



Maame Yaa A. B. Yiadom

Associate Professor of Emergency Medicine

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

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Bio

BIO

Dr. Yiadom is an Associate Professor of Emergency Medicine at Stanford University and researcher with expertise in emergency care clinical operations and timely emergency care delivery. She was first trained in health care policy in Princeton University's School of Public and International Affairs. She subsequently worked as a healthcare industry management consultant here in New York City for CSC Global Health Solutions Group, and was the Dean's Office Chief of Staff at Drexel Medical School in Philadelphia. She completed her medical education at Robert Wood Johnson Medical School, a Masters in Public Health (MPH) at Harvard with additional health policy training from Johns Hopkins. She subsequently did residency at Mass General and Brigham and Women's Hospitals' Harvard affiliated program, and completed a Masters of Science in Clinical Investigation (MSCI) at Vanderbilt University.

Dr. Yiadom is the Principal Investigator for the Stanford Emergency Care Health Services Research Data Coordinating Center (HSR-DCC). Her research focuses on applications of evidence-based medicine to optimize clinical operations to target patient pathophysiology for time-sensitive conditions. STEMI is her prototype disease. Her group's primary methodologies include clinical practice epidemiology, workflow variability analysis, and clinically applied artificial intelligence. Current work includes refining clinical process, using informatics to support evidence-based practice, and performance measurement to identify real-world care improvement opportunities. Her research is supported by the National Heart Lung and Blood Institute (NHLBI), and ED Benchmarking Alliance. She is the Founding Director of the Emergency Department Operations Study Group (EDOSG), and on the Board of Directors for the Emergency Department Benchmarking Alliance (EDBA). The lab website is: <https://yiadom-hsrdcc.com>

Her interest in population health via emergency care have extended to Haiti, Guyana and Ghana. She and her husband Ryan Van Cleave (Airforce veteran, elementary school teacher, a training pilot, and Northern California native) have 3 children.

CLINICAL FOCUS

- Emergency Medicine
- Clinical Operations
- Evidence-based clinical practice

- Time-sensitive emergency care delivery
- Health System Operations

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Emergency Medicine

PROFESSIONAL EDUCATION

- Medical Education: Rutgers Robert Wood Johnson Medical School (2007) NJ
- MPH, Harvard School of Public Health , Population Health (2007)
- Residency: Harvard Affiliated Emergency Medicine (2011) MA
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2012)
- MSCI, Vanderbilt University , Clinical Investigation (2018)

LINKS

- My Lab's Website: <https://yiadom-hsrdcc.com/>

Publications

PUBLICATIONS

- **Fallacy of Median Door-to-ECG Time: Hidden Opportunities for STEMI Screening Improvement.** *Journal of the American Heart Association*
Yiadom, M. Y., Gong, W., Patterson, B. W., Baugh, C. W., Mills, A. M., Gavin, N., Podolsky, S. R., Salazar, G., Mumma, B. E., Tanski, M., Hadley, K., Azzo, C., Dorner, et al
2022; 11 (9): e024067
- **Pragmatic clinical trial design in emergency medicine: study considerations and design types.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
Gettel, C. J., Yiadom, M. Y., Bernstein, S. L., Grudzen, C. R., Nath, B., Li, F., Hwang, U., Hess, E. P., Melnick, E. R.
2022
- **ECG to Activation: Not an Appropriate Physician Metric, but a Worthy Process Metric.** *The Journal of emergency medicine*
Berger, D. A., Yiadom, M. Y.
1800; 62 (1): 129-130
- **OPERATIONALIZING A PANDEMIC-READY, TELEMEDICINE-ENABLED DRIVE-THROUGH AND WALK-IN CORONAVIRUS DISEASE GARAGE CARE SYSTEM AS AN ALTERNATIVE CARE AREA: A NOVEL APPROACH IN PANDEMIC MANAGEMENT** *JOURNAL OF EMERGENCY NURSING*
Callagy, P., Ravi, S., Khan, S., Yiadom, M. B., McClellan, H., Snell, S., Major, T. W., Yefimova, M.
2021; 47 (5): 721-732
- **Understanding timely STEMI treatment performance: A 3-year retrospective cohort study using diagnosis-to-balloon-time and care subintervals.** *Journal of the American College of Emergency Physicians open*
Yiadom, M. Y., Olubowale, O. O., Jenkins, C. A., Miller, K. F., West, J. L., Vogus, T. J., Lehmann, C. U., Antonello, V. D., Bernard, G. R., Storrow, A. B., Lindsell, C. J., Liu, D.
2021; 2 (1): e12379
- **Comparing the Timeliness of Treatment in Younger vs. Older Patients with ST-Segment Elevation Myocardial Infarction: A Multi-Center Cohort Study.** *The Journal of emergency medicine*
Bloos, S. M., Kaur, K. n., Lang, K. n., Gavin, N. n., Mills, A. M., Baugh, C. W., Patterson, B. W., Podolsky, S. R., Salazar, G. n., Mumma, B. E., Tanski, M. n., Hadley, K. n., Roumie, et al
2021
- **Examining Parity among Black and Hispanic Resident Physicians.** *Journal of general internal medicine*
Bennett, C. L., Yiadom, M. Y., Baker, O. n., Marsh, R. H.
2021

