



SAN DIEGO STATE
UNIVERSITY

CURRICULUM VITAE

Heather A. Pines

School of Public Health
San Diego State University
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EDUCATION

Completion Date: 2013 Degree: Doctor of Philosophy (PhD)	Institution: University of California, Los Angeles Major Field: Epidemiology
Completion Date: 2009 Degree: Master of Public Health (MPH)	Institution: University of Washington Major Field: Epidemiology; Certificate: Global Health
Completion Date: 2006 Degree: Bachelor of Arts (BA)	Institution: University of California, Berkeley Major Field: Molecular and Cell Biology, Immunology

ACADEMIC POSITIONS AND APPOINTMENTS

2021 – Present Division of Epidemiology and Biostatistics School of Public Health, San Diego State University	Assistant Professor Epidemiology
2021 – Present Herbert Wertheim School of Public Health and Human Longevity Science and Division of Infectious Diseases and Global Public Health, Department of Medicine, University of California, San Diego	Associate Professor Epidemiology
2020 – 2021 Herbert Wertheim School of Public Health and Human Longevity Science, University of California, San Diego	Concentration Lead Epidemiology, MPH Program
2019 – 2021 Herbert Wertheim School of Public Health and Human Longevity Science, University of California, San Diego	Assistant Professor Epidemiology
2015 – 2021 Division of Infectious Diseases and Global Public Health, Department of Medicine, University of California, San Diego	Assistant Professor Global Public Health
2014 – 2015 Division of Infectious Diseases and Global Public Health, Department of Medicine, University of California, San Diego	Postdoctoral Fellow Global Public Health

PROFESSIONAL GROWTH

Denotes *student, ^global, and ^^community partner co-authors.

REFEREED JOURNAL ARTICLES

1. Bazzi AR, Valasek CJ, Streuli SA, Vera CF, Harvey-Vera A, Philbin MM, Biello KB, Roth AM, Strathdee SA, **Pines HA**. Long-acting injectable HIV pre-exposure prophylaxis preferred over other modalities among people who inject drugs: findings from a qualitative study in California. *AIDS Patient Care & STDs*. 2022; In Press. (Journal Ranking [JR] = 2nd percentile; Impact Factor [IF] = 5.078)
2. Espinosa da Silva C,* **Pines HA**, Patterson TL, Semple SJ, Harvey-Vera A, Strathdee SA, Martinez G,^ Pitpitan EV, Smith LR. Psychometric evaluation of the Personal Feelings Questionnaire-2 shame subscale among Spanish-speaking female sex workers in Mexico. *Assessment*. 2022;29(3):488-498. PMID: PMC8236494. (JR = 9th percentile; IF = 4.667)

Contribution: Dr. Pines provided mentored guidance, supervised the design of the study, and manuscript writing, and critically revised the manuscript throughout the preparation and publication process.
3. Semple SJ, **Pines HA**, Pitpitan EV, Harvey-Vera A, Martinez G,^ Rangel MG,^ Strathdee SA, Patterson TL. Correlates of impulsivity among female sex workers in Mexico. *Health Care for Women International*. 2021; In Press. PMID: PMC8866522 (JR = 48th percentile; IF = 1.373)

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.
4. **Pines HA**, Semple SJ, Magis-Rodríguez C,^ Harvey-Vera A, Strathdee SA, Patrick R,* Rangel G,^ Patterson TL. A comparison of the effectiveness of respondent-driven and venue-based sampling for identifying undiagnosed HIV infection among cisgender men who have sex with men and transgender women in Tijuana, Mexico. *Journal of the International AIDS Society*. 2021;24(3):e25688. PMID: PMC7987819. (JR = 2nd percentile; IF = 5.396)
5. Bristow CC, Espinosa da Silva C,* Harvey-Vera A, Gonzalez-Fagoaga JE,^ Rangel G,^ **Pines HA**. Prevalence of bacterial sexually transmitted infections and co-infection with HIV among men who have sex with men and transgender women in Tijuana, Mexico. *International Journal of STD & AIDS*. 2021;32(8):751-757. PMID: PMC8154699. (JR = 38th percentile; IF = 1.359)
6. Vrancken B,^ Mehta SR, Ávila-Ríos S,^ García-Morales C,^ Tapia-Trejo D,^ Reyes-Terán G,^ Navarro-Álvarez S,^ Little SJ, Hoenigl M, **Pines HA**, Patterson T, Strathdee SA, Smith DM, Dellicour S,^ Chaillon A. Dynamics and Dispersal of Local Human Immunodeficiency Virus Epidemics within San Diego and Across the San Diego-Tijuana Border. *Clinical Infectious Diseases*. 2021;73(7):e2018-e2025. PMID: PMC8492140. (JR = 4th percentile; IF = 9.079)

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.
7. Patterson TL, Pitpitan EV, **Pines HA**, Semple SJ, Harvey-Vera A, Depp C, Moore DJ, Martinez G,^ Rangel MG,^ Strathdee SA. A Randomized Controlled Trial of a Texting Intervention to Maintain Sexual Risk Reduction with Clients Among Female Sex Workers in Tijuana and Ciudad Juarez, Mexico. *AIDS and Behavior*. 2020;24(12):3306-3319. (JR = 5th percentile; IF = 3.895).

