CURRICULUM VITAE

Name: Leah H. Harvey, MD, MPH **Business Address:** The Miriam Hospital 164 Summit Avenue Providence, RI 02906 **Telephone:** 401-793-4770 Fax: 401-793-4779 E-mail: LHarvey@Lifespan.org **Education:** Undergraduate: Johns Hopkins University, Baltimore, MD BA, Public Health Studies, 2008 Distinction in Biomedical Sciences Graduate: Johns Hopkins Bloomberg School of Public Health, Baltimore, MD MPH, Infectious Disease Epidemiology, 2011 Certificate in Humanitarian Assistance Medical School: Michigan State University College of Human Medicine, Grand Rapids, MI MD, 2016 **Postgraduate Training:** Internship and Residency: Boston Medical Center, Boston, MA Internal Medicine, Primary Care Track, HIV Pathway. 2016 - 2019 Fellowship: Boston Medical Center, Boston, MA Combined Infectious Diseases and Addiction Medicine. 2019 - 2021 Research Training: Boston University Clinical HIV/AIDS Research Training Program. National Institute of Allergy and Infectious

Diseases: T32 Clinical Research Training

PI: Benjamin Linas, MD, MPH. 2021 - 2023

Grant (NIAID T32 AI052074)

Postgraduate Honors and Awards:

2014	Women in Medicine Scholarship	Michigan State School of Medicine
2016	Excellence in Public Health Award	United States Public Health Service
2017	John Noble Scholarship	Boston University School of Medicine
2018	Education and Training Award	Committee of Interns and Residents (CIR/SEIU)
2018	Resident Lecturer of the Year, Bite-Size Teaching	Boston Medical Center, Internal Residency Program
2019	Fellow Immersion Training in Addiction Medicine	National Institute on Drug Abuse (NIDA R25DA013582)
2020	Research in Addiction Medicine Scholar	National Institute on Drug Abuse (NIDA R25DA033211)
2021	Infectious Disease Week Trainee Award	Infectious Diseases Society of America
2023	Criminal Justice Research Scholar	Lifespan/Brown Criminal Justice Research Training Program (NIDA R25DA037190)
2023	Travel Awards	Center for AIDS Research; Inter-CFAR Substance Use Research Community
2023	Advance-K Scholar	Advance Rhode Island Clinical & Translational Research Institute
2023	HIV Implementation Science Fellow	Center for AIDS Research at Johns Hopkins University

Professional Licenses and Board Certifications:

2019	Internal Medicine Board Certification, American Board of Internal Medicine.
2022	Infectious Disease Board Certification, American Board of Internal Medicine
2023	Addiction Medicine Board Certification, American Board of Preventive Medicine

Academic Appointments:

2020 - 2022	Clinical Instructor	Avedisian School of Medicine, Boston,
2020 - 2022		MA
2023 - present	Assistant Professor, Division of Infectious Diseases	Warren Alpert School of Medicine at Brown University, Providence, RI

Hospital Appointments:

2021 - 2023	Attending Physician, Division of General Internal Medicine	Boston University Chobanian & Avedisian School of Medicine, Boston, MA
2021 - 2023	Attending Physician, Division of Infectious Diseases	Boston University Chobanian & Avedisian School of Medicine, Boston, MA
2022 – 2023	Interim Medical Director, Roundhouse Clinic	Boston Medical Center and Grayken Center for Addiction Medicine, Boston, MA
2023 - present	Attending Physician Division of Infectious Diseases	Warren Alpert School of Medicine at Brown University, Providence, RI
2023 – present	Staff Physician Street Medicine Outreach Team	Lifespan/Brown Physicians Group Providence, RI

Other Appointments:

2019 - 2021	Editorial Intern	Alcohol, Other Drugs, and Health
2019	Reviewer, Meeting Abstracts	Society of General Internal Medicine
2020 - present	Ad Hoc Manuscript Reviewer	Clinical Infectious Diseases Open Forum Infectious Diseases Journal of Addiction Medicine Drug and Alcohol Dependence Journal of Substance Abuse Treatment Addiction Science and Clinical Practice Journal of General Internal Medicine Substance Use and Misuse Harm Reduction Journal

Committee Experience:

2017 - 2019	Residency Leadership Committee, Boston Medical Center Internal
	Medicine Residency
2018 - 2019	Primary Care Track Advocacy Committee, Boston Medical Center
	Internal Medicine Residency

