

CURRICULUM VITAE
THEODORE L. CAPUTI, PhD Candidate

PROFESSIONAL DATA

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EDUCATION AND TRAINING

PhD/2026 Massachusetts Institute of Technology, Economics (Expected)
Dissertation Title: Essays in Health Economics
Committee: Jonathan Gruber, Amy Finkelstein, Joseph J. Doyle Jr.

MSc/2021 University of York, Health Sciences (Marshall Scholar)

MPH/2019 University College Cork, Advanced Epidemiology (Mitchell Scholar)

BS/2017 University of Pennsylvania, Economics (*summa cum laude*, Phi Beta Kappa)

PROFESSIONAL EXPERIENCE

NBER Pre-Doctoral Fellow in Aging and Health, National Bureau of Economic Research, Cambridge, MA, 2023–2025

Part-Time Research Assistant for Profs. Jon Gruber and Jetson Leder-Luis, MIT Economics, 2021–2022

Full-time Research Assistant for Prof. Amanda Pallais, Harvard Economics/NBER, 2018–2019

Part-Time Research Assistant, Harvard Medical School Health Equity Research Lab, 2017–2020

Part-Time Research Assistant, UCSD Center for Data-Driven Population Medicine, 2017–2020

Part-Time Research Assistant, Penn Center for Health Incentives and Behavioral Economics, 2017–2019

Part-Time Research Assistant for Prof. Francis Diebold, Penn Economics, 2017–2018

Part-Time Research Assistant for Prof. Mark Dredze, Johns Hopkins Computer Science, 2017

Fall Semester Research Assistant, White House Office of National Drug Control Policy, 2016

Policy Fellow, University of Florida Drug Policy Institute, 2015–2020

HONORS AND AWARDS

NBER Pre-Doctoral Fellow in Aging and Health, 2023–2025

NSF Graduate Research Fellowship, 2019–2024

MIT Graduate Fellowship, 2019–2024

Marshall Scholarship, 2019–2020

Annual Cameron Lecture for Highest Marks, University College Cork, 2018

George J. Mitchell Scholarship, 2017–2018

Clarendon Scholarship, University of Oxford (Declined), 2017

Phi Beta Kappa, University of Pennsylvania, 2017

Beta Gamma Sigma, University of Pennsylvania, 2016

Leonard Davis Institute Undergraduate Research Prize, University of Pennsylvania, 2015

SELECTED PUBLICATIONS

1. Gruber, J., Howard, D.H., Leder-Luis, J., & **Caputi, T.L.** [Dying or Lying? For-Profit Hospices and End of Life Care](#). *American Economic Review*. 2025.
2. **Caputi, T.L.**, Shover, C.L., & Watson, R.J. [Physical and Sexual Violence Among Gay, Lesbian, Bisexual, and Questioning Adolescents](#). *JAMA Pediatrics*. 2020;174(8):791.
3. **Caputi, T.L.**, Nobles, A.L., & Ayers, J.W. [Internet Searches for Sexual Harassment and Assault, Reporting, and Training Since the #MeToo Movement](#). *JAMA Internal Medicine*. 2019;179(2):258.
4. Ayers, J.W., **Caputi, T.L.**, & Leas, E.C. [The Need for Federal Regulation of Marijuana Marketing](#). *JAMA*. 2019;321(22):2163.
5. **Caputi, T.L.**, Smith, L.R., Strathdee, S.A., & Ayers, J.W. [Substance Use Among Lesbian, Gay, Bisexual, and Questioning Adolescents in the United States, 2015](#). *American Journal of Public Health*. 2018;108(8):1031-1034.
6. **Caputi, T.L.**, Smith, D., & Ayers, J.W. [Suicide Risk Behaviors Among Sexual Minority Adolescents in the United States, 2015](#). *JAMA*. 2017;318(23):2349-2351.

OTHER PUBLICATIONS

7. **Caputi, T.L.** [The Use of Academic Research in Medical Cannabis Marketing: A Qualitative and Quantitative Review of Company Websites](#). *Journal of Studies on Alcohol and Drugs*. 2022;83(1):5-17.
8. Patton, T., Abramovitz, D., Johnson, D., Leas, E., Nobles, A., **Caputi, T.L.**, Ayers, J., Strathdee, S., & Borquez, A. [Characterizing Help-Seeking Searches for Substance Use Treatment From Google Trends and Assessing Their Use for Intelligence](#). *Journal of Medical Internet Research*. 2022;24(12):e41527.
9. **Caputi, T.L.** [Re: “Observed Impact of Long-Term Consumption of Oral Cannabidiol on Liver Function in Healthy Adults” and a Recent Announcement of a New Cannabidiol Safety Study](#). *Cannabis and Cannabinoid Research*. 2022;7(6):896-897.

