

Adriane Wynn

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EDUCATION:

University of California, Los Angeles

Ph.D. - Health Policy and Management (Health Outcomes Track), 2017

Master in Public Policy, 2012

RESEARCH FIELDS:

Global Health Policy: Sexually transmitted Infection burden and diagnostics, alcohol use policy and interventions, sexual and reproductive health

Health Economics: Costing and cost-effectiveness analysis

PROFESSIONAL EXPERIENCE:

2022-Present: Research Associate, Botswana Harvard AIDS Initiative

2020-Present: Assistant Professor, UC San Diego, La Jolla, CA

2018-2020: Postdoctoral Fellow, UC San Diego, La Jolla, CA

2018-2019: NIH Fogarty GloCal Postdoctoral Fellow, Gaborone, Botswana

2012-2017: Associate Director, Policy Core, Center for HIV Identification, Prevention, and Treatment Services

2013: Graduate Student Researcher, WHO Regional Office for South-East Asia (SEARO), New Delhi

2011-2012: Research and Planning Intern, Los Angeles County Commission on HIV, Los Angeles, CA

2008-2010: Legislative Aide, US Senator Dianne Feinstein, Washington, DC

2005-2007: Legislative Aide, California State Senate Business and Professions Committee, Sacramento, CA

PUBLICATIONS:

Peer Reviewed Journals

1. Leibowitz AA, Byrnes K, **Wynn A**, Farrell K. HIV tests and new diagnoses declined after California budget cuts, but reallocating funds helped reduce impact. *Health Aff (Millwood)*. 2014 Mar;33(3):418-26. PMID: PMC4022131. Role: I conducted data analysis and helped draft and edit the manuscript.
2. **Wynn A**, Cabeza J, Adachi K, Needleman J, Garcia PJ, Klausner JD. Frequency of maternal and newborn birth outcomes, Lima, Peru, 2013. *PLoS One*. 2015;10(3):e0116102. PMID: PMC4373801. Role: I conducted the analysis and drafted the manuscript.
3. **Wynn A**, Bristow CC, Ross D, Schenker I, Klausner JD. A program evaluation report of a rapid scale-up of a high-volume medical male circumcision site, KwaZulu-Natal, South Africa, 2010-2013. *BMC Health Serv Res*. 2015 Jun 18;15:235. PMID: PMC4472417. Role: I conducted the analysis and drafted the manuscript.
4. **Wynn A**, Ramogola-Masire D, Gaolebale P, Moshashane N, Agatha Offorjebe O, Arena K, Klausner JD, Morroni C. Acceptability and Feasibility of Sexually Transmitted Infection Testing and Treatment among Pregnant Women in Gaborone, Botswana, 2015. *Biomed Res Int*. 2016; PMID4826911. Role: I conducted the analysis and drafted the manuscript.
5. Bristow CC, Mathelier P, Ocheretina O, Benoit D, Pape JW, **Wynn A**, Klausner JD. Chlamydia trachomatis, Neisseria gonorrhoeae, and Trichomonas vaginalis screening and treatment of pregnant women in Port-au-Prince, Haiti. *Int J STD AIDS*. 2017 Oct;28(11):1130-1134. PMID: PMC5837282. Role: I helped draft and edit the manuscript.
6. Offorjebe OA, **Wynn A**, Moshashane N, Joseph Davey D, Arena K, Ramogola-Masire D, Gaolebale P, Morroni C, Klausner JD. Partner notification and treatment for sexually transmitted infections among pregnant women in Gaborone, Botswana. *Int J STD AIDS*. 2017 Oct;28(12):1184-1189. PMID: PMC5810551. Role: I lead the implementation of the study, conducted data analysis, and helped draft and edit the manuscript.
7. **Wynn A**, Rotheram-Borus MJ, Leibowitz AA, Weichle T, Roux IL, Tomlinson M. Mentor Mothers Program Improved Child Health Outcomes At A Relatively Low Cost In South Africa. *Health Aff (Millwood)*. 2017 Nov;36(11):1947-1955. PMID: PMC6382468. Role: I conducted the analysis and drafted the manuscript.
8. Allan-Blitz LT, Hemarajata P, Humphries RM, **Wynn A**, Segura ER, Klausner JD. A Cost Analysis of Gyrase A Testing and Targeted Ciprofloxacin Therapy Versus Recommended 2-Drug Therapy for Neisseria gonorrhoeae Infection. *Sex Transm Dis*. 2018 Feb;45(2):87-91. PMID: PMC6879096. Role: I advised on the methods and helped draft and edit the manuscript.

