



# Theodore L. Caputi

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Born: August 25, 1994—Princeton, New Jersey, U.S.A.  
Citizenship: United States of America

## Education

Candidate for Ph.D. in Economics, Massachusetts Institute of Technology  
Candidate for M.Sc. by Research in Health Sciences, University of York  
M.P.H. in Advanced Epidemiology, University College Cork  
B.S. *sommo cum laude* in Economics, University of Pennsylvania  
High school diploma, Council Rock High School North

## Appointments & employment

Part-Time Research Assistant, Harvard Medical School Health Equity Research Lab  
Policy Fellow, University of Florida Drug Policy Institute  
Part-Time Research Assistant, UCSD Center for Data-Driven Population Medicine  
Full-time Research Assistant for Prof. Amanda Pallais, Harvard Economics/NBER  
Part-Time Research Assistant, Penn Center for Health Incentives and Behavioral Economics  
Part-Time Research Assistant for Prof. Francis Diebold, Penn Economics  
Part-Time Research Assistant for Prof. Mark Dredze, Johns Hopkins Computer Science  
Fall Semester Research Assistant, White House Office of National Drug Control Policy

## Honors & awards

NSF Graduate Research Fellow  
MIT Graduate Fellow  
Marshall Scholar  
Annual Cameron Lecture, University College Cork  
Mitchell Scholar  
Clarendon Scholarship, University of Oxford (Declined)  
Phi Beta Kappa, University of Pennsylvania  
Beta Gamma Sigma, University of Pennsylvania  
Leonard Davis Institute Undergraduate Research Prize, University of Pennsylvania

# Publications & presentations<sup>1</sup>

## ORIGINAL RESEARCH

**Caputi, T. L. L.** (2021). What cannabis can learn from Covid: Hydroxychloroquine research suggests the next step for medical cannabis research. *International Journal of Drug Policy*, 93, 103133. doi:10.1016/j.drugpo.2021.103133 [Link | PDF]

**Caputi, T. L. L., Shover, C. L., Watson, R. J.** (2020). Physical and Sexual Violence Among Gay, Lesbian, Bisexual, and Questioning Adolescents. *JAMA Pediatrics*, 174(8), 791. doi:10.1001/jamapediatrics. [Link | PDF]

**Caputi, T. L. L., Ayers, J. W., Dredze, M., Suplina, N., Burd-Sharps, S.** (2020). Collateral Crises of Gun Preparation and the COVID-19 Pandemic: Infodemiology Study. *JMIR Public Health and Surveillance*, 6(2), e19369. doi:10.2196/19369 [Link | PDF]

**Caputi, T. L. L., Nobles, A. L., Ayers, J. W.** (2019). Internet Searches for Sexual Harassment and Assault, Reporting, and Training Since the MeToo Movement. *JAMA Internal Medicine*, 179(2), 258. doi:10.1001/jamainternmed.2018.5094 [Link | PDF]

**Caputi, T. L. L., Smith, L. R., Strathdee, S. A., Ayers, J. W.** (2018). Substance Use Among Lesbian, Gay, Bisexual, and Questioning Adolescents in the United States, 2015. *American Journal of Public Health*, 108(8), 10311034. doi:10.2105/ajph.2018.304446 [Link | PDF]

**Caputi, T. L. L., Humphreys, K.** (2018). Medical Marijuana Users are More Likely to Use Prescription Drugs Medically and Nonmedically. *Journal of Addiction Medicine*, 12(4), 295299. doi:10.1097/adm.0000000000000405 [Link | PDF]

**Caputi, T. L. L.** (2018). Sex and orientation identity matter in the substance use behaviors of sexual minority adolescents in the United States. *Drug and Alcohol Dependence*, 187, 142148. doi:10.1016/j.drugalcdep.2018.01.012 [Link | PDF]

**Caputi, T. L. L., Leas, E. C., Dredze, M., Ayers, J. W.** (2018). Online Sales of Marijuana: An Unrecognized Public Health Dilemma. *American Journal of Preventive Medicine*, 54(5), 719721. doi:10.1016/j.amepre.2018.01.032 [Link | PDF]