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.
8. Skaathun B, **Pines HA**, Patterson TL, Semple SJ, Pekar J, Harvey-Vera A, Rangel G,^ Mehta SR. Recent HIV infection among men who have sex with men and transgender women in Tijuana, Mexico. *Revista de Saúde Pública*. 2020;54:82. PMID: PMC7446761. (JR = 30th percentile; IF = 2.106)

Contribution: Dr. Pines contributed to the design of the study, oversaw data collection, analyzed sequence data, assisted with the interpretation of study findings, helped draft and critically revise the manuscript.

9. Jain J,* Strathdee SA, Patterson TL, Semple SJ, Harvey-Vera A, Magis-Rodríguez C,^ Martinez G,^ **Pines HA**. Perceived barriers to pre-exposure prophylaxis use and the role of syndemic factors among female sex workers in the Mexico-United States border region: a latent class analysis. *AIDS Care*. 2019;32(5):557-566. PMID: PMC6891112. (JR = 19th percentile; IF = 2.32)

10. **Pines HA**, Patrick R,* Smith DM, Harvey-Vera A, Blumenthal JS, Rangel G,^ Semple SJ, Patterson TJ. HIV prevention method preferences within sexual partnerships reported by HIV-negative MSM and TW in Tijuana, Mexico. *AIDS and Behavior*. 2019;24(3):839-46. PMID: PMC6776706. (JR = 5th percentile; IF = 3.895).

11. Semple SJ, **Pines HA**, Harvey-Vera A, Pitpitan EV, Martinez G,^ Rangel MG,^ Strathdee SA, Patterson TL. Maternal role strain and depressive symptoms among female sex workers in Mexico: the moderating role of sex work venue. *Women and Health*. 2019;60(3):284-99. PMID: PMC6911002. (JR = 44th percentile; IF = 1.739)

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.

12. Semple SJ, Pitpitan EV, **Pines HA**, Harvey-Vera A, Martinez G,^ Rangel MG,^ Strathdee SA, Patterson TL. Hazardous alcohol consumption moderates the relationship between safer sex maintenance strategies and condomless sex with clients among female sex workers in Mexico. *Health Education & Behavior*. 2019;47(1):14-23. PMID: 31434502. (JR = 29th percentile; IF = 2.623)

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.

13. Espinosa da Silva C,* Smith LR, Patterson TL, Semple SJ, Harvey-Vera A, Nunes S,* Rangel G,^ **Pines HA**. Stigma and web-based sex seeking among men who have sex with men and transgender women in Tijuana, Mexico: cross-sectional study. *Journal of Medical Internet Research Public Health and Surveillance*. 2019;6(1):e14803. PMID: PMC7055757. (JR = none; IF = 4.11)

14. Patrick R,* Jain J,* Harvey-Vera A, Semple SJ, Rangel G,^ Patterson TL, **Pines HA**. Perceived barriers to pre-exposure prophylaxis use among HIV-negative men who have sex with men in Tijuana, Mexico: a latent class analysis. *PLoS One*. 2019;14(8):e0221558. PMID: PMC6705824. (JR = 7th percentile; IF = 2.74)

15. Patterson TL, Semple SJ, Abramovitz D, Harvey-Vera A, **Pines HA**, Verdugo S, Depp C, Moore DJ, Martinez G,^ Rangel MG,^ Strathdee SA. Impact of time perspectives on texting intervention to reduce HIV/STI transmission among female sex workers in Tijuana and Ciudad Juarez, Mexico. *Journal of Behavioral Medicine*. 2019;42(1):111-27. PMID: PMC6326895. (JR = 18th percentile; IF = 2.96)

Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.

16. **Pines HA**, Strathdee SA, Hendrix CW, Bristow CC, Harvey-Vera A, Magis-Rodríguez C,^ Martinez G,^ Semple SJ, Patterson TL. Oral and vaginal HIV pre-exposure prophylaxis product attribute preferences among female sex workers in the Mexico-US border region. *International Journal of STD & AIDS*. 2019;30(1):45-55. PMID: PMC6391168. (JR = 38th percentile; IF = 1.359)

17. Jain JP,* Bristow CC, **Pines HA**, Harvey-Vera A, Rangel G,^ Staines H,^ Patterson TL, Strathdee SA. Factors in the HIV risk environment associated with bacterial vaginosis among HIV-negative female sex workers who inject drugs in the Mexico-United States border region. *BMC Public Health*. 2018;18(1):1032. PMID: PMC6102857. (JR = 11th percentile; IF = 2.567)

Contribution: Dr. Pines provided mentored guidance, supervised the design of the study, and manuscript writing, and critically revised the manuscript throughout the preparation and publication process.