9. **Wynn A**, Ramogola-Masire D, Gaolebale P, Moshashane N, Sickboy O, Duque S, Williams E, Doherty K, Klausner JD, Morroni C. Prevalence and treatment outcomes of routine Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis testing during antenatal care, Gaborone, Botswana. *Sex Transm Infect.* 2018 May;94(3):230-235. PMID: PMC6117829. Role: I conducted the analysis and drafted the manuscript.
10. Doherty K, Arena K, **Wynn A**, Offorjebe OA, Moshashane N, Sickboy O, Ramogola-Masire D, Klausner JD, Morroni C. Unintended Pregnancy in Gaborone, Botswana: A Cross-Sectional Study. *Afr J Reprod Health.* 2018 Jun;22(2):76-82. PMC ID in progress. Role: I lead the implementation of the study and helped draft and edit the manuscript.
11. Shannon CL, Bristow C, Hoff N, **Wynn A**, Nguyen M, Medina-Marino A, Cabeza J, Rimoin A, Klausner JD. Acceptability and Feasibility of Rapid Chlamydial, Gonococcal, and Trichomonal Screening and Treatment in Pregnant Women in 6 Low- to Middle-Income Countries. *Sex Transm Dis.* 2018 Oct;45(10):673-676. PMID: PMC6129444. Role: I provided mentorship on the methods and analysis and helped draft and edit the paper.
12. Comulada WS, **Wynn A**, van Rooyen H, Barnabas RV, Eashwari R, van Heerden A. Using mHealth to Deliver a Home-Based Testing and Counseling Program to Improve Linkage to Care and ART Adherence in Rural South Africa. *Prev Sci.* 2018 Sep 27. PMID: PMC6358509. Role: I drafted the section on economic analysis.
13. Hansoti B, Kalbarczyk A, Hosseinipour MC, Prabhakaran D, Tucker JD, Nachega J, Wallis L, Stiles JK, **Wynn A**, Morroni C. Global Health Mentoring Toolkits: A Scoping Review Relevant for Low- and Middle-Income Country Institutions. *Am J Trop Med Hyg.* 2019 Jan;100(1_Suppl):48-53. PMID: PMC6329353. Role: I conducted a review of mentorship tools and helped draft and edit the manuscript.
14. Taleghani S, Joseph-Davey D, West SB, Klausner HJ, **Wynn A**, Klausner JD. Acceptability and efficacy of partner notification for curable sexually transmitted infections in sub-Saharan Africa: A systematic review. *Int J STD AIDS.* 2019 March; 30(3): 292-303. PMID: PMC6441466. Role: I provided mentorship on the methods and analysis and helped draft and edit the paper.
15. **Wynn A**, Moucheraud C, Moshashane N, Offorjebe OA, Ramogola-Masire D, Klausner JD, Morroni C. Using partner notification to address curable sexually transmitted infections in a high HIV prevalence context: a qualitative study about partner notification in Botswana. *BMC Public Health.* 2019 May 29;19(Suppl 1):606. PubMed Central PMID: PMC6538557. Role: I conducted the analysis and drafted the manuscript.
