

Chelsea L. Shover, PhD

Curriculum vitae

Stanford University
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EDUCATION

Postdoctoral Fellowship, Psychiatry

Stanford University, Palo Alto, CA, August 2018 – Present
Postdoctoral Advisor: Keith Humphreys, PhD

PhD, Epidemiology

University of California, Los Angeles, June 2018

Dissertation Title: *How substance use, health insurance, and social determinants of health affect the HIV prevention continuum in Los Angeles, CA: Focus on Pre-Exposure Prophylaxis (PrEP) and Treatment as Prevention*

Dissertation Chair: Pamina M. Gorbach, MHS, DrPH

AB, English

Harvard College, May 2011

Thesis Title: *Secondhand Miracles* / Foreign Language Citation in Mandarin Chinese

PUBLICATIONS

Peer Reviewed

1. **Shover C**, Davis C, Gordon S, Humphreys K. Association between medical cannabis laws and opioid overdose mortality has reversed over time. *Proc Natl Acad Sci USA*. In press.
2. **Shover C**, Javanbahkt M, Shoptaw S, Lee S-J, Bolan R, Cunningham N, Beymer M, DeVost M, Gorbach P. Mind the Gaps: Prescription coverage and HIV incidence among patients receiving pre-exposure prophylaxis from a large federally qualified health center in Los Angeles, California. *AIDS Behav*. In press.
3. Shackett B, Blanco J, Hightow-Weidman L, Mgodi N, Alcami J, Buchbinder S, ..., **Shover C**, et al. HIVR4P 2018: From Research to Impact Conference Summary and Highlights. *AIDS Res Hum Retroviruses*. In press.
4. **Shover C**, Humphreys K. Six policy lessons relevant to cannabis legalization. *Am J Drug Alcohol Abuse*. 2019 Mar 14. doi 10.1080/00952990.2019.1569669. [Epub ahead of print]

5. **Shover C**, DeVost M, Beymer M, Flynn R, Gorbach P, Bolan R. Using sexual orientation and gender identity (SOGI) to monitor disparities in HIV, sexually transmitted infections, and viral hepatitis. *Am J Public Health*. 2018 Nov 01: S277-S283. doi:10.2105/AJPH.2018.304751
6. **Shover C**, Javanbahkt M, Shoptaw S, Lee S-J, Bolan R, Parsons J, Rendina J, Gorbach P. HIV pre-exposure prophylaxis initiation at a large community clinic: Differences between eligibility, awareness, and uptake. *Am J Public Health*. 2018 Oct 01: 1408-1417. doi: 10.2105/AJPH.2018.304623.
7. Gorbach, P, Javanbakht M, **Shover C**, Bolan R, Ragsdale A, Shoptaw S. Associations Between Cannabis Use, Sexual Behavior, and STIs/HIV In a Cohort of Young Men Who Have Sex with Men. *Sex Transm Dis*. 2018 Oct 01. doi: 10.1097/OLQ.0000000000000919. [Epub ahead of print]
8. Lee JG, DeMarco ME, Beymer MR, **Shover C**, Bolan RK. Tobacco-free policies and tobacco cessation systems at health centers serving lesbian, gay, bisexual, and transgender clients. *LGBT Health*. 2018;5(4):264-269. doi: 10.1089/lgbt.2017.0208. Epub 2018 Apr 16.
9. **Shover C**, Beymer M, Unger E, Javanbahkt M, Bolan R. Accuracy of Presumptive Gonorrhea Treatment for Gay and Bisexual Men: Results from a Large Sexual Health Clinic in Los Angeles, California. *LGBT Health*. 2018;5(2):139-144. doi: 10.1089/lgbt.2017.0115. Epub 2018 Mar 01.
10. Beymer M, DeVost M, Weiss R, Dierst-Davies R, **Shover C**, Benasians C, Talan A, Flynn R, Krysiak R, McLaughlin K, Bolan R. Does HIV Pre-Exposure Prophylaxis Use Lead to a Higher Incidence of Sexually Transmitted Infections? A Case-Crossover Study of Men Who Have Sex with Men in Los Angeles, California. *Sex Transm Infect*. 2018 Sep;94(6):457-462. doi: 10.1136/sextrans-2017-053377. Epub 2018 Feb 27.
11. DeVost M, Beymer M, Weiss R, **Shover C**, Bolan R. App-Based Sexual Partner Seeking and Sexually Transmitted Infection Outcomes: A Cross-Sectional Study of HIV-negative MSM Attending an STI Clinic in Los Angeles, California. *Sex Transm Dis*. 2018 Jun;45(6):394-399. doi: 10.1097/OLQ.0000000000000770.
12. Beymer M, Harawa N, Weiss R, **Shover C**, Toynes B, Meanley S, Bolan R. Are partner race and intimate partner violence associated with incident and newly diagnosed HIV infection in African-American men who have sex with men? *J Urban Health*. 2017 Jun 14. doi: 10.1007/s11524-017-0169-7.
13. Cunningham N, Beymer M, Javanbahkt, M, **Shover C**, Bolan R. Concordance between self-reported STI history and biomedical results among men who have sex with men in Los Angeles, California. *Sex Transm Infect*. 2017;93:514-519.