- **Impact of a Follow-up Telephone Call Program on 30-Day Readmissions (FUTR-30): A Pragmatic Randomized Controlled Real-world Effectiveness Trial.** *Medical care*
Yiadom, M. Y., Domenico, H. J., Byrne, D. W., Hasselblad, M., Kripalani, S., Choma, N., Tucker-Marlow, S., Gatto, C. L., Wang, L., Bhatia, M. C., Morrison, J., Harrell, F. E., Hartert, et al
2020; 58 (9): 785-792
- **Managing and Measuring Emergency Department Care: Results of the Fourth Emergency Department Benchmarking Definitions Summit** *Academic Emergency Medicine*
Yiadom, M. A.
2020; 27 (7)
- **Potential impact of cardiology phone-consultation for patients risk-stratified by the HEART pathway.** *Clinical and experimental emergency medicine*
Monahan, K., Pan, M., Opara, C., Yiadom, M. Y., Munoz, D., Holmes, B. B., Stephen, D., Swiger, K. J., Collins, S. P.
2019; 6 (3): 196-203
- **Public Health Rationale for Investments in Emergency Medicine in Developing Countries - Ghana as a Case Study.** *The Journal of emergency medicine*
Yiadom, M. Y., McWade, C. M., Awoonor-Williams, K., Appiah-Denkyira, E., Moresky, R. T.
2018; 55 (4): 537-543
- **Measuring outcome differences associated with STEMI screening and diagnostic performance: a multicentred retrospective cohort study protocol.** *BMJ open*
Yiadom, M. Y., Mumma, B. E., Baugh, C. W., Patterson, B. W., Mills, A. M., Salazar, G., Tanski, M., Jenkins, C. A., Vogus, T. J., Miller, K. F., Jackson, B. E., Lehmann, C. U., Dorner, et al
2018; 8 (5): e022453
- **Randomised controlled pragmatic clinical trial evaluating the effectiveness of a discharge follow-up phone call on 30-day hospital readmissions: balancing pragmatic and explanatory design considerations.** *BMJ open*
Yiadom, M. Y., Domenico, H., Byrne, D., Hasselblad, M. M., Gatto, C. L., Kripalani, S., Choma, N., Tucker, S., Wang, L., Bhatia, M. C., Morrison, J., Harrell, F. E., Hartert, et al
2018; 8 (2): e019600
- **Measuring Emergency Department Acuity.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
Yiadom, M. Y., Baugh, C. W., Barrett, T. W., Liu, X., Storrow, A. B., Vogus, T. J., Tiwari, V., Slovis, C. M., Russ, S., Liu, D.
2018; 25 (1): 65-75
- **Acute Coronary Syndrome Screening and Diagnostic Practice Variation.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
Yiadom, M. Y., Liu, X., McWade, C. M., Liu, D., Storrow, A. B.
2017; 24 (6): 701-709
- **Performance of Emergency Department Screening Criteria for an Early ECG to Identify ST-Segment Elevation Myocardial Infarction.** *Journal of the American Heart Association*
Yiadom, M. Y., Baugh, C. W., McWade, C. M., Liu, X., Song, K. J., Patterson, B. W., Jenkins, C. A., Tanski, M., Mills, A. M., Salazar, G., Wang, T. J., Dittus, R. S., Liu, et al
2017; 6 (3)
- **Documentation of HEART score discordance between emergency physician and cardiologist evaluations of ED patients with chest pain.** *The American journal of emergency medicine*
Wu, W. K., Yiadom, M. Y., Collins, S. P., Self, W. H., Monahan, K.
2017; 35 (1): 132-135
- **Implementing Data Definition Consistency for Emergency Department Operations Benchmarking and Research.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
Yiadom, M. Y., Scheulen, J., McWade, C. M., Augustine, J. J.
2016; 23 (7): 796-802
- **Diagnostic Utility of Neuregulin for Acute Coronary Syndrome.** *Disease markers*
Yiadom, M. Y., Greenberg, J., Smith, H. M., Sawyer, D. B., Liu, D., Carlise, J., Tortora, L., Storrow, A. B.
2016; 2016: 8025271
- **Consensus statement on advancing research in emergency department operations and its impact on patient care.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*

Yiadom, M. Y., Ward, M. J., Chang, A. M., Pines, J. M., Jouriles, N., Yealy, D. M.
2015; 22 (6): 757-64

● **Diagnostic implications of an elevated troponin in the emergency department.** *Disease markers*

Yiadom, M. Y., Jarolim, P., Jenkins, C., Melanson, S. E., Conrad, M., Kosowsky, J. M.
2015; 2015: 157812