16. **Wynn A**, Moucheraud C, Morroni C, Ramogola-Masire D, Klausner JD, Leibowitz A. Scaling up diagnostic-driven management of sexually transmitted infections in pregnancy. *Lancet Infect Dis.* 2019 Aug;19(8):809-810. PubMed PMID: 31345453. Role: I conducted the analysis and drafted the manuscript.
17. Elliott T, Kohler RE, Monare B, Moshashane N, Ramontshonyana K, Muthoga C, **Wynn A**, Howett R, Lockett R, Morroni C, Ramogola-Masire D. Performance of vaginal self-sampling for human papillomavirus testing among women living with HIV in Botswana. *Int J STD AIDS.* 2019 Sep 27; PubMed PMID: 31558129. Role: I contributed to data analysis and drafting and editing the manuscript.
18. Rotheram-Borus MJ, Weichle TW, **Wynn A**, Almirol E, Davis E, Stewart J, Gordon S, Tubert J, Tomlinson M. Alcohol, But Not Depression or IPV, Reduces HIV Adherence Among South African Mothers Living with HIV Over 5 Years. *AIDS Behav.* 2019 Dec;23(12):3247-3256. PubMed Central PMID: PMC6854305. Role: I cleaned the data, conducted statistical analysis, wrote the methods section, and helped draft the introduction, results, and discussion sections.
19. **Wynn A**, Bristow CC, Cristillo AD, Murphy SM, van den Broek N, Muzny C, Kallapur S, Cohen C, Ingalls RR, Wiesenfeld H, Litch JA, Morris SR, Klausner JD. Sexually Transmitted Infections in Pregnancy and Reproductive Health: Proceedings of the STAR Sexually Transmitted Infection Clinical Trial Group Programmatic Meeting. *Sex Transm Dis.* 2020 Jan;47(1):5-11. PubMed PMID: 31658242. Role: I conducted the analysis and drafted the manuscript.
20. **Wynn A**, Klausner JD. Addressing Neisseria gonorrhoeae Treatment Resistance With the DNA Gyrase A Assay: An Economic Study, United States. *Sex Transm Dis.* 2020 Feb;47(2):111-113. PubMed PMID: 31688726. Role: I conducted the analysis and drafted the manuscript.
21. Grant JS, Chico RM, Lee AC, Low N, Medina-Marino A, Molina RL, Morroni C, Ramogola-Masire D, Stafylis C, Tang W, Vallely AJ, **Wynn A**, Yeganeh N, Klausner JD. Sexually transmitted infections in pregnancy: a narrative review of the global research gaps, challenges, and opportunities. *Sex Transm Dis.* 2020 Dec; 47(1): 5-11. Role: I drafted the section on economic analysis and cost-effectiveness of testing for STIs during pregnancy.
22. Chaillon A*, **Wynn A***, Kushner T, Reau N, Martin NK. Cost-Effectiveness of Antenatal Rescreening Among Pregnant Women for Hepatitis C in the United States. *Clin Infect Dis.* 2021 Nov 2; PubMed PMID: 32282879. Role: Joint first author. I parameterized the model, analyzed the data, and drafted the manuscript.
23. **Wynn A**, Rotheram-Borus MJ, Davis E, Almirol E, O'Connor M, Tomlinson M. Identifying Fetal Alcohol Spectrum Disorder Among South African Children at Aged 1 and 5 years. *Drug and Alcohol Dependence.* 2020

