

CURRICULUM VITAE
PAYAL CHAKRABORTY, PHD
Department of Social Medicine, University of North Carolina at Chapel Hill
MacNider Hall
333 S Columbia Street
Chapel Hill, NC 27514

EDUCATION

PhD, Epidemiology	2022	The Ohio State University, College of Public Health, Division of Epidemiology, Columbus, OH
MS, Global Health	2018	Duke University, Duke Global Health Institute, Durham, NC
BS, Neuroscience	2015	Duke University, Trinity College of the Arts and Sciences, Durham, NC

PROFESSIONAL EXPERIENCE – EMPLOYMENT HISTORY

Sep 2025–present	Assistant Professor, Department of Social Medicine, University of North Carolina, Chapel Hill, NC
Jun 2022–Sep 2025	Postdoctoral Research Fellow, Department of Population Medicine, Harvard Medical School and Harvard Pilgrim Health Care Institute, Boston, MA
Jun 2022–Sep 2025	Postdoctoral Research Fellow, Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA
Aug 2018–May 2022	Graduate Research Associate, Ohio Policy Evaluation Network (OPEN), The Ohio State University, College of Public Health, Columbus, OH
May 2020–May 2021	Graduate Research Associate, Ohio COVID-19 Assessment of Prevalence (OCAP) Study, The Ohio State University, College of Public Health, Columbus, OH
Sep 2016–May 2018	Graduate Research Assistant, Duke Global Neurosurgery and Neurology, Duke University, Durham, NC & Kampala, Uganda
Nov 2015–Aug 2018	Clinical Research Specialist, Sr., Duke University Center for Autism and Brain Development, Durham, NC
Jun 2015–Oct 2015	Intern, Final Mile Consulting, Chicago, IL
Jan 2014–May 2015	Undergraduate Research Assistant, Huettel Neuroeconomics Lab, Center for Cognitive Neuroscience, Duke University, Durham, NC
Jun 2014–Aug 2014	DukeEngage Intern, New Orleans Family Justice Center, New Orleans, LA
May 2013–May 2014	Research Assistant, Doraiswamy Clinical Research Lab, Department of Psychiatry, Duke University Medical Center, Durham, NC
Jun 2013–Aug 2013	Intern, Global Brigades, El Paraíso, Honduras
Sep 2012–May 2013	Research Assistant, Madden Lab, Duke-UNC Brain Imaging and Analysis Center, Durham, NC

HONORS

- 2025 Best Paper Award by an Early Career Investigator (2nd Place), *Sexually Transmitted Diseases*
- 2024 The Open Gate, Harvard Gender and Sexuality Caucus, Harvard University
- 2019 Professional Development for Women Award, The Women's Place, The Ohio State University
- 2014 Recognition from Louisiana House of Representatives, Austin J. Badon
- 2014 Congressional Recognition, Cedric L. Richmond
- 2014 Recognition from the Mayor of the City of New Orleans, Mitchell J. Landrieu
- 2014 Recognition from New Orleans City Council
- 2012 Congressional Recognition, Brad Sherman

BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP

Published refereed papers/articles

1. Andrysiak NK, **Chakraborty P**, Beccia AL, Charlton BM, Reynolds CA. Inequities in eating disorder diagnoses in college students: An intersectional multilevel analysis of individual heterogeneity and discriminatory accuracy (MAIHDA). *Soc Sci Med*. 2025 Sep 12:S0277-9536(25)00918-9:1-35. doi: 10.1016/j.socscimed.2025.118587. Epub ahead of print.
2. Reynolds CA, Chen JT, **Chakraborty P**, Chibnik LB, Rich-Edwards JW, Charlton BM. Covariate adjustment in LGBTQ+ health disparities research: aligning methods with assumptions. *Am J Epidemiol*. 2025 Sep 8:kwaf197:1-25. doi: 10.1093/aje/kwaf197. Epub ahead of print. PMID: 40916718.
3. Powell JR, Gallo MF, **Chakraborty P**, Reynolds CA, Anderson M, Singh P. Increase in 9-1-1 activations for obstetric-related emergencies following the Dobbs decision in the US. *Am J Epidemiol*. 2025 Jun 9:kwaf123. doi: 10.1093/aje/kwaf123. Epub ahead of print. PMID: 40512628.
4. **Chakraborty P**, McKetta S, Reynolds CA, Smith MH, Moseson H, Beccia A, Soled KRS, Hoatson T, Huang AK, Eliassen AH, Haneuse S, Charlton BM. Differences in abortion use by sexual orientation in 3 national cohorts. *JAMA Netw Open*. 2025 May 6; 8(5):e258644:1-14. doi: 10.1001/jamanetworkopen.2025.8644; PMID: 40327342. PMCID: PMC12056570.
5. **Chakraborty P**, Foster B, Smith MH, Hayford S, Norris AH. Feelings about abortion at time of care: Findings from an Ohio abortion facility. *Sex Res Social Policy*. 2025 Feb 21:10.1007/s13178-025-01097-5. doi: 10.1007/s13178-025-01097-5. Epub ahead of print. PMID: 40857508; PMCID: PMC12338271.
6. **Chakraborty P**, Ning X, McNeill M, Kline DM, Shoben AB, Miller WC, Turner AN. Using Natural Language Processing Methods to Predict Topics Included in 2019 Ohio Syphilis Disease Intervention Specialist Records. *Sex Transm Dis*. 2025 Jun 1;52(6):356-363. doi: 10.1097/OLQ.0000000000002135. Epub 2025 Feb 11. PMID: 39932205; PMCID: PMC12064372.
7. **Chakraborty P**, Ning X, McNeill M, Kline DM, Shoben AB, Miller WC, Norris Turner A. Analysis of 2019 Ohio Disease Intervention Specialist Records for Syphilis Cases Using Clustering Algorithms. *Sex Transm Dis*. 2025 Mar 1;52(3):146-153. doi: 10.1097/OLQ.0000000000002091. Epub 2024 Oct 31. PMID: 39481010.
8. **Chakraborty P**, Reynolds CA, McKetta S, Soled KRS, Huang AK, Monseur B, Corman JD, Obedin-Maliver J, Eliassen AH, Chavarro JE, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation-related disparities in neonatal outcomes. *Obstet Gynecol*. 2024 Dec;144(6):843-851. doi: 10.1097/AOG.0000000000005747. Epub 2024 Oct 3. PMID: 39361956; PMCID: PMC11602367.