Works in Progress

1. **Shover C**, Abraham A, D’Aunno T, Friedmann P, Humphreys K. The relationship of Medicaid expansion to psychiatric comorbidity care within substance use disorder treatment programs. In revision at *J Subs Abuse Treat*.
2. **Shover C**, Humphreys K. Predictors of availability of long-acting pharmacotherapy for opioid use disorder. Under review at *Drug Alcohol Depend*.
3. Caputi T, **Shover C**, Watson R. “Physical and Sexual Violence among U.S. Gay, Lesbian, Bisexual, and Questioning Adolescents, 2015-2017.” Submitted.
4. Maitino E, Shafir S, Beymer M, **Shover C**, Cunningham N, Flynn R, Bolan R. Age at First HIV Test for MSM at a Community Health Clinic in Los Angeles. Submitted.
5. **Shover C**, DeVost M, Beymer M, Flores D, Flynn R, Gorbach P, Lyman P, Amico KR, Bolan R. Structural, dosing, and risk change factors affecting discontinuation of pre-exposure prophylaxis (PrEP) in a large urban clinic. Submitted.
6. **Shover C**, McGovern M, Humphreys K. Low utilization of long-acting buprenorphine modalities for OUD. In preparation.
7. **Shover C**, Blodgett J, Jamison A, Finney J, Humphreys K. Impact of CONSORT guidelines on exclusion criteria in alcohol use disorder treatment. In preparation. Project registered at the Open Science Framework: <https://osf.io/b7j5t/>
8. Kharrazi N, **Shover C**, Milkin S, Eisen K. Patient perceptions of a cognitive behavioral therapy group in an acute inpatient psychiatric setting. In preparation.
9. Fulcher J, Javanbakht M, **Shover C**, Ragsdale A, Brookmeyer R, Shoptaw S, Gorbach P. Impact of Methamphetamine Use on Viral Suppression Among MSM on ART. In preparation.
10. **Shover C**, LeBoa C, Dinger T, Lee K, Owens D, Salomon J, Humphreys K. Cost-effectiveness of long-acting buprenorphine versus daily buprenorphine with naloxone for management of opioid use disorder. In preparation.

Other Research Report

Ilango, S and **Shover, C**. Blood-borne virus Wave 2 Investigation Report. Santa Barbara County Public Health Department. October 30, 2015.

GRANTS AND FELLOWSHIPS

2018-2019 Interdisciplinary Pain and Substance Use Disorder Research T32
 2017-2018 UCLA Dissertation Year Fellowship, UCLA Graduate Division
 2014-2017 Epidemiology Department Fellowship, UCLA Graduate Division

2014-2016 Future Public Health Leaders Fellowship, UCLA School of Public Health
2014-2016 Dean's Leadership Grant, UCLA School of Public Health
2010 Summer Research Grant, Harvard College Research Program

HONORS AND AWARDS

2018 Research Scholarship, HIV Research for Prevention
2018 Representative at University of California's Graduate Research Advocacy Day
2018 New Investigator Scholarship, Conference on Retroviruses and Opportunistic Infections
2017 Center for Advancing Longitudinal Drug Abuse Research Summer Institute Tuition Scholarship, UCLA
2016 Network Modeling for Epidemics Tuition Scholarship, University of Washington
2015 Western Users of SAS Software Student Scholarship
2015 ComSciCon National Workshop Attendee
2011 Edward Eager Memorial Fund Prize, Harvard College
2007 United States Presidential Scholar, U.S. Department of Education

RESEARCH EXPERIENCE

Aug 2015- Sep 2018 Epidemiology Assistant, Los Angeles LGBT Center

- Prepare HIV/STI surveillance reports for government agencies.
- Develop clinical questionnaires and manage data.
- Design and conduct research studies in sexual health.

June-Oct 2015 Staff Epidemiologist, Santa Barbara County Public Health Department

- Investigate healthcare-associated Hepatitis C virus outbreak.
- Reviewed medical charts to identify patients at risk of exposure.
- Identified dates with increased risk of virus transmission.

Oct 2014 -June 2015 Graduate Student Researcher, Behavioral Epidemiology Research Group

- Recruited participants online for mStudy cohort.
- Developed standard operating procedures for online recruitment.

TEACHING EXPERIENCE

2019-Present Research Mentor

- Co-mentor for epidemiologic methods for medical student summer research project.
- Advise undergraduate and graduate students on conducting HIV prevention, LGBTQ, and addiction research.