18. **Pines HA**, Semple SJ, Strathdee SA, Hendrix CW, Harvey-Vera A, Gorbach PM, Magis-Rodríguez C,^ Martinez G,^ Patterson TL. Vaginal washing and lubrication among female sex workers in the Mexico-US border region: implications for the development of vaginal PrEP for HIV prevention. *BMC Public Health*. 2018;18(1):1009. PMID: PMC6092873. (JR = 11th percentile; IF = 2.567)
19. Semple SJ, **Pines HA**, Strathdee SA, Vera AH, Rangel G,^ Magis-Rodríguez C,^ Patterson TL. Uptake of a partner notification model for HIV among men who have sex with men and transgender women in Tijuana, Mexico. *AIDS and Behavior*. 2018;22(7):2042-55. PMID: PMC5960597. (JR = 5th percentile; IF = 3.895)
Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.
20. **Pines HA**, Karris MY, Little SJ. Sexual partner concurrency among partners reported by MSM with recent HIV infection. *AIDS and Behavior*. 2017;21(10):3026-34. PMID: PMC5983362. (JR = 5th percentile; IF = 3.895)
21. **Pines HA**, Wertheim JO, Liu L, Garfein RS, Little SJ, Karris MY. Concurrency and HIV transmission network characteristics among men who have sex with men with recent HIV infection. *AIDS*. 2016;30(18):2875-83. PMID: PMC5279958. (JR = 5th percentile; IF = 4.177)
22. **Pines HA**, Goodman-Meza D, Pitpitan EV, Torres K,^^ Semple SJ, Patterson TL. HIV testing among men who have sex with men in Tijuana, Mexico: a cross-sectional study. *BMJ Open*. 2016;6(2):e010388. PMID: PMC4746448. (JR = 10th percentile; IF = 2.692)
23. **Pines HA**, Gorbach PM, Weiss RE, Reback CJ, Landovitz RJ, Mutchler MG, Mitsuyasu RT. Individual-level, partnership-level and sexual event-level predictors of condom use during receptive anal intercourse among HIV-negative men who have sex with men in Los Angeles. *AIDS and Behavior*. 2016;20(6):1315-26. PMID: PMC4833727. (JR = 5th percentile; IF = 3.895)
24. Bazzi AR, Rangel G,^ Martinez G,^ Ulibarri MD, Syvertsen JL, Bazzi SA, Roesch S, **Pines HA**, Strathdee SA. Incidence and predictors of HIV and sexually transmitted infections among female sex workers and their intimate male partners in Northern Mexico: a longitudinal, multilevel study. *American Journal of Epidemiology*. 2015;181(9):723-31. PMID: PMC4408950. (JR = 12th percentile; IF = 4.897)
Contribution: Dr. Pines contributed to the interpretation of study findings and critically revised the manuscript.
25. **Pines HA**, Rusch ML, Vera A, Rangel G,^ Magis-Rodríguez C,^ Strathdee SA. Incident syphilis infection among people who inject drugs in Tijuana, Mexico. *International Journal of STD & AIDS*. 2015;26(14):1022-7. PMID: PMC5647157. (JR = 38th percentile; IF = 1.359)
26. **Pines HA**, Patterson TL, Rangel G,^ Martinez G,^ Bazzi AR, Ulibarri MD, Syvertsen JL, Martin NK, Strathdee SA. STI/HIV test result disclosure between female sex workers and their primary, non-commercial male partners in two Mexico-US border cities: a prospective study. *Sexually Transmitted Infections*. 2015;91(3):207-13. PMID: PMC4390518. (JR = 9th percentile; IF = 3.519)
27. Gorbach PM, **Pines H**, Javanbakht M, Weiss RE, Jeffries R, Cranston RD, Fuchs EJ, Hezerah M, Brown S, Voskanian A, Anton P. Order of orifices: sequence of condom use and ejaculation by orifice during anal intercourse among women: implications for HIV transmission. *Journal of Acquired Immune Deficiency Syndromes*. 2014;67(4):424-9. PMID: PMC4217134. (JR = 3rd percentile; IF = 3.475)
Contribution: Dr. Pines analyzed the data, contributed to the interpretation of study findings, helped draft the original manuscript, and critically revised the manuscript.

28. **Pines HA**, Gorbach PM, Reback CJ, Landovitz RJ, Mutchler MG, Mitsuyasu R. Commercial lubricant use among HIV-negative men who have sex with men in Los Angeles: implications for the development of rectal microbicides for HIV prevention. *AIDS Care*. 2014;26(12):1609-18. PMID: PMC4188690. (JR = 19th percentile; IF = 2.32)
 29. **Pines HA**, Gorbach PM, Weiss RE, Shoptaw S, Landovitz RJ, Javanbakht M, Ostrow DG, Stall RD, Plankey M. Sexual risk trajectories among MSM in the United States: implications for pre-exposure prophylaxis delivery. *Journal of Acquired Immune Deficiency Syndromes*. 2014;65(5):579-86. PMID: PMC4026016. (JR = 3rd percentile; IF = 3.475)
 30. **Pines HA**, Gorbach PM, Weiss RE, Hess K, Murphy R, Saunders T, Brown J, Anton PA, Cranston RD. Acceptability of potential rectal microbicides delivery systems for HIV prevention: a randomized crossover trial. *AIDS and Behavior*. 2013;17(3):1002-15. PMID: PMC3594349. (JR = 5th percentile; IF = 3.895)
 31. Burrell ER, **Pines HA**, Robbie E, Colemon L, Murphy RD, Hess KL, Anton P, Gorbach PM. Use of the location-based social networking application GRINDR as a recruitment tool in rectal microbicide development research. *AIDS and Behavior*. 2012;16(7):1816-20. PMID: PMC3692292. (JR = 5th percentile; IF = 3.895)
- Contribution: Dr. Pines oversaw data collection, contributed to data analysis and interpretation, helped draft the original manuscript, and critically revised the manuscript.
32. **Pines H**, Koutsky L, Buskin S. Cigarette smoking and mortality among HIV-infected individuals in Seattle, Washington (1996 – 2008). *AIDS and Behavior*. 2011;15(1):243-51. (JR = 5th percentile; IF = 3.895)

