Stanford



Christopher Bennett

Assistant Professor of Emergency Medicine (Adult Clinical/Academic)

CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Jaime Quiñonez - Research Administrator
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Bio

BIO

I am an emergency physician and researcher at Stanford. I am faculty in the Department of Emergency Medicine, the Stanford Institute for Human-Centered AI (HAI), the Center for AI in Medicine & Imaging (AIMI), and the Center for Digital Health (CDH). My research group focuses on using data to guide policy and improve patient outcomes.

CLINICAL FOCUS

- Emergency Medicine
- Health Policy
- Digital Health
- Epidemiology
- Health Services Research

ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Emergency Medicine
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Study Section Reviewer (ad hoc), Emergency Medicine Foundation (2026 - present)
- Study Section Reviewer (ad hoc), NIH Social and Community Influences Across the Lifecourse (SCIL) (2024 - present)
- Study Section Reviewer (ad hoc), NIH HIV/AIDS Intra- & Inter-personal Determinants & Behavioral Interventions (HIBI) (2024 - present)
- Fellow, The American College of Emergency Physicians (2023 - present)
- Fellow, The American Academy of Emergency Medicine (2022 - present)
- Board of Trustees, Society for Academic Emergency Medicine Foundation (2021 - 2023)
- Member, Committee on Publications, New England Journal of Medicine & Massachusetts Medical Society (2019 - 2020)

- Board of Directors, Society for Academic Emergency Medicine (2018 - 2019)

PROFESSIONAL EDUCATION

- Graduate Degree, Stanford University , Epidemiology (2022)
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2021)
- Residency: Harvard Medical School (2020) MA
- Internship, Harvard Medical School , Emergency Medicine (2017)
- Medical Education: University of North Carolina School of Medicine (2016) NC
- Graduate Degree, Duke University , Genetics and Genomics (2011)

LINKS

- The Bennett Lab: https://med.stanford.edu/bennettlab.html

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Jannely Villarreal

Publications

PUBLICATIONS

- **Private Equity, Program Structure, and the Limits of Board Pass Rates.** *JAMA network open*
  Das, I., Bennett, C. L.
  2026; 9 (11): e2643029
- **Emergency Medicine Residency Characteristics and ABEM Board Examination Performance: A Program-Level Analysis** *ANNALS OF EMERGENCY MEDICINE*
  Das, I., Bennett, C. L.
  2026; 88 (2): 248-250
- **Perspectives on Attrition Among Emergency Physicians.** *JAMA network open*
  Hua, S., Mahmoud-Werthmann, S., Tapper, A., Nawy, R., Phan, C., Agrawal, P., Bennett, C. L., Cooper, R. J., Lall, M. D., Lee, M. O., Sethuraman, K., Lin, M. P.
  2026; 9 (6): e2616511
- **Emergency Medicine Residency Characteristics and ABEM Board Examination Performance: A Program-Level Analysis.** *Annals of emergency medicine*
  Das, I. G., Bennett, C. L.
  2026
- **Flush with data: harnessing emergency department wastewater as an innovative approach for surveillance of infectious diseases.** *American journal of epidemiology*
  Renfro, Z. T., Zulli, A., Parsonnet, J., Boehm, A., Bennett, C. L.
  2026
- **Targeting Where the Burden is: Evaluating California's Emergency Department Screening Program Against Human Immunodeficiency Virus Epidemic Priorities.** *The Journal of emergency medicine*
  Das, I. G., Yin, E., Bennett, C. L.
  2026; 83: 27-34
- **Pilot ED Wastewater Surveillance During the 2024-2025 Respiratory Virus Season.** *JAMA network open*
  Renfro, Z., Zulli, A., Levy, V., Nawy, R., Mercado, A., Jong, S., Salinas, J. L., Eastwood, H., Below, C., Boehm, A. B., Parsonnet, J., Bennett, C. L.