- Dec 1;217:108266. Epub 2020 Dec 1. PMID: PMC7736512.. Role: I conducted the analysis and drafted the manuscript.
24. Wagman JA, **Wynn A**, Matsuzaki M, Gnatienco N, Metsch LR, Del Rio C, Feaster DJ, Nance RM, Whitney BM, Delaney JAC, Kahana SY, Crane HM, Chandler RK, Elliott JC, Altice F, Lucas GM, Mehta SH, Hirsch-Moverman Y, El-Sadr WM, Vu Q, Nguyen Thanh B, Springer SA, Tsui JI, Samet JH. Hazardous alcohol use, antiretroviral therapy receipt, and viral suppression in people living with HIV who inject drugs in the United States, India, Russia, and Vietnam. *AIDS*. 2020 Dec 1;34(15):2285-2294. PubMed Central PMID: PMC7951611. Role: I helped with analyzing the data and drafting the manuscript.
 25. Marquez LK, Chaillon A, Soe KP, Johnson DC, Zosso JM, Incerti A, Loarec A, Nguyen A, Walker JG, Mafirakureva N, Lo Re Iii V, Wynn A, McIntosh C, Kiene SM, Brodine S, Garfein RS, Vickerman P, Martin NK. Cost and cost-effectiveness of a real-world HCV treatment program among HIV-infected individuals in Myanmar. *BMJ Glob Health*. 2021 Feb;6(2). PubMed Central PMID: PMC7908309. Role: I assisted with drafting the manuscript.
 26. Rotheram-Borus MJ, **Wynn A**, Stewart J, Almirol E, Weichle TW, Tubert J, Tomlinson M. Outcomes of HIV-exposed but uninfected children in South Africa over 5 years. *AIDS*. 2021 Feb 2;35(2):347-349. PubMed Central PMID: PMC7789330. Role: I cleaned and analyzed the data and helped draft the manuscript.
 27. Maan I, Lawrence DS, Tlhako N, Ramontshonyana K, Mussa A, **Wynn A**, Marks M, Ramogola-Masire D, Morroni C. Using a dual antibody point-of-care test with visual and digital reads to diagnose syphilis among people living with HIV in Botswana. *Int J STD AIDS*. 2021 Apr;32(5):453-461. PubMed Central PMID: PMC8008391. Role: I helped draft the manuscript.
 28. **Wynn A**, Tweeten S, McDonald E, Wooten W, Lucas K, Cyr CL, Hernandez M, Ramirez F, VanWormer C, Suckow S, Ramers CB, Martin NK. The estimated hepatitis C seroprevalence and key population sizes in San Diego in 2018. *PLOS ONE*. 2021;16(6):e0251635. PubMed Central PMID: PMC8189442. Role: I helped conceptualize the study, cleaned and analyzed the data, and drafted the manuscript.
 29. Carveth-Johnson T, Dunin De Skrzywno S, **Wynn A**, Moshashane N, Ramontshonyana K, Lebelonyane R, Mussa A, Ramogola-Masire D, Klausner J, Morroni C. Integrating STI testing and treatment with routine HIV care in Gaborone, Botswana. *Sex Transm Dis*. 2021 Jun 26 [Epub ahead of print] PubMed PMID: 34174039. Role: Conceptualized the study, cleaned and analyzed the data, and assisted with drafting the manuscript.
 30. Hansman E, **Wynn A**, Moshashane N, Ramontshonyana K, Mompe A, Mussa A, Ryan R, Ramogola-Masire D, Klausner JD, Morroni C. Experiences and preferences with sexually transmitted infection care and partner notification in Gaborone, Botswana. *Int J STD AIDS*. 2021 Nov;32(13):1250-1256.
 31. **Wynn A**, Moucheraud C, Martin NK, Morroni C, Ramogola-Masire D, Klausner JD, Leibowitz A. Bridging the gap between pilot and scale-up: A model of antenatal testing for curable sexually transmitted infections from Botswana. *Sexually Transm Dis*. Aug 2021.
 32. **Wynn A**, Nabukalu D, Lutalo T, Wawer M, Chang L, Kiene SM, Serwadda DM, Sewankambo N, Nalugoda F, Kigozi G, Wagman J. "Alcohol use during pregnancy in Rakai, Uganda." *PLOS ONE*. 2021 16(8).
 33. Babalola CM, Siebert JC, Kallapur SG, Maecker HT, Rosenberg-Hasson Y, Hansman E, **Wynn A**, Mussa A, Ryan R, Simon S, Morroni C, Klausner JD. Discrete Plasma Cytokine Profiles among Pregnant Women in Botswana by Chlamydia trachomatis infection, HIV status, and Gestational age. *J Infect Dis*. 2022 Jul 25;jiac302.
 34. **Wynn A**, Mussa A, Ryan R, Hansman E, Simon S, Bame B, Moreri-Ntshabele B, Ramogola-Masire D, Klausner JD, Morroni C. Evaluating the diagnosis and treatment of Chlamydia trachomatis and Neisseria gonorrhoeae in pregnant women to prevent adverse neonatal consequences in Gaborone, Botswana: protocol for the Maduo study. *BMC Infect Dis*. 2022 Mar 7;22(1):229.
 35. Mussa A, **Wynn A**, Ryan R, Babalola C, Simon S, Ramontshonyana K, Tamuthiba L, Ndlovu N, Moshashane N, Klausner JD, Morroni C. High Cure Rate Among Pregnant Women in a Chlamydia trachomatis and Neisseria gonorrhoeae Testing and Treatment Intervention Study in Gaborone, Botswana. *Sex Transm Dis*. 2023 Feb 1;50(2):124-127. Epub 2022 Oct 29.
 36. Babalola CM, Siebert JC, Kallapur SG, Maecker HT, Rosenberg-Hasson Y, Hansman E, **Wynn A**, Mussa A, Ryan R, Simon S, Morroni C, Klausner JD. Discrete Plasma Cytokine Profiles Among Pregnant Women in Botswana by Chlamydia trachomatis Infection, Human Immunodeficiency Virus Status, and Gestational Age. *J Infect Dis*. 2022 Sep 28;226(7):1298-1299.