**Caputi, T. L. L., Smith, D., Ayers, J. W.** (2017). Suicide Risk Behaviors Among Sexual Minority Adolescents in the United States, 2015. *JAMA*, 318(23), 2349. doi:10.1001/jama.2017.16908 [Link | PDF]

**Caputi, T. L. L., Leas, E., Dredze, M., Cohen, J. E., Ayers, J. W.** (2017). They're heating up: Internet search query trends reveal significant public interest in heat-not-burn tobacco products. *PLOS ONE*, 12(10), e0185735. doi:10.1371/journal.pone.0185735 [Link | PDF]

**Caputi, T. L. L.** (2017). Google Searches for Cheap Cigarettes Spike at Tax Increases: Evidence from an Algorithm to Detect Spikes in Time Series Data. *Nicotine Tobacco Research*, 20(6), 779783. doi:10.1093/ntr/ntx143 [Link | PDF]

**Caputi, T. L. L.** (2017). Assessing the Possibility of Leadership Education as Psychosocial-Based Problem Behavior Prevention for Adolescents: A Review of the Literature. *Journal of Leadership Education*, 16(1), 115132. doi:10.12806/v16/i1/t2 [Link | PDF]

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<sup>1</sup>Most of my publications are available free of charge at <https://www.theodrecaputi.com/publications>. My Google Scholar profile is accessible at <http://goo.gl/FVRxR4>.

**Caputi, T. L. L., Thomas McLellan, A. (2016).** 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*, 24(1), 4957. doi:10.1080/09687637.2016.1208731 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2016).** The case for uniform controls in drug policy studies. *International Journal of Drug Policy*, 33, 102104. doi:10.1016/j.drugpo.2016.06.005 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2015).** 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*. [[Link](#) | [PDF](#)]

## UNINVITED COMMENTARY

**Caputi, T. L. L. (2020).** The Medical Marijuana Industry and the Use of Research as Marketing. *American Journal of Public Health*, 110(2), 174175. doi:10.2105/ajph.2019.305477 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2019).** Medical marijuana laws, substance use treatment admissions and the ecological fallacy. *Addiction*, 115(1), 188189. doi:10.1111/add.14748 [[Link](#) | [PDF](#)]

**Ayers, J. W., Caputi, T. L. L., Leas, E. C. (2019).** The Need for Federal Regulation of Marijuana Marketing. *JAMA*, 321(22), 2163. doi:10.1001/jama.2019.4432 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2019).** Medical Cannabis Use. *Health Affairs*, 38(5), 874874. doi:10.1377/hlthaff.2019.00198 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2019).** Medical marijuana, not miracle marijuana: some wellpublicized studies about medical marijuana do not pass a reality check. *Addiction*, 114(6), 11281129. doi:10.1111/add.14580 [[Link](#) | [PDF](#)]

**Caputi, T. L. L., Sabet, K. A. (2018).** Population-Level Analyses Cannot Tell Us Anything About Individual-Level Marijuana-Opioid Substitution. *American Journal of Public Health*, 108(3), e12e12. doi:10.2105/ajph.2017.304253 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2017).** Whether medical marijuana is ever substituted for other substances is not the full story. *Drug and Alcohol Review*, 36(4), E3E4. doi:10.1111/dar.12494 [[Link](#) | [PDF](#)]

**Caputi, T. L. L., McLellan, A. T. (2017).** Response to Comment by Hecht Miller-Day on 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*, 24(2), 226226. doi:10.1080/09687637.2017.1288681 [[Link](#) | [PDF](#)]

**Caputi, T. L. L., Humphreys, K. (2016).** Medicare Recipients Use Of Medical Marijuana. *Health Affairs*, 35(10), 19361936. doi:10.1377/hlthaff.2016.1108 [[Link](#) | [PDF](#)]