2026; 9 (1): e2555023

- **Career Plans Among Graduating US Emergency Medicine Residents.** *JAMA network open*
  Lu, D. W., Gu, B., Courtney, D. M., Kane, B. G., Lall, M. D., Gottlieb, M., Calderon, Y., Bennett, C.
  2026; 9 (1): e2555376
- **Barriers and mitigating strategies to routine HIV screening in emergency departments: A national qualitative study** *HIV MEDICINE*
  Sebok-syer, S. S., Tapper, A. R., Pasao, M. A., Nawy, R. N., Cosman, S., Bennett, C. L.
  2025
- **Emergency Medicine Training in Transition: An Analysis of Program Length and Ownership Models.** *Annals of emergency medicine*
  Das, I. G., Bennett, C. L.
  2025
- **Development of a Quality Measure to Improve HIV and Syphilis Screening in the Emergency Department: A Modified Delphi Approach** *JOURNAL OF THE AMERICAN COLLEGE OF EMERGENCY PHYSICIANS OPEN*
  Rehman, T., Bennett, C., Duber, H. C., Lyons, M. S., Phelan, M. P., Solnick, R. E., Stanford, K. A., Weathers, E., Venkatesh, A. K., Lin, M. P.
  2025; 6 (4)
- **Development of a Quality Measure to Improve HIV and Syphilis Screening in the Emergency Department: A Modified Delphi Approach.** *Journal of the American College of Emergency Physicians open*
  Rehman, T., Bennett, C., Duber, H. C., Lyons, M. S., Phelan, M. P., Solnick, R. E., Stanford, K. A., Weathers, E., Venkatesh, A. K., Lin, M. P.
  2025; 6 (4): 100203
- **Differences in emergency department visit characteristics and resource utilization for persons with human immunodeficiency virus, 2018-2019 compared with 2009-2010.** *BMC emergency medicine*
  Siddiqi, K. A., Alzahrani, A., Olatosi, B. A., Ding, D. D., Bennett, C. L.
  2025; 25 (1): 103
- **The Beginnings of an Emergency Medicine Investigator Pipeline.** *Annals of emergency medicine*
  Lebold, K. M., Bennett, C. L., Raymond-King, C.
  2025
- **Estimated Impact of HIV Testing on Length of Stay at Visits to United States Emergency Departments, 2018-2021.** *Journal of acquired immune deficiency syndromes (1999)*
  Kuglen, B., Clay, C., Boothroyd, D., Bennett, C. L.
  2024
- **HIV Screening in a Sample of US Emergency Departments, 2022-2023.** *Public health reports (Washington, D.C. : 1974)*
  Bennett, C. L., Clay, C. E., Espinola, J. A., Camargo, C. A.
  2024: 333549241288374
- **Preventive Health Services Offered in a Sampling of US Emergency Departments, 2022-2023.** *The western journal of emergency medicine*
  Bennett, C. L., Kit Delgado, M., Pasao, M., Espinola, J. A., Boggs, K. M., Camargo, C. A.
  2024; 25 (5): 823-827
- **Association Between Social Vulnerability and US HIV Priority Jurisdictions.** *Journal of acquired immune deficiency syndromes (1999)*
  Bennett, C. L., Saxena, M., Boothroyd, D., Mahmoud-Werthmann, S., Lin, M. P.
  2024; 96 (2): e4-e6
- **Hepatitis screening in a sampling of US emergency departments, 2022-2023.** *Sexually transmitted infections*
  Bennett, C. L., Clay, C., Delgado, M. K., Espinola, J. A., Camargo, C. A.
  2024
- **Estimating the size and scope of the academic emergency physician workforce.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Gettel, C. J., Camargo, C. A., Bennett, C. L., Courtney, D. M., Kaji, A. H., Fermann, G. J., Gallahue, F. E., Nelson, L. S., Hebbard, C. F., Rothenberg, C., Raja, A. S., Venkatesh, A. K.
  2024
- **HIV testing at visits to US emergency departments: 2021 update.** *Sexually transmitted infections*

Clay, C., Kuglen, B. C., Bennett, C. L.
2024

- **Challenges surrounding the emergency physician workforce and their impact on the Emergency Medicine Match.** *Clinical and experimental emergency medicine*
  Bennett, C. L., Lin, M., Camargo, C. A.
  2023

- **Comparison of US emergency departments by HIV priority jurisdiction designation: A case for geographically targeted screening in teaching hospitals.** *PloS one*
  Bennett, C. L., Detsky, A. S., Clay, C. E., Espinola, J. A., Parsonnet, J., Camargo, C. A.
  2023; 18 (10): e0292869

- **Estimates of HIV testing at Visits to U.S. emergency departments, 2014-2020.** *AIDS (London, England)*
  Clay, C. E., Hoover, K. W., Le Guen, Y., Bennett, C. L.
  2023