2020 - 2022	Applicant Selection Committee, Boston Medical Center Internal
	Medicine Residency
2020 - 2023	Applicant Selection Committee, Boston Medical Center Grayken
	Fellowship in Addiction Medicine
2020 - 2023	Racial Justice Working Group, Section of Infectious Disease,
	Boston Medical Center

Membership in Societies:

- American Medical Association, 2016 present
- Massachusetts Medical Society, 2016 2023
- Massachusetts Infectious Disease Society, 2019 2023
- American Society of Addiction Medicine, 2019 present
- American College of Academic Addiction Medicine, 2020 present
- Infectious Disease Society of America, 2020 present
- College on Problems of Drug Dependence, 2020 present

Publications:

Original Publications in Peer Reviewed Journals:

- 1. Haukoos J, Mehta S, **Harvey L**, Calderon Y, Rothman RE. Research Priorities for HIV & STI Surveillance, Screening, & Intervention in EDs: Consensus-based recommendations. *Academic Emergency Medicine*. 2009 Nov; 16(11): 1096 -102. PMID: 20053228
- 2. Rothman RE, Hsieh YH, **Harvey L**, Connell S, Lindsell CJ, Haukoos J, White DA, Kecojevic A, Lyons M. 2009 US Emergency Department HIV Testing Practices. *Annals of Emergency Medicine*. 2011 Jul;58 Suppl 1:S3-S9.e4. PMID: 21684405
- 3. Gaydos C, Hsieh YH, **Harvey L**, Burah A, Won H, Jett-Goheen M, Barnes M, Agreda P, Arora N, Rothman RE. Will patients 'opt-in' to perform their own rapid HIV test in the emergency department? *Annals of Emergency Medicine*. 2011 Jul;58 Suppl 1:S74-8. PMID: 21684413
- 4. Rothman RE, Kelen GD, Harvey L, Shahan J, Burah A, Hairston H, Moring-Paris D, Hsieh YH. Factors associated with subsequent linkage to care in newly diagnosed HIV-1 infected patients identified by emergency department (ED)-based HIV screening programs in two urban EDs. *Academic Emergency Medicine*. 2012 May;19(5):497-503. PMID: 22594352
- 5. Ouellette L, Cook A, Michel K, **Harvey L**, Sutliffe C, Chassee T, Jones JS. Suicidal Ideation in the Elderly: Psychosocial Risk Factors and Precipitants. *American Journal of Emergency Medicine*. 2019 Sep;37(9):1798-1799. PMID: 30878408

- Harvey L, Taylor JL, Assoumou SA, Kehoe J, Schechter-Perkins E, Bernstein E, Walley, A. Sexually Transmitted and Blood-borne Infections among Patients Presenting to a Lowbarrier Substance Use Disorder Medication Clinic. *Journal of Addiction Medicine*. November/December 2021; 15(6): 461-467. PMID: 34734572
- 7. **Harvey L**, Boudreau J, Sliwinski S, Strymish J, Gifford A, Hyde J, Linsenmeyer K, Branch-Elliman W. Six Moments of Infection Prevention in Injection Drug Use: An Educational Toolkit for Clinicians. *Open Forum Infectious Diseases*. 2022 Jan 6;9(2):ofab631. PMID: 35097153
- 8. Khan GK, **Harvey L**, Johnson S, Long P, Kimmel S, Pierre C, Drainoni ML. Integration of a community-based harm reduction program into a safety net hospital: a qualitative study. *Harm Reduction Journal*. 2022 Apr 12;19(1):35. PMID: 35414072
- 9. **Harvey L**, Kimmel S, Edelman EJ. Meeting the Moment: More ID Physicians Must Be Prepared to Provide Buprenorphine. *Clinical Infectious Diseases*. Apr 3;76(7):1205-1208. PMID: 36695340.
- 10. **Harvey L**, Sliwinski S, Filke K, Boudreau J, Gifford A, Branch-Elliman W, Hyde J. The integration of harm reduction services in the Veterans Health Administration (VHA): a qualitative analysis of barriers and facilitators. *J Addict Dis.* 2023 May 8;:1-9. doi: 10.1080/10550887.2023.2210021. [Epub ahead of print] PubMed PMID: 37154222.
- 11. **Harvey L**, Rybak N, Rich J. The Urgent Need for Opioid Agonist Treatment in Russia. *Lancet HIV*. 2023 Sep;10(9):e559-e560. doi: 10.1016/S2352-3018(23)00177-7. PMID: 37659840.
- 12. **Harvey L**, Green TC, Park JN, Rich JR. Xylazine in the Drug Supply: A Research Agenda. *International Journal of Drug Policy*. 2023 Sep 12;120:104190. doi: 10.1016/j.drugpo.2023.104190. Epub ahead of print. PMID: 37708584.
- 13. **Harvey L**, Branch-Elliman W, Boudreau J, Sliwinski S, Gifford A, Ho MQ, Dinges E, Hyde J. Harm Reduction Stories: Leveraging Graphic Medicine to Engage Veterans in Substance Use Services within the VA. *Harm Reduction Journal*. 2023 Dec 6;20(1):177. doi: 10.1186/s12954-023-00886-8. PMID: 38057789