CONFERENCES

1. **Pines HA**, Smith LR, Alгарin AB, Zapien-Vasquez MF, ^ Padilla-Garcia R, ^^ Navarro-Alvarez S, ^ Pitpitan EV. Social network characteristics and HIV prevention and care engagement among transgender women in Tijuana, Mexico. Poster presentation at the *24th International AIDS Conference*, Montreal, Canada; July 2022.
2. **Pines HA**, Valasek CJ, Streuli SA, Vera CF, Harvey-Vera A, Strathdee SA, Bazzi AR. Long-acting injectable HIV pre-exposure prophylaxis interest among people who inject drugs in the San Diego-Tijuana border region. Poster presentation at the *24th International AIDS Conference*, Montreal, Canada; July 2022.
3. Bazzi AR, Valasek CJ, Vera CF, Harvey-Vera A, Philbin M, Biello KB, Strathdee SA, **Pines HA**. Acceptability of various HIV pre-exposure prophylaxis modalities among people who inject drugs: findings from a qualitative study in San Diego County, CA, USA. Poster presentation at the *24th International AIDS Conference*, Montreal, Canada; July 2022.
4. Patrick R,* Smith LR, Harvey-Vera A, Shaffer RA, Brodine SK, Rangel G, Patterson TL, **Pines HA**. Leveraging core-periphery venue affiliation network structure to inform targeted venue-based HIV prevention strategies for MSM and TW in Tijuana, Mexico. Poster presentation at the *42nd Social Networks Conference of the International Network for Social Network Analysis (Sunbelt)*, Cairns, Australia; July 2022.
5. Cirilo A, Smith LR, Navarro S, ^ Pitpitan EV, **Pines HA**, Alгарin AB. The interplay between Pre-exposure Prophylaxis (PrEP) and Transgender Stigma as Barriers to PrEP Uptake in Transgender Women in Tijuana, Mexico: A qualitative study. Poster presentation at the *6th Annual UCSD Public Health Research Day*, La Jolla, CA; May 2022.

6. **Pines HA**, Mehta SR, Abramovitz D, Harvey-Vera A, Patterson TL, Rafful C, ^ Rangel G, ^ Strathdee A, Chaillon A. Dynamics of HIV transmission between high-risk populations in Tijuana. Science Spotlight Presentation (652) at the *Conference on Retroviruses and Opportunistic Infections (CROI)*, virtual; March 2021.
7. Espinosa da Silva C, * **Pines HA**, Patterson TL, Semple S, Harvey-Vera A, Strathdee S, Martinez G, ^ Pitpitan E, Smith LR. Psychometric evaluation of the Personal Feelings Questionnaire-2 (PFQ-2) shame subscale among Spanish-speaking female sex workers in Mexico. Accepted for poster presentation at the *41st Society of Behavioral Medicine Annual Meeting*, San Francisco, CA; April 2020 – meeting cancelled due to COVID-19 pandemic.
8. Skaathun B, **Pines HA**, Patterson TL, Harvey-Vera A, Rangel G, ^ Semple SJ, Mehta S. HIV incidence among men who have sex with men and transgender women in Tijuana, Mexico. Oral presentation (WEAC0105) at the *10th International AIDS Society Conference on HIV Science*, Mexico City, Mexico; July 2019.
9. Espinosa da Silva C, * Smith LR, Patterson TL, Semple SJ, Harvey-Vera A, Nunes S, * Rangel G, ^ **Pines HA**. Stigma and online sex-seeking among men who have sex with men and transgender women in Tijuana, Mexico. Poster and mini-oral presentation (WEPDC0103) at the *10th International AIDS Society Conference on HIV Science*, Mexico City, Mexico; July 2019.
10. Bristow CC, Espinosa da Silva C, * Harvey-Vera H, Gonzalez-Fagoaga JE, ^ Rangel G, ^ **Pines HA**. Prevalence of bacterial sexually transmitted infections and co-infection with HIV among MSM and TW in Tijuana, Mexico. Poster presentation (P774) at the *STI & HIV World Congress (Joint Meeting of the 23rd International Society for Sexually Transmitted Disease Research and 20th International Union Against Sexually Transmitted Infections)*, Vancouver, Canada; July 2019.
11. Barajas K, * Crucillo R, * Vo A, * **Pines HA**, Binkin N. Sources of health information for the busy UCSD student: assessing the effectiveness of Health Promotion Services' health messaging program. Poster presentation at *UCSD Public Health Research Day*, San Diego, CA; April 2019.
12. Skaathun B, **Pines HA**, Patterson TL, Harvey-Vera A, Rangel G, ^ Semple SJ, Mehta S. HIV incidence among men who have sex with men and transgender women in Tijuana, Mexico. Oral presentation at the *CFAR HIV Research Day*, San Diego, CA; December 2018.
13. Patrick R, * Jain J, * Harvey-Vera A, Semple SJ, Rangel G, ^ Patterson TL, **Pines HA**. Perceived Barriers to Pre-Exposure Prophylaxis Use among HIV-negative Men Who Have Sex with Men and Transgender Women in Tijuana, Mexico: A Latent Class Analysis. Poster presentation at the *22nd International AIDS Conference*, Amsterdam, the Netherlands; July 2018.
14. Benmarhnia T, **Pines HA**. Teaching Reproducibility in Epidemiology: a new course for future epidemiologists. Oral presentation at the *Society for Epidemiologic Research*, Baltimore, MD; June 2018.
15. Jain J, * Strathdee SA, Patterson TL, Semple SJ, Harvey-Vera A, Magis-Rodríguez C, ^ Martinez G, ^ **Pines HA**. Impact of syndemic conditions on perceived barriers to pre-exposure prophylaxis use among female sex workers along Mexico's Northern Border. Poster presentation (213) at the *College on Problems and Drug Dependence*, San Diego, CA; June 2018.
16. **Pines HA**, Patrick R, * Morris M, Semple SJ, Harvey-Vera A, Fowler JH, Rangel G, ^ Patterson TL. Relationship between substance use and sexual network characteristics among men who have sex with men and transgender women in Tijuana, Mexico. Poster presentation (172) at the *College on Problems and Drug Dependence*, San Diego, CA; June 2018.