- **Unfilled in emergency medicine: An analysis of the 2022 and 2023 Match by program accreditation, ownership, and geography.** *AEM education and training*
  Gettel, C. J., Bennett, C. L., Rothenberg, C., Smith, J. L., Goldflam, K., Sun, W. W., Venkatesh, A. K.
  2023; 7 (4): e10902

- **Attrition From the US Emergency Medicine Workforce During Early Stages of the COVID-19 Pandemic.** *Annals of emergency medicine*
  Gettel, C. J., Courtney, D. M., Bennett, C. L., Keim, S. M., Camargo, C. A., Venkatesh, A. K.
  2023

- **Membership in the Council of Teaching Hospitals and Health Systems Among Emergency Medicine Residency Program-Sponsoring Institutions, 2001-2020.** *JAMA network open*
  Bennett, C. L., Boggs, K. M., Gettel, C. J., Sun, W. W., Venkatesh, A. K., Camargo, C. A.
  2023; 6 (5): e2312457

- **Trends of Academic Faculty Identifying as Hispanic at US Medical Schools, 1990-2021.** *Journal of graduate medical education*
  Saxena, M. R., Ling, A. Y., Carrillo, E., Alvarez, A., Yiadom, M. Y., Bennett, C. L., Gallegos, M.
  2023; 15 (2): 175-179

- **Characteristics of California Emergency Departments in Centers for Disease Control and Prevention-Designated HIV Priority Counties.** *The Journal of emergency medicine*
  Bennett, C. L., Clay, C. E., Siddiqi, K. A., Olatosi, B. A., Parsonnet, J., Camargo, J. C.
  2023

- **Attrition From Emergency Medicine Clinical Practice in the United States, 2020.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Bennett, C. L., Espinola, J. A., Ginde, A. A., Camargo, C. A.
  2022

- **Trends in female first-author abstracts at the Society for Academic Emergency Medicine Annual Meeting, 1990-2020.** *The American journal of emergency medicine*
  Cash, R. E., Bennett, C. L., Boggs, K. M., Samuels-Kalow, M. E., Saxena, M., Pasao, M., Raja, A. S., Camargo, C. A.
  2022; 63: 22-28

- **Three decades of demographic trends among academic emergency physicians.** *Journal of the American College of Emergency Physicians open*
  Cleveland Manchanda, E. C., Ling, A. Y., Bottcher, J. L., Marsh, R. H., Brown, D. F., Bennett, C. L., Yiadom, M. Y.
  2022; 3 (4): e12781

- **Journal update monthly top five.** *Emergency medicine journal : EMJ*
  Saxena, M., Altamirano, J., Rose, C., Bennett, C., Govindarajan, P., Lumba-Brown, A., Hirst, R.
  2022; 39 (7): 561-562

- **How we compare: Society for Academic Emergency Medicine faculty membership demographics** *AEM EDUCATION AND TRAINING*
  Bennett, C. L., Ling, A. Y., Agrawal, P., Pierce, A., Pasao, M. A., Ray, D., Manchanda, E.