10. Ayers, J.W., Poliak, A., Johnson, D.C., Leas, E.C., Dredze, M., **Caputi, T.L.**, & Nobles, A.L. [Suicide-Related Internet Searches During the Early Stages of the COVID-19 Pandemic in the US](#). *JAMA Network Open*. 2021;4(1):e2034261.
11. **Caputi, T.L.** [What cannabis can learn from Covid: Hydroxychloroquine research suggests the next step for medical cannabis research](#). *International Journal of Drug Policy*. 2021;93:103133.
12. Chen, D., Watson, R.J., **Caputi, T.L.**, & Shover, C.L. [Proportion of U.S. Clinics Offering LGBT-Tailored Mental Health Services Decreased Over Time: A Panel Study of the National Mental Health Services Survey](#). *Annals of LGBTQ Public and Population Health*. 2021;2(3):174-184.
13. Johnson, D.C., Nobles, A.L., **Caputi, T.L.**, Liu, M., Leas, E.C., Strathdee, S.A., Smith, D.M., & Ayers, J.W. [Monitoring HIV testing and pre-exposure prophylaxis information seeking by combining digital and traditional data](#). *BMC Infectious Diseases*. 2021;21(1).
14. Acevedo, A., Mullin, B.O., Progovac, A.M., **Caputi, T.L.**, McWilliams, J.M., & Cook, B.L. [Impact of the Medicare Shared Savings Program on utilization of mental health and substance use services by eligibility and race/ethnicity](#). *Health Services Research*. 2021;56(4):581-591.
15. Liu, M., **Caputi, T.L.**, Dredze, M., Kesselheim, A.S., & Ayers, J.W. [Internet Searches for Unproven COVID-19 Therapies in the United States](#). *JAMA Internal Medicine*. 2020;180(8):1116.
16. Leas, E.C., Nobles, A.L., **Caputi, T.L.**, Dredze, M., Zhu, S.-H., Cohen, J.E., & Ayers, J.W. [News coverage of the E-cigarette, or Vaping, product use Associated Lung Injury \(EVALI\) outbreak and internet searches for vaping cessation](#). *Tobacco Control*. 2020;30(5):578-582.
17. **Caputi, T.L.**, Ayers, J.W., Dredze, M., Suplina, N., & Burd-Sharps, S. [Collateral Crises of Gun Preparation and the COVID-19 Pandemic: Infodemiology Study](#). *JMIR Public Health and Surveillance*. 2020;6(2):e19369.
18. Nobles, A.L., Leas, E.C., **Caputi, T.L.**, Zhu, S.-H., Strathdee, S.A., & Ayers, J.W. [Responses to addiction help-seeking from Alexa, Siri, Google Assistant, Cortana, and Bixby intelligent virtual assistants](#). *npj Digital Medicine*. 2020;3(1).
19. **Caputi, T.L.** [Commentary on Furr-Holden et al.: Drugs, class, and race—recent developments in the opioid epidemic call for urgent next steps](#). *Addiction*. 2020;116(3):684-685.
20. **Caputi, T.L.** [The Medical Marijuana Industry and the Use of Research as Marketing](#). *American Journal of Public Health*. 2020;110(2):174-175.
21. Leas, E.C., Nobles, A.L., **Caputi, T.L.**, Dredze, M., Smith, D.M., & Ayers, J.W. [Trends in Internet Searches for Cannabidiol \(CBD\) in the United States](#). *JAMA Network Open*. 2019;2(10):e1913853.
22. **Caputi, T.L.** [Medical marijuana laws, substance use treatment admissions and the ecological fallacy](#). *Addiction*. 2019;115(1):188-189.
23. **Caputi, T.L.** [Medical Cannabis Use](#). *Health Affairs*. 2019;38(5):874.
24. **Caputi, T.L.** [Medical marijuana, not miracle marijuana: some well-publicized studies about medical marijuana do not pass a reality check](#). *Addiction*. 2019;114(6):1128-1129.
25. **Caputi, T.L.** & Humphreys, K. [Medical Marijuana Users are More Likely to Use Prescription Drugs Medically and Nonmedically](#). *Journal of Addiction Medicine*. 2018;12(4):295-299.
26. **Caputi, T.L.** [Sex and orientation identity matter in the substance use behaviors of sexual minority adolescents in the United States](#). *Drug and Alcohol Dependence*. 2018;187:142-148.
27. **Caputi, T.L.**, Leas, E.C., Dredze, M., & Ayers, J.W. [Online Sales of Marijuana: An Unrecognized Public Health Dilemma](#). *American Journal of Preventive Medicine*. 2018;54(5):719-721.
28. **Caputi, T.L.** & Sabet, K.A. [Population-Level Analyses Cannot Tell Us Anything About Individual-Level Marijuana-Opioid Substitution](#). *American Journal of Public Health*. 2018;108(3):e12.