17. **Pines HA**, Patrick R,* Morris M, Semple SJ, Harvey-Vera A, Fowler JH, Rangel G,^ Patterson TL. Relationship between substance use and sexual network characteristics among MSM and TW in Tijuana, Mexico. Poster presentation at the *NIDA International Forum*, San Diego, CA; June 2018.
18. Patrick R,* Harvey-Vera H, Semple SJ, Rangel G,^ Patterson TL, **Pines HA**. Individual, partner, and partnership characteristics associated with trust within casual partnerships reported by HIV-negative men who have sex with men and transgender women in Tijuana, Mexico. Poster presentation at *UC Global Health Day*, San Diego, CA; April 2018.
19. Qi T,* Moreno A,* Frausto C,* Samaniego-Kraus L, Fish M, Novak M, Binkin N, **Pines H**. Compliance with UCSD's Alcohol Policy at On-Campus Alcohol-Serving Venues, 2018. Poster presentation at *UCSD Public Health Research Day*, San Diego, CA; April 2018.
20. Shover CL,* **Pines HA**, Shoptaw S, Javanbakht M, Bolan R, Gorbach P. Joint trajectories of methamphetamine use and HIV viral load. Poster presentation (968) at the *Conference on Retroviruses and Opportunistic Infections*, Boston, MA; March 2018.
21. **Pines HA**, Skaathun B, Smith DM, Fowler JH, Harvey-Vera A, Rangel G,^ Semple SJ, Patterson TL. Influence of sexual network characteristics on willingness to use PrEP among MSM in Tijuana, Mexico. Oral presentation at the *1st North American Social Network Conference*, Washington DC; July 2017.
22. **Pines HA**, Smith DM, Harvey-Vera A, Rangel G,^ Semple SJ, Patterson TL. HIV prevention method preferences within sexual partnerships reported by HIV-negative MSM in Tijuana, Mexico. Poster presentation (WEPEC0955) at the *9th International AIDS Society Conference on HIV Science*, Paris, France; July 2017.
23. Bristow CC, Klausner JD, Morris SR, Vera A, Vargas-Ojeda AC,^ **Pines HA**, Semple SJ, Patterson TL. Antibiotic use for genitourinary symptoms among female sex workers in Tijuana, Mexico. Poster presentation at the *STI & HIV World Congress (Joint Meeting of the 22nd International Society for Sexually Transmitted Disease Research and the 18th International Union Against Sexually Transmitted Infections)*, Rio de Janeiro, Brazil; July 2017.
24. **Pines HA**, Strathdee SA, Hendrix CW, Bristow CC, Harvey-Vera A, Magis-Rodríguez C,^ Martinez G,^ Semple SJ, Patterson TL. Willingness to use pre-exposure prophylaxis among female sex workers in the Mexico-United States border region. Poster presentation (554) at the *STI & HIV World Congress (Joint Meeting of the 22nd International Society for Sexually Transmitted Disease Research and the 18th International Union Against Sexually Transmitted Infections)*, Rio de Janeiro, Brazil; July 2017.
25. **Pines HA**, Karris MY, Little SJ. Sexual Partner Concurrency among partners of MSM with recent HIV infection. Poster presentation (THPEC170) at the *21st International AIDS Conference*, Durban, South Africa; July 2016.
26. **Pines HA**, Goodman-Meza D, Pitpitan EV, Torres K,^^ Semple SJ, Patterson TL. HIV testing among men who have sex with men and transgender women in Tijuana, Mexico. Mini oral and poster presentation (73) at the *3rd UCSD Postdoc Research Symposium*, La Jolla, California; September 2015.
27. **Pines HA**, Gorbach PM, Weiss RE, Reback CJ, Landovitz RJ, Mutchler MG, Mitsuyasu R. Individual- and partnership-level predictors of condom use during receptive anal intercourse among HIV-negative MSM in Los Angeles. Poster presentation at the *18th US Conference on AIDS*, San Diego, California; October 2014.
28. Robertson AM, Rangel G, Martinez G, Ulibarri MD, Syvertsen JL, Bazzi SA, Roesch S, **Pines HA**, Strathdee SA. Incidence and predictors of HIV and sexually transmitted infections among high risk heterosexual couples in Northern Mexico: a prospective, multilevel study. Oral poster presentation at the *20th International AIDS Conference*, Melbourne, Australia; July 2014.