2022; 6: S93-S96

- **United States 2020 Emergency Medicine Resident Workforce Analysis.** *Annals of emergency medicine*
  Bennett, C. L., Clay, C. E., Espinola, J. A., Krzyzaniak, S. M., Egan, D. J., Camargo, C. A.
  2022
- **External validation of the 4C Mortality Score for hospitalised patients with COVID-19 in the RECOVER network.** *BMJ open*
  Gordon, A. J., Govindarajan, P., Bennett, C. L., Matheson, L., Kohn, M. A., Camargo, C., Kline, J.
  2022; 12 (4): e054700
- **HIV Testing at Visits to United States Emergency Departments, 2018.** *Journal of acquired immune deficiency syndromes (1999)*
  Clay, C. E., Ling, A., Bennett, C. L.
  2022
- **Evaluation of Three Commercial and Two Non-Commercial Immunoassays for the Detection of Prior Infection to SARS-CoV-2.** *The journal of applied laboratory medicine*
  Nilles, E. J., Karlson, E. W., Norman, M., Gilboa, T., Fischinger, S., Atyeo, C., Zhou, G., Bennett, C. L., Tolan, N. V., Oganezova, K., Walt, D. R., Alter, G., Simmons, et al
  2021; 6 (6): 1561-1570
- **Multi-Center Study of Outcomes Among Persons with HIV who Presented to US Emergency Departments with suspected SARS-CoV-2.** *Journal of acquired immune deficiency syndromes (1999)*
  Bennett, C. L., Ogele, E., Pettit, N. R., Bischof, J. J., Meng, T., Govindarajan, P., Camargo, C. A., Nordenholz, K., Kline, J. A., RECOVER Investigators
  2021
- **Evaluation of the 2020 Pediatric Emergency Physician Workforce in the US.** *JAMA network open*
  Bennett, C. L., Espinola, J. A., Sullivan, A. F., Boggs, K. M., Clay, C. E., Lee, M. O., Samuels-Kalow, M. E., Camargo, C. A.
  2021; 4 (5): e2110084
- **Clinical prediction rule for SARS-CoV-2 infection from 116 U.S. emergency departments 2-22-2021.** *PloS one*
  Kline, J. A., Camargo, C. A., Courtney, D. M., Kabrhel, C., Nordenholz, K. E., Aufderheide, T., Baugh, J. J., Beiser, D. G., Bennett, C. L., Bledsoe, J., Castillo, E., Chisolm-Straker, M., Goldberg, et al
  2021; 16 (3): e0248438
- **Proportions of Faculty Self-identifying as Black or African American at US Medical Schools, 1990-2020.** *JAMA*
  Bennett, C. L., Ling, A. Y.
  2021; 326 (7): 671-672
- **Female emergency physician workforce in the United States, 2020.** *The American journal of emergency medicine*
  Bennett, C. L., Espinola, J. A., Sullivan, A. F., Clay, C. E., Samuels-Kalow, M. E., Camargo, C. A.
  2021
- **National Study on the Contribution of Family Physicians to the US Emergency Physician Workforce in 2020.** *Journal of the American Board of Family Medicine : JABFM*
  Bennett, C. L., Gerard, W. A., Cullen, J. S., Espinola, J. A., Sullivan, A. F., Clay, C. E., Camargo, C. A.
  2021; 34 (6): 1221-1228
- **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
- **Factors Associated with Lack of HIV Testing among Latino Immigrant and Black Patients at 4 Geographically and Demographically Diverse Emergency Departments.** *Journal of the International Association of Providers of AIDS Care*
  Bennett, C. L., Marks, S. J., Liu, T., Clark, M. A., Carey, M. P., Merchant, R. C.
  2020; 19: 2325958220970827
- **Two decades of little change: An analysis of U.S. medical school basic science faculty by sex, race/ethnicity, and academic rank.** *PloS one*
  Bennett, C. L., Salinas, R. Y., Locascio, J. J., Boyer, E. W.
  2020; 15 (7): e0235190