29. Ayers, J.W., Dredze, M., Leas, E.C., **Caputi, T.L.**, Allem, J.-P., & Cohen, J.E. [Next generation media monitoring: Global coverage of electronic nicotine delivery systems \(electronic cigarettes\) on Bing, Google and Twitter, 2013-2018.](#) *PLOS ONE*. 2018;13(11):e0205822.
30. Ayers, J.W., **Caputi, T.L.**, Nebeker, C., & Dredze, M. [Don't quote me: reverse identification of research participants in social media studies.](#) *npj Digital Medicine*. 2018;1(1).
31. **Caputi, T.L.**, Leas, E., Dredze, M., Cohen, J.E., & Ayers, J.W. [They're heating up: Internet search query trends reveal significant public interest in heat-not-burn tobacco products.](#) *PLOS ONE*. 2017;12(10):e0185735.
32. **Caputi, T.L.** [Google Searches for Cheap Cigarettes Spike at Tax Increases: Evidence from an Algorithm to Detect Spikes in Time Series Data.](#) *Nicotine & Tobacco Research*. 2017;20(6):779-783.
33. **Caputi, T.L.** [Assessing the Possibility of Leadership Education as Psychosocial-Based Problem Behavior Prevention for Adolescents: A Review of the Literature.](#) *Journal of Leadership Education*. 2017;16(1):115-132.
34. **Caputi, T.L.** [Whether medical marijuana is ever substituted for other substances is not the full story.](#) *Drug and Alcohol Review*. 2017;36(4):E3-E4.
35. **Caputi, T.L.** & McLellan, A.T. [Response to Comment by Hecht & Miller-Day on Truth and D.A.R.E. Drugs: Education, Prevention and Policy.](#) 2017;24(2):226.
36. Allem, J.-P., Leas, E.C., **Caputi, T.L.**, Dredze, M., Althouse, B.M., Noar, S.M., & Ayers, J.W. [The Charlie Sheen Effect on Rapid In-home Human Immunodeficiency Virus Test Sales.](#) *Prevention Science*. 2017;18(5):541-544.
37. **Caputi, T.L.** & McLellan, A.T. [Truth and D.A.R.E.: Is D.A.R.E.'s new Keepin' it REAL curriculum suitable for American nationwide implementation?](#) *Drugs: Education, Prevention and Policy*. 2016;24(1):49-57.
38. **Caputi, T.L.** [The case for uniform controls in drug policy studies.](#) *International Journal of Drug Policy*. 2016;33:102-104.
39. **Caputi, T.L.** & Humphreys, K. [Medicare Recipients' Use Of Medical Marijuana.](#) *Health Affairs*. 2016;35(10):1936.
40. **Caputi, T.L.** [Industry watch: heat-not-burn tobacco products are about to reach their boiling point.](#) *Tobacco Control*. 2016;26(5):609-610.
41. **Caputi, T.L.** & Sabet, K.A. [Commentary on New Perspectives on Drug Education/Prevention.](#) *Journal of Psychoactive Drugs*. 2016;48(3):227-229.
42. **Caputi, T.L.** [Selling prevention: Using a business framework to analyze the state of prevention and overcome obstacles to expanding substance abuse prevention.](#) *The Journal of Global Drug Policy and Practice*. 2015;9(1).

RESEARCH AND PRACTICE FUNDING

External Sponsored Grants and Contracts

Agency: National Science Foundation

Grant title: "Graduate Research Fellowship Program"

PI: Theodore L. Caputi

Amount: \$138,000

Agency: National Bureau of Economic Research / National Institute on Aging

Grant title: “NBER Pre-Doctoral Fellowship in Aging and Health”

PI: Theodore L. Caputi

Amount: \$54,288

Agency: National Consumers League

Grant title: “Research Partnerships and Preliminary Results in the Marketing of Marijuana and Marijuana-Derived Products”

PI: Theodore L. Caputi

Amount: \$153,000

Agency: National Consumers League

Grant title: “Twitter Analysis: Health Claims of Licensed Marijuana Companies and Key Opinion Leaders”