Book Chapters:

1. **Harvey L**, Khan GK. Ch. 1: Core Concepts and Neurobiology Primer. *Pocket Addiction Medicine: The Massachusetts General Hospital Handbook of Internal Medicine*. Edited by Wakeman S, Lee J, Alvanzo A. (2022)

Other Non-Peer Reviewed Publications:

1. **Harvey L**, Patel K, Sheikh M, Rich C, Seigel J. Residents Lead the Charge Advocating for Immigrant Patients. *Society for General Internal Medicine Forum*. 2019 Apr; 42(4): 4-5

<u>Professional Organization Scientific Statements:</u>

 Harvey L, Nelson C, Mintz E, Breiman R, deQuadros C. Situational Analysis of Enteric Fever Outbreaks in Zimbabwe, Zambia, and Democratic Republic of Congo, October, 2011

 March 2012. World Health Organization, Humanitarian Health Action Crisis Centre.
 WHO Health Action in Crisis Annual Report. 2011

Abstracts and Poster Presentations:

- 1. Hsieh YH, **Harvey L**, Burah A, Rothman RE. Rapid HIV testing programs in urban emergency departments- comparison of results from inner city and urban sites in Baltimore, Maryland. HIV Diagnostics Conference. March 2010
- 2. **Harvey L**, Rothman RE, Shahan J, Burah A, Hairston H, Moring-Paris D, Kelen GD, Hsieh YH. Factors associated with subsequent linkage to care in newly diagnosed HIV-1 infected patients identified by emergency department (ED)-based HIV screening programs in two urban EDs. Society of Academic Emergency Medicine Annual Meeting. June 2010
- 3. **Harvey L**, Kothari A. Novel Surveillance System Demonstrates Burden of Enteric Fever in India. Asian Pacific Congress of Pediatrics. November 2012
- 4. Qadri F, **Harvey L**, Nelson C. Community-Level Strategies for the Prevention of Childhood Typhoid Fever. Asian Congress of Pediatric Infectious Disease. November 2012
- 5. **Harvey L**, Kazic V, Macguidwin E, Subramanian J. Underlying Meningovascular Syphilis in Acute, Recurrent Ischemic Stroke. Grand Rapids Medical Education Partners Research Day. April 2015
- 6. **Harvey L**, Kazic V, Subramanian J. MRSA Meningitis in an Immunocompromised patient. Grand Rapids Medical Education Partners Research Day. April 2015
- 7. **Harvey L**, Ohm J, Zullow S, Schembri F. When the Rules Don't Apply: Anticoagulation in Patients with Infective Endocarditis and Embolic Stroke. Society of General Internal Medicine, National Meeting, April 2017, and Society of General Internal Medicine, Regional Meeting. March 2017
- 8. Cook A, **Harvey L**, Michel K, Chassee T, Jones J. Suicidal Ideation in the Elderly: Psychosocial Risk Factors and Precipitants. Society of Academic Emergency Medicine Annual Meeting. May 2018

- 9. **Harvey, L**; Taylor, JL; Assoumou, S; Kehoe, J; Perera, R; Perkins, E; Bernstein, E; Walley, A. Proportion of Sexually Transmitted and Blood-Borne Infections among Patients Presenting to a Low- Barrier Substance Use Disorder Medication Clinic. [Oral Abstract]. Association for Medical Education and Research in Substance Abuse Annual Meeting. November 2018
- 10. Harvey L, Bradford D, Chen G, Zhang D, Madhusudhan D, Jawa R. Automated Overdose Prevention: A Quality Improvement Innovation for Naloxone Prescription at Discharge. Association for Medical Education and Research in Substance Abuse Annual Meeting. November 2018
- 11. **Harvey L**, Abdulkerim H, Boudreau J, Strymish J, Hyde J, Gifford A, Branch-Elliman W. Measuring the Morbidity of Infectious Complications of the Opioid Epidemic: A Retrospective Cohort Study. ID Week. September 2021
- 12. **Harvey L**, Sliwinski S, Filke K, Boudreau J, Gifford A, Branch-Elliman W, Hyde J. Utilizing Implementation Science to Identify Barriers and Facilitators to Implementing Harm Reduction Services in the Veterans Health Administration (VHA). ID Week. October 2022