29. **Pines HA**, Gorbach PM, Weiss RE, Shoptaw S, Ostrow DG, Stall RD, Plankey M. Sexual risk trajectories among MSM in the United States: implications for PrEP delivery. Oral presentation (O23.1) at the *STI & AIDS World Congress (Joint Meeting of the 20th International Society for Sexually Transmitted Disease Research and the 14th International Union Against Sexually Transmitted Infections)*, Vienna, Austria; July 2013.
30. Gorbach PM, **Pines HA**, Javanbakht M, Bolan R, Weiss RE. Concurrency & seromixing among MSM with recent HIV infection and new HIV diagnosis: implications for PrEP. Poster presentation (P3.415) at the *STI & AIDS World Congress (Joint Meeting of the 20th International Society for Sexually Transmitted Disease Research and the 14th International Union Against Sexually Transmitted Infections)*, Vienna, Austria; July 2013.
31. Gorbach PM, Feaster DJ, **Pines HA**, Gomez Z, Castro J, Bolan R, Henn S, Douaihy A, Golden M, Metsch L. Rectal lubricant use & incident STI infections at 9 US STD clinics. Poster presentation (P3.137) at the *STI & AIDS World Congress (Joint Meeting of the 20th International Society for Sexually Transmitted Disease Research and the 14th International Union Against Sexually Transmitted Infections)*, Vienna, Austria; July 2013.
32. **Pines HA**, Gorbach PM, Weiss RE, Hess K, Murphy R, Saunders T, Coleman L, Robbie E, Cranston RD, Anton P. Simplifying acceptability. Mini oral presentation (562) at the *International Microbicides Conference*, Sydney, Australia; April 2012.
33. Gorbach PM, Jeffries R, Weiss RE, Cranston RD, Fuchs EJ, Javanbakht M, Hezerah M, Brown S, Voskianian A, **Pines HA**, Anton P. Order of orifices: Sequence of insertion and ejaculation locations during anal intercourse for women: implications for HIV transmission risk. Oral presentation at the *International Microbicides Conference*, Sydney, Australia; April 2012.
34. **Pines H**, Gorbach P, Weiss R, Hess K, Murphy R, Saunders T, Coleman L, Robbie E, Brown J, Cranston R, Anton P. Acceptability of potential rectal microbicide delivery mechanisms for HIV prevention. Oral presentation (MOAC0302) at the *6th International AIDS Society Conference on HIV Pathogenesis, Treatment, and Prevention*, Rome, Italy; July 2011.

SCHOLARLY AWARDS

1. 2014 – 2015 NIDA T32 Postdoctoral Fellow (T32 DA023356; PI: Strathdee), Training Program in Substance Use, HIV, and Related Infections, Division of Infectious Diseases and Global Public Health, Department of Medicine, University of California, San Diego
2. 2014 Dean's Outstanding Student Award, Fielding School of Public Health, University of California, Los Angeles
3. 2014 Delta Omega Honorary Society in Public Health (Iota Chapter)
4. 2012 – 2013 NIMH F31 Predoctoral Fellow (F31 MH097620; PI: Pines), Ruth L. Kirschstein National Research Service Award, Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles
5. 2012 Research Travel Award, AIDS Institute and Center for AIDS Research, University of California, Los Angeles
6. 2012 Microbicides Conference 2012 Scholarship
7. 2012 Behavioral Sciences Seed Grant, AIDS Institute and Center for AIDS Research, University of California, Los Angeles
8. 2011 Carpenter Memorial Fellowship for Research in Developing Countries, Fielding School of Public Health, University of California, Los Angeles
9. 2011 Raymond D. Goodman Scholarship for Scholastic Excellence, Fielding School of Public Health, University of California, Los Angeles
10. 2006 Dean's Honor List, University of California, Berkeley

TEACHING EFFECTIVENESS

TEACHING EXPERIENCE**San Diego State University**

- 2022 PH 623: Epidemiological Methods
Epidemiology Concentration Core Course
Lead Instructor, 32 MPH students, 40 contact hours
- 2021 PH 820A: Modern Epidemiology Methods I
Epidemiology Track Core Course
Lead Instructor, 10 PhD students, 40 contact hours
- 2021 PH 601: Epidemiology
Public Health Core Course
“Assessing the Validity and Reliability of Diagnostic and Screening Tools”
Guest Lecturer, 60 MPH students, 2 contact hours
- 2019 PH 820A: Modern Epidemiology Methods I
Epidemiology Track Core Course
“Measures of Effect and Association”
Guest Lecturer, 10 PhD students, 2 contact hours

University of California, San Diego

- 2022 FMPH 101: Introduction to Epidemiology
BSPH core course in epidemiologic methods
“Cohort Studies”
Guest Lecturer, 60 Bachelor of Science in Public Health (BSPH) students, 3 contact hours
- 2020 – 2021 FMPH 401: Introduction to Epidemiology
MPH core course in epidemiologic methods
“Introduction to Causal Diagrams”
Guest Lecturer, 30 MPH students, 1.5 contact hours
- 2020 – 2021 FMPH 491/FMPH 415: Advanced Epidemiologic Methods
MPH epidemiology concentration core course in epidemiologic methods
Lead Instructor, 12-30 MPH students, 30 contact hours
- 2018 – 2021 FMPH 291: Reproducibility Lab
PhD elective course in epidemiologic methods
Co-Instructor, 5-10 PhD students, 20 contact hours
- 2018 – 2020 FMPH 101: Introduction to Epidemiology
BSPH core course in epidemiologic methods
Lead Instructor, 60-65 BSPH students, 30 contact hours
- 2016 – 2017 GLBH 181: Essentials in Global Health
Core course for Global Health majors
“Prospective Cohort Study: Multicenter AIDS Cohort Study”
Guest Lecturer, 120 students, 1 contact hour