- **The Gender Gap in Surgical Residencies.** *JAMA surgery*
  Bennett, C. L., Baker, O., Rangel, E. L., Marsh, R. H.
  2020
- **COVID-19: A Resident's Perspective** *AEM Education and Training*
  Bennett, C.
  2020; 4 (3): 183-184
- **Factors Associated with the Discordance between Perception of Being HIV Infected and HIV Sexual Risk Taking among Social Media-Using Black, Hispanic, and White Young Men Who Have Sex with Men.** *Journal of the International Association of Providers of AIDS Care*
  Bennett, C. L., Marks, S. J., Rosenberger, J. G., Bauermeister, J. A., Clark, M. A., Liu, T., Mayer, K. H., Merchant, R. C.
  2020; 19: 2325958220919260
- **Supply and Demand of Emergency Medicine Board-certified Emergency Physicians by U.S. State, 2017.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Clay, C. E., Sullivan, A. F., Bennett, C. L., Boggs, K. M., Espinola, J. A., Camargo, C. A.
  2020
- **National Study of the Emergency Physician Workforce, 2020.** *Annals of emergency medicine*
  Bennett, C. L., Sullivan, A. F., Ginde, A. A., Rogers, J. n., Espinola, J. A., Clay, C. E., Camargo, C. A.
  2020
- **In Reply.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Bennett, C. L., Raja, A. S., Kass, D., Gross, N., Mills, A. M.
  2019; 26 (11): 1303
- **Gender Differences in Faculty Rank Among Academic Emergency Physicians in the United States.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Bennett, C. L., Raja, A. S., Kapoor, N., Kass, D., Blumenthal, D. M., Gross, N., Mills, A. M.
  2019; 26 (3): 281-285
- **Changes in Sex, Race, and Ethnic Origin of Emergency Medicine Resident Physicians From 2007 to 2017.** *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*
  Bennett, C. L., McDonald, D. A., Hurwitz, S., Zheng, H., Nadel, E., Ranney, M. L.
  2019; 26 (3): 331-334
- **Annals Graphic Medicine - #ThisIsOurLane.** *Annals of internal medicine*
  Bennett, C. L.
  2019; 170 (4): W78-W79
- **ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm.** *Nature genetics*
  Gould, R. A., Aziz, H., Woods, C. E., Seman-Senderos, M. A., Sparks, E., Preuss, C., Wünnemann, F., Bedja, D., Moats, C. R., McClymont, S. A., Rose, R., Sobreira, N., Ling, et al
  2019; 51 (1): 42-50
- **Association of the 2003 and 2011 ACGME Resident Duty Hour Reforms With Internal Medicine Initial Certification Examination Performance.** *Journal of graduate medical education*
  Bennett, C. L., McDonald, D. A., Dorner, S. C., Nadel, E. S., McDonald, F. S., McPherson, J. A.
  2017; 9 (6): 789-790
- **A National Cross-Sectional Study of Surgery Residents Who Underreport Duty Hours.** *Journal of surgical education*
  Bennett, C. L., McDonald, D. A., Chang, Y., Finch, A., Vuong, K., Rennie, S., Nadel, E. S.
  2017; 74 (6): 928-933
- **Adult male with diffuse neck masses** *Visual Journal of Emergency Medicine*
  Bennett, C. L., Hayden, E. M.
  2017; 8
- **White (Coat) Lies: Bending the Truth to Stay Faithful to Patients.** *The American journal of bioethics : AJOB*
  Bennett, C., Finch, A., Rennie, S.

2016; 16 (9): 15-7

- **Surgical Resident Duty Hours.** *The New England journal of medicine*
  Bennett, C. L., Finch, A., Vuong, K., McDonald, D., Rennie, S.
  2016; 374 (24): 2399-401
- **Massive hemoptysis in Loeys-Dietz syndrome.** *American journal of medical genetics. Part A*
  Bennett, C. L., Aziz, H., Sparks, E., Shah, T., Yoder, M., MacCarrick, G., Dietz, H. C.
  2016; 170 (3): 725-7
- **A 15-Year-Old Male with Enlarging "Breast Lump"** *Visual Journal of Emergency Medicine*
  Bennett, C., Singh, S., Lobo, V.
  2016; 3
- **Kaposi's Sarcoma-Associated Herpesvirus Viral Interferon Regulatory Factor 1 Interacts with a Member of the Interferon-Stimulated Gene 15 Pathway.** *Journal of virology*
  Jacobs, S. R., Stopford, C. M., West, J. A., Bennett, C. L., Giffin, L., Damania, B.
  2015; 89 (22): 11572-83
- **The viral interferon regulatory factors of kaposi's sarcoma-associated herpesvirus differ in their inhibition of interferon activation mediated by toll-like receptor 3.** *Journal of virology*
  Jacobs, S. R., Gregory, S. M., West, J. A., Wollish, A. C., Bennett, C. L., Blackbourn, D. J., Heise, M. T., Damania, B.
  2013; 87 (2): 798-806
- **A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition.** *Nature genetics*
  Garcia-Gonzalo, F. R., Corbit, K. C., Sirerol-Piquer, M. S., Ramaswami, G., Otto, E. A., Noriega, T. R., Seol, A. D., Robinson, J. F., Bennett, C. L., Josifova, D. J., García-Verdugo, J. M., Katsanis, N., Hildebrandt, et al
  2011; 43 (8): 776-84
- **KIF7 mutations cause fetal hydrolethalus and acrocallosal syndromes.** *Nature genetics*
  Putoux, A., Thomas, S., Coene, K. L., Davis, E. E., Alanay, Y., Ogur, G., Uz, E., Buzas, D., Gomes, C., Patrier, S., Bennett, C. L., Elkhartoufi, N., Frison, et al
  2011; 43 (6): 601-6