Reports

1. Recommendations from the *Eliminate Hepatitis C San Diego County* Initiative to the San Diego County Board of Supervisors. December 20, 2019

2. U.S. Agency for International Development. Global Health Research and Development Strategy 2017-2022.
3. Fry Sosne E, Healy K, Ignatius H, Gilchrist L, **Wynn A**, et al. *Policy Paper: At the Midpoint of the Decade of Vaccines. Recommendations for catalyzing US government leadership and maximizing impact in global immunization*. PATH. November 2015. Available at: https://www.path.org/publications/files/APP_global_imm_recs_polpaper2016.pdf
4. Pourat N, Leibowitz A, Salce E, Nelson K, Purington N, **Wynn A**, et al. *Interim Evaluation Report on California's Delivery System Reform Incentive Payments (DSRIP)*. Confidential report to the California Department of Health Care Services and the Blue Shield of California Foundation. September 2014.
5. Lovano A, Gilchrist L, **Wynn A**. *Nutrition Support Services in Los Angeles County: A Landscape of Services for People Living with HIV/AIDS*. December 2011 Available at: http://hivcommission-la.info/cms1_173837.pdf

RESEARCH GRANTS

Ongoing Research Support

K01 AA027733-01A1 Wynn, Adriane. (PI) 09/25/20-08/31/25

Modeling reductions in harmful alcohol use on HIV transmission and mortality in the era of universal test and treat in Uganda

The goal of this study is to estimate the long-term, population impact of harmful alcohol use on HIV transmission and mortality, and assess the value for money of investing in alcohol use interventions to reduce HIV transmission in the universal test and treat era in Uganda.

Role: Principal Investigator

R01 AI147490-04 Martin, Natasha (PI) 08/7/19-7/31/23

Optimizing HIV prevention portfolios targeting people who inject drugs using dynamic economic modeling

Develop an epidemic economic model of HIV prevention among people who inject drugs (PWID) for 108 countries worldwide using newly available global systematic review data.

Role: Co-Investigator

R01 MH132151-01 Little, Susan (PI); Martin, Natasha (PI) 07/1/22-4/30/23

Assessment of Phylodynamics to Improve Resource Equity: ASPIRE

Use advanced phylodynamic approaches and prospective measures of incidence to identify populations with the highest transmission rates in Los Angeles County (LAC) and ii) economic modeling to optimize allocation of public health program resources to achieve EHE and other stakeholder targets. Role: Co-Investigator

Role: Co-Investigator

Completed Research Support

R21 HD100821-01 Klausner, Jeffrey (PI); Morroni, Chelsea (PI) 02/22/20-10/31/22

The diagnosis and treatment of Chlamydia trachomatis and Neisseria gonorrhoeae in pregnant women to prevent adverse neonatal consequences in Botswana

The goal is to assess the impact of antenatal Chlamydia trachomatis and Neisseria gonorrhoeae testing on neonatal health outcomes.

Role: Co-Investigator

T32 DA023356-11 Strathdee, Steffanie. (PI) 07/05/07-06/30/22

Training Program in Substance Use, HIV and Related Infections

The goal was to train the next generation of prevention scientists with expertise in HIV and related co-morbidities among substance users.

Role: TA (10/2018-01/2021)

D43TW009343; Fogarty International Center of the National Institutes of Health (NIH) 10/02/17-10/01/18

Training Program in global health research

The goal was to generate a new cadre of global health researchers, educators, and professionals who will be prepared to address the new challenges in global health. Site location: Gaborone, Botswana.

Role: Postdoctoral Fellow (10/17-09/18)

T32 HS000046-24 Rice, Thomas H (PI)

07/01/92-06/30/18

Los Angeles Area Health Service Research Training Program

The goal was to train a new generation of researchers that they may effectively engage in, and eventually lead, research and implementation activities aimed at improving the quality and efficiency of the U.S. health care system.

Role: TA (09/2013-2017)

INVITED PRESENTATIONS AND CONFERENCES:

International Union against STIs, Marrakech, Morocco, 2016

Infectious Diseases Society of America, New Orleans, LA, USA, 2017

AcademyHealth Dissemination & Implementation Conference. Washington, D.C., USA, 2017.

International AIDS Society Conference, Paris, France, 2017

International Union against STIs, Dublin, Ireland, 2018

Botswana International HIV Conference, Gaborone, Botswana 2018

Botswana Conference on Sexually Transmitted Infections, Francistown, Botswana, 2019

International Union against STIs, Vancouver, WA, USA, 2019

Research Society on Alcoholism (online) 2021

JOURNAL REFEREE EXPERIENCE:

AIDS & Behavior, Sexually Transmitted Diseases, Health Systems & Reform, PLOS ONE, BMC, Cost Effectiveness and Resource Allocation, International Journal of STDs & AIDS, International Journal of Drug Policy, Contraception, Plos Global Health

COMPUTER SKILLS:

Statistical Analysis Software

1. STATA & SAS – Advanced knowledge
2. Microsoft Office – Advanced knowledge
3. R—Working knowledge
4. GIS – Working knowledge
5. TreeAge – Working knowledge
6. MATLAB– Working knowledge