2016-Present Teaching Assistant/Associate

- Challenging Sex and Gender Dichotomies in Medicine (Stanford, Fall 2018)
 - Undergraduate seminar on biology, genetics, and social aspects of sex and gender.
- Applied Sampling (UCLA, Spring 2018)

- Upper division statistics course on sampling methodology.
- Scientific Communication (UCLA, Winter 2018)
 - Graduate level course on scientific writing and presentations.
- Behavioral Epidemiology (UCLA, Spring 2017)
 - Graduate level elective course on quantitative and qualitative methods.
- Introduction to Epidemiology (UCLA, Fall 2016)
 - Foundational methods course on study design for doctoral and masters' students.

2012-Present Workshop Instructor

- University of California, Irvine Summer Healthcare Experience (2014-Present)
- 826 Valencia, San Francisco, CA (2013)
- School for Young Writers, Christchurch, New Zealand (2012-2013)
- Think Tank Learning, Millbrae, CA (2012)

Presentations

1. **Shover C**, Abraham A, D'Aunno T, Friedmann P, Humphreys K. Impact of Affordable Care Act implementation on psychiatric treatment in outpatient substance use disorder treatment settings. Oral presentation. College on Problems of Drug Dependence. San Antonio, TX: June 17, 2019.
2. Humphreys K and **Shover C**. What would happen if Norway legalized cannabis? Oral presentation. Norsk Forening for Avhengighetspsykologi. Oslo, Norway: April 3, 2019.
3. Fulcher J, Javanbakht M, **Shover C**, Ragsdale A, Brookmeyer R, Shoptaw S, Gorbach P. Attributable Risk of Methamphetamine Use on Viral Suppression Among MSM on ART. Poster. Conference on Retroviruses and Opportunistic Infections. Seattle, WA: March 6, 2019.
4. **Shover C**, Flores D, Beymer M, DeVost M, Gorbach P, Flynn R, Amico KR, Chavez P, Lyman P, Toyne B, Bolan R. Online survey about reasons for stopping PrEP is an opportunity to re-engage inactive PrEP clients. Poster. HIV Research for Prevention. Madrid, Spain: October 23, 2018.
5. **Shover C**, Pines H, Shoptaw S, Javanbakht M, Bolan R, Gorbach P. Joint Trajectories of Methamphetamine Use and Viral Load. Poster. Conference on Retroviruses and Opportunistic Infections. Boston, MA: March 7, 2018.
6. **Shover C**, Javanbakht M, Shoptaw S, Bolan R, Gorbach P. High Discontinuation of Pre-exposure Prophylaxis Within Six Months of Initiation. Poster. Conference on Retroviruses and Opportunistic Infections. Boston, MA: March 5, 2018.
7. **Shover C**, Shoptaw S, Javanbakht M, Bolan R, Gorbach P. Engagement in the HIV Pre-exposure Prophylaxis Care Cascade for MSM with High-Risk Non-Injection Substance Use: Results from a Sexual Health Clinic in Los Angeles, California. Poster. Center for Advancing Longitudinal Drug Abuse Research Summer Institute & International Global Health Conference. Los Angeles, CA: August 16, 2017.

OTHER EMPLOYMENT

2013-2014 Fellowship Coordinator, University of California Irvine School of Medicine
2013 Sub Editor, The Christchurch Star Company, Christchurch, New Zealand
2012 Reporter, Mainland Press, Christchurch, New Zealand
2011-2012 Content Associate, Inflection, LLC, Redwood City, CA
2009 Features Intern, South China Morning Post, Hong Kong

SERVICE

2017-Present Reviewer: *Addiction, Drug and Alcohol Dependence, JAIDS, Archives of Sexual Behavior*, American Public Health Association
2014-Present University of California, Irvine Summer Healthcare Experience
Lead college preparation workshops for high school girls.
2017 Science Ambassador, March for Science Los Angeles
2015-2016 Co-President, UCLA Public Health Student Association

TRAININGS ATTENDED

Summer Institute: Precision Research in Addiction, HIV, and Care, UCLA Center
for Advancing Longitudinal Drug Abuse Research, August 15-17, 2017
Principles of STD/HIV Research, University of Washington, July 17-27, 2017
Queering Wellness, Southern California LGBT Health Conference, February 18, 2017
Integrating Substance Use, Mental Health, and Primary Care Services, UCLA Integrated
Substance Abuse Program, October 19, 2016
Network Modeling of Epidemics, University of Washington, August 29 – September 2, 2016
Western Users of SAS Software, San Diego, September 7-9, 2015
ComSciCon National Workshop, Harvard University, June 18-21, 2015

PROFESSIONAL AFFILIATIONS

2018-Present Delta Omega Honor Society in Public Health
2017-Present Society for Epidemiologic Research

PROFESSIONAL SKILLS

SAS; Stata; SQL; R; LaTeX; Qualtrics; TreeAge Pro (decision tree analysis); Carto DB
(geographic information system), Microsoft Office Suite

LANGUAGES

Mandarin Chinese, conversational; Spanish, conversational