- 2014 – 2020 FPM 270: Cultural Perceptions about Health and Disease
PhD elective course
“Barriers to Health Care among MSM in the US: Implications for Uptake of PrEP to Prevent HIV”
Guest Lecturer, 10 PhD students, 1 contact hour
- 2014 – 2020 SOMC 243: Epidemiology Biostatistics, and Medical Informatics
Required core course for 2nd year medical students
Small Group Facilitator, 5-10 medical students, 3-5 contact hours

University of California, Los Angeles

- 2020 -2021 EPI 232: Research Methods for Marginalized and Hidden Populations
MPH and PhD elective course
“HIV testing among MSM and TW in Tijuana, Mexico: a comparison of the effectiveness of respondent-driven and venue-based sampling for identifying undiagnosed HIV infection”
Guest Lecturer, 30 students, 1 contact hour
- 2012 EPI 100: Principles of Epidemiology
MPH core course for non-epidemiology majors
Teaching Assistant, 40 MPH students, 20 contact hours

MENTORSHIP

Postdoctoral Fellows – Department of Medicine, University of California, San Diego

Date	Name	Project	Advisory Role
2020 – Present	Angel Algarin, PhD	GloCal Health Fellowship: “Understanding pre-exposure prophylaxis (PrEP) stigma, knowledge, and interest among transgender women in Tijuana, Mexico: a step towards ending AIDS by 2030”	Co-Mentor
2017 – 2018	Alicia Harvey-Vera, PhD	NIDA Diversity Supplement: “Female sex workers autonomy to practice HIV prevention behaviors in sex work venues in along the Mexico-United States border”	Co-Mentor

Doctoral Students – SDSU/UCSD JDP in Epidemiology,* Health Behavior,^ and Interdisciplinary Research on Substance Use^^

Date	Name	Project	Advisory Role
2021 – Present	Jordan Killion*	Dissertation: “Modeling the impact and cost-effectiveness of HIV and HCV prevention strategies among PWID in the United States”	Dissertation Committee
2021 – Present	Nicole Nabors*	Dissertation: “HIV testing among military personnel in Sub-Saharan Africa”	Dissertation Committee
2020 - Present	Jack Andrzejewski^	Graduate Student Researcher (GSR) Project: “Barriers and facilitators of PrEP continuation among transgender women”	GSR Co-Mentor

2018 – 2021	Jonathan Davitte*	Dissertation: “Advanced Epidemiology Methods for the Study of Infectious Diseases: Examples using COVID-19 and HIV”	Dissertation Committee
2018 – Present	Cristina Espinosa da Silva*	NIDA Diversity Supplement/Dissertation: “Examining mediation and effect measure modification processes in behavioral HIV prevention trials with key populations” NIDA T23 Predoctoral Fellowship: “Stigma and web-based sex seeking among men who have sex with men and transgender women in Tijuana, Mexico”	Dissertation Co-Chair Primary Mentor
2017 – Present	Rudy Patrick*	Dissertation: “Influence of sex venues and venue affiliation networks on HIV prevention behaviors among MSM and TW: implications for venue-based HIV prevention strategies in Tijuana, Mexico” NIDA T23 Predoctoral Fellowship: “Perceived barriers to pre-exposure prophylaxis use among HIV-negative men who have sex with men in Tijuana, Mexico”	Dissertation Chair Primary Mentor
2016 – 2018	Jennifer Jain^^	Manuscript: “Perceived barriers to pre-exposure prophylaxis use and the role of syndemic factors among female sex workers in the Mexico-United States border region”	Mentor

Masters Students – SDSU MPH in Epidemiology

Date	Name	Project	Advisory Role
2022 – Present	Jennifer Morales Salazar	Manuscript: “Vaginal practices and incident sexually transmitted infections among cisgender female sex workers in northern Mexico”	Mentor
2022	Christina Santana	Manuscript: “HPV vaccine misperceptions among Hispanic/Latinos in San Diego County”	Committee Member
2021 – 2022	Elizabeth Mikita	MPH Capstone: “Adverse childhood experiences and mental, emotional, developmental, or behavioral problems among children and youth in the US”	Chair
2021 – 2022	Daniel Kellogg	MPH Capstone: “Association between having household members under 12 years of age and COVID-19 vaccination”	Chair
2021 – 2022	Griselda Ruiz	MPH Capstone: “Food insecurity and substance use among adults in the US”	Chair

2021 – 2022	Alma Villatoro	MPH Capstone: “Association between STI during pregnancy associated with low birth weight in the US”	Committee Member
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Masters Students – UCSD MPH in Epidemiology* and General Public Health^

Date	Name	Project	Advisory Role
2021	Jessica Dominguez^	MPH Capstone: “HIV screening rates among Latinx patients in the Emergency Department”	Chair
2020 – Present	Kevin Nguyen*	MPH Thesis: “PrEP retention among men who have sex with men and transgender women in Peru”	Co-Chair