**Caputi, T. L. L. (2016).** Industry watch: heat-not-burn tobacco products are about to reach their boiling point. *Tobacco Control*, 26(5), 609610. doi:10.1136/tobaccocontrol-2016-053264 [[Link](#) | [PDF](#)]

**Caputi, T. L. L., Sabet, K. A. (2016).** Commentary on New Perspectives on Drug Education/Prevention. *Journal of Psychoactive Drugs*, 48(3), 227229. doi:10.1080/02791072.2016.1197989

[\[Link\]](#) | [\[PDF\]](#)

## INVITED COMMENTARY

**Caputi, T. L. L.** (2020). Commentary on FurrHolden et al. : Drugs, class, and racerecent developments in the opioid epidemic call for urgent next steps. *Addiction*, 116(3), 684685. doi:10.1111/add.15339 [\[Link\]](#) | [\[PDF\]](#)

## TEAM SCIENCE

Acevedo, A., Mullin, B. O., Progovac, A. M., **Caputi, T. L. L.**, McWilliams, J. M., Cook, B. L. (2021). Impact of the Medicare Shared Savings Program on utilization of mental health and substance use services by eligibility and race/ethnicity. *Health Services Research*. doi:10.1111/1475-6773.13625 [\[Link\]](#) | [\[PDF\]](#)

Ayers, J. W., Poliak, A., Johnson, D. C., Leas, E. C., Dredze, M., **Caputi, T. L.**, Nobles, A. L. (2021). Suicide-Related Internet Searches During the Early Stages of the COVID-19 Pandemic in the US. *JAMA Network Open*, 4(1), e2034261. doi:10.1001/jamanetworkopen.2020.34261 [\[Link\]](#) | [\[PDF\]](#)

Leas, E. C., Nobles, A. L., **Caputi, T. L. L.**, Dredze, M., Zhu, S.-H., Cohen, J. E., Ayers, J. W. (2020). News coverage of the E-cigarette, or Vaping, product use Associated Lung Injury (EVALI) outbreak and internet searches for vaping cessation. *Tobacco Control*, tobaccocontrol2020055755. doi:10.1136/tobaccocontrol-2020-055755 [\[Link\]](#) | [\[PDF\]](#)

Liu, M., **Caputi, T. L. L.**, Dredze, M., Kesselheim, A. S., Ayers, J. W. (2020). Internet Searches for Unproven COVID-19 Therapies in the United States. *JAMA Internal Medicine*, 180(8), 1116. doi:10.1001/jamainternmed.2020.1764 [\[Link\]](#) | [\[PDF\]](#)

Nobles, A. L., Leas, E. C., **Caputi, T. L. L.**, Zhu, S.-H., Strathdee, S. A., Ayers, J. W. (2020). Responses to addiction help-seeking from Alexa, Siri, Google Assistant, Cortana, and Bixby intelligent virtual assistants. *Npj Digital Medicine*, 3(1). doi:10.1038/s41746-019-0215-9 [\[Link\]](#) | [\[PDF\]](#)

Leas, E. C., Nobles, A. L., **Caputi, T. L. L.**, Dredze, M., Smith, D. M., Ayers, J. W. (2019). Trends in Internet Searches for Cannabidiol (CBD) in the United States. *JAMA Network Open*, 2(10), e1913853. doi:10.1001/jamanetworkopen.2019.13853 [\[Link\]](#) | [\[PDF\]](#)

Ayers, J. W., Dredze, M., Leas, E. C., **Caputi, T. L. L.**, Allem, J.-P., Cohen, J. E. (2018). Next generation media monitoring: Global coverage of electronic nicotine delivery systems (electronic cigarettes) on Bing, Google and Twitter, 2013-2018. *PLOS ONE*, 13(11), e0205822. doi:10.1371/journal.pone.0205822 [\[Link\]](#) | [\[PDF\]](#)

Ayers, J. W., **Caputi, T. L. L.**, Nebeker, C., Dredze, M. (2018). Dont quote me: reverse identification of research participants in social media studies. *Npj Digital Medicine*, 1(1). doi:10.1038/s41746-018-0036-2 [\[Link\]](#) | [\[PDF\]](#)

Allem, J.-P., Leas, E. C., **Caputi, T. L. L.**, Dredze, M., Althouse, B. M., Noar, S. M., Ayers, J.