9. Lu J, Chua SN, Kavanaugh JR, Prashar J, Ndipe-Agbor E, Santoso M, Jackson DA, **Chakraborty P**, Raffoul A, Austin SB. Impact of digital advertising policy on harmful product promotion: natural language processing analysis of skin-lightening ads. *Am J Prev Med*. 2024 Dec;67(6):811-819. doi: 10.1016/j.amepre.2024.08.006. Epub 2024 Sep 20. PMID: 39306774.
10. **Chakraborty P**, Everett BG, Reynolds CA, Hoatson T, Stuart JJ, McKetta SC, Soled KRS, Huang AK, Chavarro JE, Eliassen AH, Obedin-Maliver J, Austin SB, Rich-Edwards JW, Haneuse S, Charlton BM. Sexual orientation disparities in gestational diabetes and hypertensive disorders of pregnancy. *Paediatr Perinat Epidemiol*. 2024 Sep;38(7):545-556. doi: 10.1111/ppe.13101. Epub 2024 Jul 1. PMID: 38949425; PMCID: PMC11427163.
11. Huang AK, Hoatson T, **Chakraborty P**, McKetta S, Soled KRS, Reynolds CA, Boehmer U, Miranda AR, Streed CG Jr, Maingi S, Haneuse S, Young JG, Kang JH, Austin SB, Eliassen AH, Charlton BM. Disparities in cancer incidence by sexual orientation. *Cancer*. 2024 Dec 15;130(24):4306-4314. doi: 10.1002/cncr.35356. Epub 2024 May 11. PMID: 38733613.
12. Soled KRS, Hoatson T, Monseur B, Everett B, **Chakraborty P**, Reynolds CA, Huang AK, McKetta S, Haneuse S, Charlton BM. Differences in medically assisted reproduction use by sexual identity and partnership: a prospective cohort of cisgender women. *Hum Reprod*. 2024 Jun 3;39(6):1323-1335. doi: 10.1093/humrep/deae077. PMID: 38689464.
13. **Chakraborty P**, Schroeder E, Reynolds CA, McKetta S, Obedin-Maliver J, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation disparities in adverse pregnancy outcomes. *Am J Obstet Gynecol*. 2024 Jul;231(1):e34-e43. doi: 10.1016/j.ajog.2024.02.315. Epub 2024 Mar 6. PMID: 38453134; PMCID: PMC11194147.
14. McKetta S, **Chakraborty P**, Gimbrone C, Soled KRS, Hoatson T, Beccia AL, Reynolds CA, Huang AK, Charlton BM. Restrictive abortion legislation and adverse mental health during pregnancy and postpartum. *Ann Epidemiol*. 2024 Apr;92:47-54. doi: 10.1016/j.annepidem.2024.02.009. Epub 2024 Mar 1. PMID: 38432536; PMCID: PMC10983835.
15. Soled KRS*, McKetta S* (*co-first authors), **Chakraborty P**, Reynolds CA, Austin SB, Chavarro JE, Eliassen AH, Wang S, Haneuse S, Charlton BM. Sexual orientation-related disparities in perinatal mental health among a prospective cohort study. *SSM Ment Health*. 2024 Jun;5:100301;1-11. doi: 10.1016/j.ssmmh.2024.100301. Epub 2024 Feb 5. PMID: 39544356; PMCID: PMC11563310.
16. Smith MH, Broscoe M, **Chakraborty P**, Hill J, Hood R, McGowan M, Bessett D, Norris AH. COVID-19 and abortion in the Ohio River Valley: A case study of Kentucky, Ohio, and West Virginia. *Perspect Sex Reprod Health*. 2023 Sep;55(3):178-191. doi: 10.1363/psrh.12244. Epub 2023 Aug 12. PMID: 37571959.
17. **Chakraborty P**, Chettri S, Gallo MF, Smith MH, Hood RB, Bessett D, Casterline JB, Norris AH, Turner AN. Factors associated with never-use of long-acting reversible contraception among adult reproductive-aged women in Ohio. *Perspect Sex Reprod Health*. 2023 Mar;55(1):38-48. doi: 10.1363/psrh.12212. Epub 2022 Nov 6. PMID: 36336335; PMCID: PMC10104276.
18. Moseson H, Smith MH, **Chakraborty P**, Gyuras HJ, Foster A, Bessett D, Wilkinson TA, Norris AH. Abortion-Related Laws and Concurrent Patterns in Abortion Incidence in Indiana, 2010-2019. *Am J Public Health*. 2023 Apr;113(4):429-437. doi: 10.2105/AJPH.2022.307196. Epub 2023 Feb 16. PMID: 36795983; PMCID: PMC10003501.
19. Smith MH, McGowan M, **Chakraborty P**, Hood RB, Field MP, Bessett D, Norwood C, Norris AH. Kentucky's abortion landscape, 2010 to 2019: an analysis of pre-Dobbs abortion disparities in a rural, restrictive state. *Lancet Reg Health Am*. 2023 Feb 15;19:100441;1-11. doi: 10.1016/j.lana.2023.100441. PMID: 36852333; PMCID: PMC9958464.
20. Hood RB, Turner AN, Smith M, **Chakraborty P**, Chettri S, Bessett D, Norris AH, Gallo MF. Housing stability and access to general healthcare and reproductive healthcare among women in Ohio. *Matern Child Health J*. 2022 Nov;26(11):2185-2191. doi: 10.1007/s10995-022-03492-5. Epub 2022 Sep 17. PMID: 36114977; PMCID: PMC9483305.