Undergraduate Students – UCSD BSPH Program

Date	Name	Project	Advisory Role
2019 – 2020	Meera Swaminath Rabia Syed	BSPH Honors Practicum: “Student health advocate (SHA) training program evaluation”	Faculty Mentor
2019 – 2020	Aina Guatno Aisha Asif Ruoyi Ni	BSPH Honors Practicum: “An Evaluation of the Resident Assistant/House Assistant Training Program on Responses to Residents’ Disclosures of Sexual Assault, Relationship Violence and Stalking”	Faculty Mentor
2018 – 2019	Anh Vo Karina Barajas Richelle Crucillo	BSPH Honors Practicum: “Sources of health information for the busy UCSD student: assessing the effectiveness of Health Promotion Services’ health messaging program”	Faculty Mentor
2017 - 2018	Amanda Moreno Cynthia Frausto Tong Qi	BSPH Honors Practicum: “Compliance with UCSD’s Alcohol Policy at On-Campus Alcohol-Serving Venues, 2018”	Faculty Mentor
2017	Rubeen Guardado	Faculty Mentor Program: “Willingness to use PrEP among men who have sex with men in Tijuana, Mexico”	Faculty Mentor
2016	Stephanie Nunes	Faculty Mentor/Summer Research Program: “HIV prevalence at venues frequented by men who have sex with men in Tijuana, Mexico”	Faculty Mentor

SERVICE

San Diego State University

Service to the University

- 2022 Judge, SDSU Student Research Symposium

Service to the Department

- 2022 Member, Epidemiology MPH Admissions Committee
- 2021 Member, Search Committee – Tenure-Track Assistant Professor of Epidemiology

4. 2021 Member, Community Engagement Committee

University of California, San Diego

1. 2022 Judge, Public Health Research Day
Herbert Wertheim School of Public Health and Human Longevity Science
2. 2020 – 2021 Member, MPH Graduate Committee
Herbert Wertheim School of Public Health and Human Longevity Science
3. 2020 – 2021 Member, MPH Curriculum Committee
Herbert Wertheim School of Public Health and Human Longevity Science
4. 2019 – Present Member, GloCal Steering Committee
University of California Global Health Institute
5. 2018 Moderator, Global Public Health: Mexico, San Diego CFAR HIV Research Day
6. 2018 – Present Reviewer, O-K Review, San Diego Center for AIDS Research
7. 2018 – 2021 Member, Epidemiology JDP Prelim Exam Committee,
UCSD/SDSU Joint Doctoral Program (JDP) in Public Health
8. 2018 Member, Junior Faculty Service Committee, Department of Medicine
9. 2017 – 2018 Member, UCSD World AIDS Day Planning Committee
10. 2016 – 2020 Reviewer, Academic File Review, Division of Infectious Diseases and Global Public Health
11. 2016 – 2017 Research Mentor, Faculty Mentor Program and Summer Research Program
12. 2016 – 2019 Co-Director, Journal Club, Division of Infectious Diseases and Global Public Health
13. 2016 – 2018 Member, Advisory Board of the International Core, San Diego Center for AIDS Research
14. 2015 Reviewer, GloCal Health Fellowship, University of California Global Health Institute
15. 2015 – Present Reviewer, Developmental and International Grants, San Diego Center for AIDS Research
16. 2014 – 2020 Reviewer, Internal Grant Review, Division of Infectious Diseases and Global Public Health

Service to the Profession

Ad-hoc Peer Review Journals

1. 2016 - Present PLoS One
2. 2016 – Present Journal of the International AIDS Society
3. 2016 Journal of Immigrant Health
4. 2015 Preventive Medicine Reports
5. 2015 – Present PeerJ
6. 2015 – Present BMC Public Health
7. 2015 – Present International Journal of STD & AIDS
8. 2015 – Present Archives of Sexual Behavior
9. 2014 – Present AIDS Care
10. 2014 Emerging Infectious Diseases
11. 2014 – Present Journal of Acquired Immune Deficiency Syndromes
12. 2013 – Present Drug and Alcohol Dependence
13. 2011 – Present AIDS and Behavior

Journal Editor

1. 2016 – 2017 Topic Co-Editor, Frontiers in Public Health, Special Issue Research Topic: *The US-Mexico Border: a unique tapestry of health*

Peer Review for Scientific Meetings and Conferences

1. 2022 – Present Abstract Reviewer, Society for Epidemiologic Research Conference
2. 2016 – Present Abstract Reviewer, International AIDS Conference

3. 2015 – Present Abstract Reviewer, International AIDS Society Conference on HIV Science

Scientific Working Groups

1. 2020 – Present Member, Ending the HIV Epidemic Working Group, San Diego Center for AIDS Research
2. 2018 – Present Member, Behavioral and Psychosocial Working Group, Multicenter AIDS Cohort Study (MACS)/ Women's Interagency HIV Study (WIHS) Combined Cohort Study

Service to the Community

1. 2021 Organizer and Presenter, "Community Forum: Social Network Research to Inform Efforts to End the HIV Epidemic," Zoom event held in collaboration with San Ysidro Health, The San Diego LGBT Community Center, and the UCSD AntiViral Research Center and Good to Go
2. 2020 Presenter, "Building Community in San Diego: 2nd AC+ Project Presentation," Zoom event held in collaboration with The San Diego LGBT Community Center & UCSD Antiviral Research Center
3. 2018 Presenter, Middle School Career Fair, Feaster STEAM Academy, Chula Vista, California
4. 2017 Presenter, "HIV Prevention Research with MSM in the Mexico-US Border Region." Community Advisory Board, UCSD Antiviral Research Center
5. 2017 Resume Reviewer, Project Trans Career Fair, The San Diego LGBT Community Center
6. 2015 Presenter, "PrEP for HIV Prevention among MSM in the US," Alternative Breaks Public Health Day, UCSD Cares Week