W. (2017). The Charlie Sheen Effect on Rapid In-home Human Immunodeficiency Virus Test Sales. *Prevention Science*, 18(5), 541-544. doi:10.1007/s11121-017-0792-2 [[Link](#) | [PDF](#)]

## OTHER ACADEMIC WORKS

Acknowledged contribution to: Mas A, Pallais A. [Alternative work arrangements](#). NBER Working Paper 26605. NBER.

**Caputi TL**. Heed the author's warning to interpret results cautiously: a response to Shi. *Published by the University of Florida Drug Policy Institute*.

Gitlow S, Richter K, Levy S, Harris SK, Zinsmeister J, **Caputi TL**, Titelbaum S, Samuels H, Atkinson D. [The International Center for Science in Drug Policy \(ICS DP\) publishes misleading report on marijuana](#). *Published by the University of Florida Drug Policy Institute*.

**Caputi TL**. Improving admissions and impacting society: The case for social-emotional intelligence as an undergraduate admissions criterion. 3808: *Journal of Critical Writing*. 9(1):13-17. Available at <http://www.writing.upenn.edu>.

[The clinical and cost effectiveness of three FDA-approved addiction medications](#). [Policy Brief]. *Published by the American Society for Addiction Medicine and the Treatment Research institute*.

Acknowledged contribution (see back cover) to: [Paving the way to change: Advancing quality interventions for adolescents who use, abuse, or are dependent upon alcohol and other drugs](#). *Published by the Treatment Research Institute*.

## PRESENTATIONS

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**

[Invited Speaker & Poster Presentation](#), **University College Cork Cameron Lecture**

- Best Poster

[Poster Presentation](#), **New Horizon Research Conference 2018**

[Webinar Panelist](#), **UCSD Connected and Open Research Ethics Project**

[Invited Seminar Presentation](#), **University College Cork School of Public Health**

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

Featured Poster Presentation, **39th Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine in New Orleans**

Poster Presentation, **38th Annual Meeting and Scientific Sessions of the Society for**

## Behavioral Medicine in San Diego

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

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

Presenter, **Center for Undergraduate Research Fellowships Research Expo**

Invited Presenter, **Wharton Undergraduate Research Symposium**

Invited Speaker, **Harvard Symposium on Alcohol**

Invited Panelist, **Fox Rothschild Conference on Juvenile Justice**

Invited Speaker, **Wharton Undergraduate Research Symposium**

Invited Speaker, **Science Talk at Treatment Research Institute**

## Teaching experience

Teaching Assistant, MATH 104: Single Variable Calculus (Penn)

Teaching Assistant, FNCE 101: Macroeconomics & the Monetary Economy (Penn)

Teaching Assistant, STAT 102: Second-Semester Business Statistics (Penn)

Teaching Assistant, FNCE 711: Financial Derivatives (Penn)

Instructor, English as a Second Language (Nationalities Services Center)

## Software

[gtrendspy](#) and [gtrendR](#): Complementary Python and R packages for pulling, analyzing, and visualizing data from the Google Trends for Health API

[cdcwonderpy](#) and [wonderR](#): Complementary Python and R packages for pulling, analyzing, and visualizing data from the CDC WONDER Multiple Cause of Death Online Form

## Professional activities

Member, American Economic Association

Student Member, American Society for Addiction Medicine

Advisory-Board Member, Drug Free America Foundation

Board Member, Pennsylvania Commonwealth Prevention Alliance

Student Advisory Board Member, Netter Center for Community Partnerships

Board Member, Jed-Penn Mental Health Advisory Committee

Institutional Review Board Member, Treatment Research Institute

## Service to the field

**Ad Hoc 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 Studies on Alcohol and Drugs; Substance Use and Misuse; Tobacco Control

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<https://www.TheodoreCaputi.com/files/TheodoreCaputiShortCV.pdf>