Invited Presentations:

- 1. Haukoos J, Mehta S, **Harvey L**, Rothman RE. Research Priorities for HIV & STI Surveillance, Screening, & Intervention in EDs: Consensus-based recommendations. [Workshop]. Society of Academic Emergency Medicine Annual Meeting. May 2009
- 2. **Harvey L**, Sands E, Trottier M, VanLente P. "Receipt of Preventive Health Screenings Among Uninsured Adults at a Community Health Center: Estimating Unmet Need." Grand Rapids Medical Education Partners Research Day. April 2015
- 3. Cook A, **Harvey L**, Michel K, Chassee T, Jones J. "Suicidal Ideation in the Elderly: Psychosocial Risk Factors and Precipitants." Grand Rapids Medical Education Partners Research Day. April 2016
- 4. **Harvey, L**; Taylor, JL; Assoumou, S; Kehoe, J; Perera, R; Perkins, E; Bernstein, E; Walley, A. "Proportion of Sexually Transmitted and Blood-Borne Infections among Patients Presenting to a Low-Barrier Substance Use Disorder Medication Clinic." Boston University School of Medicine Evans Research Symposium. May 2016
- 5. **Harvey L**, Taylor J. "Optimizing HIV Prevention in a Patient with Transactional Sex Work and Injection Drug Use." Society of General Internal Medicine Regional Meeting. March 2018
- 6. Harvey L, Hyde J, Boudreau J, Sliwinski S, Gifford A, Branch-Elliman W. "Harm

Reduction Stories: Leveraging Graphic Medicine to Engage Veterans in Substance Use Services within the VA." College on Problems of Drug Dependence Annual Meeting. June 2022

- 7. **Harvey L**, Boudreau J, Sliwinski S, Strymish J, Gifford A, Hyde J, Linsenmeyer K, Branch-Elliman W. "Six Moments of Infection Prevention in Injection Drug Use and Associated Harm Reduction Strategies." CHERISH/Syndemics Lab Research Seminar. September 2022
- 8. Barber C, **Harvey L**, Khan GK, Peterkin A, Walley AY. "Specialized Tracks in Addiction Fellowships: Women's Health, OB/Gyn, and Infectious Disease." [Workshop]. American College of Academic Addiction Medicine Annual Meeting; April 2023

Funding

- 1. Harm Reduction Stories: Leveraging Graphic Medicine to Engage Veterans in Substance Use Services within the VA
 - a. <u>Award Type</u>: Center for Healthcare Organization and Implementation Research SWIFT grant
 - b. Role: Co-Investigator
 - c. Support: n/a, concurrent with T32
 - d. Project Period: 2021 2023
- 2. Innovations in Harm Reduction
 - a. <u>Award Type</u>: Veterans Affairs Health Services Research and Development Innovation Grant
 - b. Role: Co-Investigator
 - c. Support: n/a, concurrent with T32
 - d. Project Period: 2022 2023
- 3. Association of Substance Use with Mortality or Mechanical Ventilation Among Patients Hospitalized with COVID-19 in Boston, Massachusetts
 - a. Award Type: Research in Addiction Medicine Scholarship
 - b. Role: PI
 - c. <u>Support</u>: \$8,000
 - d. Project Period: 2020 2022

University Teaching Roles:

2013 – 2016	Founder and Lead Lecturer, "Socially Responsible Medicine" elective course Class: 30 Medical Students	Michigan State University College of Human Medicine
2017 – 2019	Lecturer, Primary Care Track Resident Core Curriculum Class: 20 Internal Medicine Residents	Boston Medical Center Internal Medicine Residency
2021 - 2022	Co-Instructor, Doctoring II Class: 10 Medical Students	Boston University Chobanian & Avedisian School of Medicine
2022 - 2023	Lecturer, Addiction Medicine elective Class: 50 medical students	Boston University Chobanian & Avedisian School of Medicine

Hospital Teaching Roles:

2021 - 2023	Addiction Medicine Consult Attending	Boston Medical Center
2021 - 2023	Infectious Disease Wards Attending	Boston Medical Center
2023 - 2023	Infectious Disease Ambulatory Preceptor	Boston Medical Center
2023 - present	Infectious Disease Consult Service and Immunology Service Attending	The Miriam Hospital
2023 - present	Infectious Disease Ambulatory Preceptor	TMH Immunology Clinic