

Chelsea L. Shover, PhD

Curriculum vitae

Stanford University
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EDUCATION

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

BA, English

Harvard College, May 2011

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

RESEARCH EXPERIENCE

Postdoctoral Research Fellow

Aug 2018 - Present

Stanford University School of Medicine, Palo Alto, CA

- Design and conduct research studies on substance use disorders, health services, drug policy.
- Trainee on NIDA-funded T32, faculty mentor Keith Humphreys, PhD

Epidemiology Assistant

Aug 2015 - Sep 2018

Los Angeles LGBT Center, Los Angeles, CA

- Design and conduct research studies on LGBTQ health, HIV prevention, sexual health.
- Develop clinical questionnaires and manage data; prepare HIV/STI surveillance reports.

Staff Epidemiologist

Jun - Oct 2015

Santa Barbara County Public Health Department, Santa Barbara, CA

- Investigate Hepatitis C virus outbreak associated with private outpatient medical clinic.
- Contact patients, obtain test results, manual chart review to construct potential exposure timeline.

Graduate Student Researcher

Oct 2014 - Jun 2015

Fielding School of Public Health, University of California Los Angeles, Los Angeles, CA

- Assist with projects in Behavioral Epidemiology Research Group.
- Recruited participants online for mStudy cohort; developed standard operating procedures.

PUBLICATIONS

Peer Reviewed Journal Articles

1. **Shover C**, Humphreys K. Predictors of availability of long-acting pharmacotherapy for opioid use disorder. *Drug Alcohol Depend.* In press.

2. **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.](#) *J Subs Abuse Treat*. In press. doi <https://doi.org/10.1016/j.jsat.2019.07.012>
3. **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*. 2019 Jun 10. doi [10.1073/pnas.1903434116](https://doi.org/10.1073/pnas.1903434116)
4. Shackett B, Blanco J, Hightow-Weidman L, Mgodini N, Alcamí J, Buchbinder S, ..., **Shover C**, et al. [HIVR4P 2018: From Research to Impact Conference Summary and Highlights.](#) *AIDS Res Hum Retroviruses*. 2019 May 29. doi [10.1089/AID.2019.0074](https://doi.org/10.1089/AID.2019.0074)
5. **Shover C**, Javanbakhht 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, CA.](#) *AIDS Behav*. 2019 Apr 05. doi [10.1007/s10461-019-02493-w](https://doi.org/10.1007/s10461-019-02493-w)
6. **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](https://doi.org/10.1080/00952990.2019.1569669)
7. **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](https://doi.org/10.2105/AJPH.2018.304751)
8. **Shover C**, Javanbakhht 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](https://doi.org/10.2105/AJPH.2018.304623).
9. Gorbach, P, Javanbakhht 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](https://doi.org/10.1097/OLQ.0000000000000919). [Epub ahead of print]
10. 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](https://doi.org/10.1089/lgbt.2017.0208). Epub 2018 Apr 16.
11. **Shover C**, Beymer M, Unger E, Javanbakhht 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](https://doi.org/10.1089/lgbt.2017.0115). Epub 2018 Mar 01.
12. 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](https://doi.org/10.1136/sextrans-2017-053377). Epub 2018 Feb 27.
13. 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.

14. 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.
15. 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.

Other Research Report

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

INVITED TALKS

1. **Shover, C**. Cannabis or Can'tabis: Observed and potential relationships between marijuana policy and public health. Nevada State Medical Association. 2019.
2. **Shover, C**. HIV pre-exposure prophylaxis uptake and retention in Los Angeles. RAND Santa Monica. 2019.
3. Humphreys K and **Shover C**. What would happen if Norway legalized cannabis? Norsk Forening for Avhengighetspsykologi. Oslo, Norway. 2019.

SCIENTIFIC MEETING PRESENTATIONS (NATIONAL/INTERNATIONAL)

1. **Shover C**, McGovern M, Humphreys K. Low utilization of long-acting buprenorphine modalities for OUD. Addiction Health Services Research (2019). Park City, UT, poster presentation.
2. **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. College on Problems of Drug Dependence (2019). San Antonio, TX, oral presentation.
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. Conference on Retroviruses and Opportunistic Infections (2019). Seattle, WA, poster presentation.
4. **Shover C**, Flores D, Beymer M, DeVost M, Gorbach P, Flynn R, Amico KR, Chavez P, Lyman P, Toynes B, Bolan R. Online survey about reasons for stopping PrEP is an opportunity to re-engage inactive PrEP clients. HIV Research for Prevention (2018). Madrid, Spain, poster presentation.
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 (2018). Boston, MA, poster presentation.

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 (2018). Boston, MA, poster presentation.

GRANTS AND FELLOWSHIPS

2018-2020 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 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

TEACHING EXPERIENCE

2018-Present Research Mentor

- Co-mentor for epidemiologic methods for medical student summer research project.
- Advise undergraduate and graduate students on conducting HIV 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 undergraduate 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)
 - Graduate level foundational methods course on study design.

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)

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 (2017)
Principles of STD/HIV Research, University of Washington (2017)
Queering Wellness, Southern California LGBT Health Conference (2017)
Integrating Substance Use, Mental Health, and Primary Care Services, UCLA Integrated Substance Abuse Program (2016)
Network Modeling of Epidemics, University of Washington (2016)
Western Users of SAS Software, San Diego (2015)
ComSciCon National Workshop, Harvard University (2015)

PROFESSIONAL AFFILIATIONS

2019-Present College on Problems of Drug Dependence, Associate Member
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