, **Janke AT**, Kannikeswaran N, Levy PD. Complex Febrile Seizures, Lumbar Puncture, and Central Nervous System Infections: A National Perspective. *Acad Emerg Med.* 2018;25(11):1242-50. PMID: 29701893
10. **Janke AT**, Ikejiani S, Mize CH. Atraumatic Splenic Hemorrhage in a Patient on Apixiban. *Am J Emerg Med.* 2020;38(5):1044.e1-1044.e2. PMID: 31932128
11. **Janke AT**, Danagoulain S, Venkatesh AK, Levy PD. Statewide Medicaid Expansion and Resource Utilization in the Emergency Department. *Am J Emerg Med.* 2020;38(12):2586-90. PMID: 31982222
12. Venkatesh AK, **Janke AT**. Emergency Physician Reimbursement: Getting Shortchanged or Shrewdly Negotiating? Editorial response to: Medicare Reimbursement to Physicians Decreased for Common Emergency Medicine Services From 2000-2020. *Ann Emerg Med.* 2020;76(5):621. PMID: 33097122
13. Venkatesh AK, **Janke AT**, Shu-Xia L, Rothenberg C, Goyal P, Terry A, Lin M. Emergency Department Utilization for Emergency Conditions During COVID-19. *Ann Emerg Med.* 2021;78(1):84-91. PMID: 33840512
14. **Janke AT**, Mei H, Rothenberg C, Becher RD, Lin Z, Venkatesh AK. Analysis of Hospital Resource Availability and COVID-19 Mortality Across the United States. *J Hosp Med.* 2021;16(4):211-14. PMID: 33496664
15. **Janke AT**, Venkatesh AK. The authors respond: the impact of COVID-19 on ED utilization, case mix and functions. *Am J Emerg Med.* 2021;43:255. PMID: 33752944
16. **Janke AT**, Jain S, Hwang U, Rosenberg M, Biese J, Schneider S, Goyal P, Venkatesh AK. Emergency Department Visits for Emergent Conditions Among Older Adults During the COVID-19 Pandemic. *J Am Geri Soc.* 2021;69(7):1713-21. PMID: 33955546

17. Venkatesh AK, **Janke AT**, Rothenberg C, Chan E, Becher RD. National trends in emergency department closures, mergers, and utilization, 2005-2015. Plos one. 2021;16(5):e0251729. PMID: 34015007
18. Venkatesh AK, **Janke AT**, Kinsman J, Rothenberg C, Goyal P, Malicki C, D'Onofrio G, Taylor RA, Hawk K. Emergency department utilization for substance use disorders and mental health conditions during COVID-19. Plos one. 2022;17(1):e0262136. PMID: 35025921
19. **Janke AT**, Gettel CJ, Haimovoch A, Kocher KE, Krumholz HM, Venkatesh AK. Changes in. Emergency Department Arrival Times for Acute Myocardial Infarction During the COVID-19 Pandemic Suggest Delays in Care Seeking. Circ Cardiovasc Qual Outcomes. 2022;15:e008402. PMID: 35105172
20. Probst MA, **Janke AT**, Haimovich AD, Venkatesh AK, Lin MP, Kocher KE, Nemnom M-J, Thiruganasambandamoorthy V. Development of a Novel Emergency Department Quality Measure to Reduce Very Low-Risk Syncope Hospitalizations. Ann Emerg Med. 2022. Article In Press.
21. Gettel CJ, Courtney DM, **Janke AT**, Rothenberg C, Mills AM, Sun W, Venkatesh AK. The 2013 to 2019 Emergency Medicine Workforce: Clinician Entry and Attrition Across the US Geography. Ann Emerg Med. 2022. Article In Press.

Abstracts and Conference Proceedings

1. **Janke AT**, Brody AM, Overbeek DL, Bedford JC, Levy PD. Emergency Department as Usual Source of Care in a Nationally Representative Sample of American Households. Ann Emerg Med. 2014;4(64):S87.
2. Brody AM, **Janke AT**, Reed B, Dawood R, Goldberg E, McNaughton C, Levy PD. Barriers to emergency physician diagnosis and treatment of asymptomatic hypertension. Acad Emerg Med. 2015;22:S398-9.
3. Brody AM, Reed B, Dawood R, **Janke AT**, Goldberg E, McNaughton C, Levy PD. Survey of emergency physician approaches to management of asymptomatic hypertension. Acad Emerg Med. 2015;22:S308-9.
4. **Janke AT**, McNaughton CD, Levy PD. Incidence and Cost of Hypertensive Emergencies in United States Emergency Departments. Ann Emerg Med. 2015;4(66):S68.
5. **Janke AT**, Bedford JC, Brody AM, Levy PD. Health Literacy and Patient Activation in an Urban Emergency Department. Acad Emerg Med. 2016;147(23).
6. **Janke AT**, Venkatesh AK. Trends in High-Intensity Billing and Visit Complexity of Treat-and-Release ED Visits in the U.S, 2006-2018. Ann Emerg Med. 2021;78(4):S47-8.

7. Gettel CJ, Courtney DM, **Janke AT**, Rothenberg C, Venkatesh AK. The 2013-2019 emergency workforce: a repeated cross-sectional analysis of clinicians entering and leaving. Society for Academic Emergency Medicine, New England Regional Meeting, oral presentation, April 2022, Worcester, MA.
8. Gettel CJ, Courtney DM, **Janke AT**, Rothenberg C, Venkatesh AK. The 2013-2019 Emergency Workforce: A Repeated Cross-Sectional Analysis of Clinicians Entering and Leaving. Society for Academic Emergency Medicine, Annual Meeting, oral presentation, May 2022, New Orleans, LA.
9. Probst MA, **Janke AT**, Haimovich AD, Venkatesh AK, Lin MP, Kocher KE, Nemnom M-J, Thiruganasambandamoorthy V. Development of a Novel Emergency Department Quality Measure to Reduce Very Low-Risk Syncope Hospitalizations. Society for Academic Emergency Medicine, Annual Meeting, oral presentation, May 2022, New Orleans, LA.

Non-Peer-Reviewed Journals and Publications

1. **Janke AT**. Malpractice Reform and the Intensive Margin of Physician Supply. Inter-University Consortium for Political and Social Research. 2013;33(3) Special Edition.
2. **Janke AT**, Venkatesh AK. Hospital-based preparedness in the post-COVID era. KevinMD. June 12, 2020. <https://www.kevinmd.com/post-author/alexander-t-janke-and-arjun-k-venkatesh>
3. Schultz BN, **Janke AT**, Venkatesh AK. Hospital Debt Collection Practices Require Urgent Reform. Health Affairs Forefront. May 2, 2022. <https://www.healthaffairs.org/doi/10.1377/forefront.20220429.408324>