PI: Theodore L. Caputi

Amount: \$121,500

Agency: National Consumers League

Grant title: “Prominence and Risks Related to New, Highly Concentrated Marijuana Products”

PI: Theodore L. Caputi

Amount: \$86,200

Agency: National Consumers League

Grant title: “Marijuana Marketing Extension: Cannabis Claims Website”

PI: Theodore L. Caputi

Amount: \$37,500

Agency: MIT Department of Economics

Grant title: “George and Obie Shultz Fund Grant”

PI: Theodore L. Caputi

Amount: \$16,000

Agency: Protect Our Kids

Grant title: “Investigating the Relationship Between Recreational Marijuana Laws and Youth Marijuana Use”

PI: Theodore L. Caputi

Amount: \$7,500

PRACTICE ACTIVITIES

Selected Media Coverage of Research Works

Research has been covered by over 100 media outlets including:

1. [CNN](#). “LGBQ teens face serious suicide risk, research finds.” December 2017.
2. [NBC News](#). “Gay teens at least twice as likely to use illegal drugs, study suggests.” August 2018.
3. [ABC News](#). “Google searches for CBD expected to hit record high this year.” October 2019.
4. [Los Angeles Times](#). “After Alyssa Milano’s #MeToo tweet, Google searches about sexual assault spiked.” December 2018.
5. [Good Morning America \(ABC\)](#). “Google searches for CBD expected to hit record high this year.” October 2019.
6. [Business Insider](#). “Sales of test kits skyrocketed after Charlie Sheen confirmed he was HIV-positive.” May 2017.

7. [Medscape](#). “Can Alexa, Other Virtual Assistants Help With Addiction?” February 2020.
8. [Global News \(Canada\)](#). “Heat-not-burn tobacco: The emerging smoking trend that has experts worried.” October 2017.

TEACHING

Classroom Instruction

Teaching Assistant, MATH 104: Single Variable Calculus, University of Pennsylvania, Fall 2015

Instructor, English as a Second Language, Nationalities Services Center, Philadelphia, PA, 2012, 2014

PRESENTATIONS

Invited Speaker, Empirical Health Law Conference, 2023

Oral Presentation, Society for Social Medicine and Population Health and International Epidemiology Association European Congress Joint Annual Scientific Meeting, 2019

Panel Moderator, Smart Approaches to Marijuana Education Summit, 2019

Invited Speaker & Poster Presentation (Best Poster), University College Cork Cameron Lecture, 2018

Poster Presentation, New Horizon Research Conference, 2018

Webinar Panelist, UCSD Connected and Open Research Ethics Project, 2018

Invited Seminar Presentation, University College Cork School of Public Health, 2018

Poster Presentation, American Society for Addiction Medicine 49th Annual Conference, San Diego, 2018

Featured Poster Presentation, 39th Annual Meeting of the Society for Behavioral Medicine, New Orleans, 2018

Poster Presentation, 38th Annual Meeting of the Society for Behavioral Medicine, San Diego, 2017

Invited Speaker, Unmasking the Ivy League: College Mental Health Conference, 2016

Invited Plenary Speaker (with stipend), Western States Marijuana Summit, San Diego, 2015

Presenter, Center for Undergraduate Research Fellowships Research Expo, 2015

Invited Presenter, Wharton Undergraduate Research Symposium, 2014, 2015

Invited Speaker, Harvard Symposium on Alcohol, 2015

Invited Panelist, Fox Rothschild Conference on Juvenile Justice, 2015

Invited Speaker, Science Talk at Treatment Research Institute, 2013

EDITORIAL AND OTHER PEER REVIEW ACTIVITIES

Peer Reviewer *Addiction, Addictive Behaviors, American Journal of Preventive Medicine, American Journal of Public Health, Asia Pacific Journal of Public Health, Drugs: Education, Prevention, and Policy, Injury Prevention, International Journal of Drug Policy, JAMA: Journal of the American Medical Association, JAMA Network Open, Journal of Health Economics, Journal of Studies on Alcohol and Drugs, Substance Use and Misuse, Tobacco Control*

REFERENCES

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Professor Amy Finkelstein

Professor of Economics
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Cambridge, MA 02142
Phone: 617-253-3807
Email: afink@mit.edu

Professor Joseph J. Doyle Jr.

Professor of Management and Applied Economics
MIT Sloan School of Management
100 Main Street, E62-518
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Last updated: December 18, 2025

The most recent version of this CV is available at tlcaputi.com/files/caputi-public-health-cv.pdf