21. Bischof KM, **Chakraborty P**, Miller WC, Turner AN. Depression and perception of COVID-19 risk in Ohio adults. *Ohio J Public Health*. 2022 Aug 24;5(1):30-40. doi: 10.18061/ojph.v5i1.8805.
22. Hood RB, Moseson H, Smith M, **Chakraborty P**, Norris AH, Gallo MF. Comparison of abortion incidence estimates derived from direct survey questions versus the list experiment among women in Ohio. *PLoS ONE*. 2022 Jun 3;17(6):e0269476;1-12. doi: 10.1371/journal.pone.0269476.
23. Smith MH, Muzyczka Z, **Chakraborty P**, Johns-Wolfe E, Higgins J, Bessett D, Norris AH. Abortion travel within the United States: an analysis of cross-state movement to obtain abortion care in 2017. *Lancet Reg Health Am*. 2022 Jun 1;10:100214;1-10. doi: 10.1016/j.lana.2022.100214.
24. Van Gerwen O, Griner S, Davis A, Footman A, Pinto CN, Melendez J, Tuddenham S, Exten C, Soge OO, **Chakraborty P**, Nenninger A, Marlowe EM, Joseph AM, McGowin C, Seña AC, Fortenberry JD, Ghanem KG, Van Der Pol B. Summary of the 4th Annual ASTDA Workshop on Improving STI Control Efforts through Cross-Sector Collaboration. *Sex Transm Dis*. 2022 Aug 1;49(8):588-593. doi: 10.1097/OLQ.0000000000001651. Epub 2022 May 24. PMID: 35608091.
25. **Chakraborty P**, Murawsky S, Smith MH, McGowan ML, Norris AH, Bessett D. How Ohio's proposed abortion bans would impact travel distance to access abortion care. *Perspect Sex Reprod Health*. 2022 Jun;54(2):54-63. doi: 10.1363/psrh.12191. Epub 2022 Apr 20. PMID: 35442569.
26. Turner AN, Kline D, Norris A, Phillips WG, Root E, Wakefield J, Li Z (Richard), Lemeshow S, Spahn M, Luff A, Chu Y, Francis MK, Gallo M, **Chakraborty P**, Lindstrom M, Lozanski G, Miller W, Clark S. Prevalence of current and past COVID-19 in Ohio adults. *Ann Epidemiol*. 2021 Dec 16; 67:50-60. doi: 10.1016/j.annepidem.2021.11.009. Epub 2021 Dec 16. PMID: 34921991.
27. Smith MH, Turner AN, **Chakraborty P**, Hood RB, Bessett D, Gallo MF, Norris AH. Opinions about abortion among reproductive-age women in Ohio. *Sex Res Soc Policy*. 2022 Sep;19:909-921. doi: 10.1007/s13178-021-00638-y. Epub 2021 Oct 30.
28. **Chakraborty P**, Alalwan M, Johnson RM, Li L, Lancaster KE, Zhu M. Mental health and substance use by sexual minority status in high school students who experienced sexual violence. *Ann Epidemiol*. 2021 Dec;64(1):127-131. doi: 10.1016/j.annepidem.2021.09.002. Epub 2021 Sep 24. PMID: 34571196.
29. Rice R**, **Chakraborty P**, Keder L, Turner AN, Gallo MF. Who attends a crisis pregnancy center in Ohio? *Contraception*. 2021 Oct;104(4):383-387. doi: 10.1016/j.contraception.2021.05.011. Epub 2021 May 24. PMID: 34038710.
30. Mello K, Smith MH, Hill BJ, **Chakraborty P**, Rivlin K, Bessett D, Norris AH, McGowan ML. Federal, state, and institutional barriers to the expansion of medication and telemedicine abortion services in Ohio, Kentucky, and West Virginia during the COVID-19 pandemic. *Contraception*. 2021 Jul;104(1):111-116. doi: 10.1016/j.contraception.2021.04.020. Epub 2021 Apr 27. PMID: 33930382.
31. **Chakraborty P**, Gallo MF, Nawaz S, Smith MH, Hood RB, Chettri S, Bessett D, Norris AH, Casterline J, Turner AN. Use of nonpreferred contraceptive methods among women in Ohio. *Contraception*. 2021 May;103(5):328-335. doi: 10.1016/j.contraception.2021.02.006. Epub 2021 Feb 16. PMID: 33607120.
32. Gallo MF, Casterline JB, **Chakraborty P**, Norris A, Bessett D, Turner AN. Passage of abortion ban and women's accurate understanding of abortion legality. *Am J Obstet Gynecol*. 2021 Jul;225(1):63.e1-63.e8. doi: 10.1016/j.ajog.2021.02.009. Epub 2021 Feb 10. PMID: 33577763.
33. **Chakraborty P**, Carpenter KLH, Major S, Deaver M, Vermeer S, Herold B, Franz L, Howard J, Dawson G. Gastrointestinal problems are associated with increased repetitive behaviors but not social communication

difficulties in young children with autism spectrum disorders. *Autism*. 2021 Feb;25(2):405-415. doi: 10.1177/1362361320959503. Epub 2020 Sep 24. PMID: 32972215.

34. Kaddumukasa MN, Kaddumukasa M, Kajumba M, Smith PJ, Bobholz S, Kakooza-Mwesige A, Sinha DD, Almojuela A, **Chakraborty P**, Nakasujja N, Nakku J, Gualtieri A, Onuoha E, Kolls BJ, Muhumuza C, Smith CE, Sanchez N, Fuller AT, Haglund MM, Koltai DC. Barriers to biomedical care for people with epilepsy in Uganda: A cross-sectional study. *Epilepsy Behav*. 2021 Jan;114(Pt B):107349;1-7. doi: 10.1016/j.yebeh.2020.107349. Epub 2020 Sep 20. PMID: 32962922.
35. **Chakraborty P**, Sanchez NA, Kaddumukasa M, Kajumba M, Kakooza-Mwesige A, Van Noord M, Kaddumukasa MN, Nakasujja N, Haglund MM, Koltai DC. Stigma reduction interventions for epilepsy: A systematized literature review. *Epilepsy Behav*. 2021 Jan;114(Pt B):107381;1-8. doi: 10.1016/j.yebeh.2020.107381. Epub 2020 Aug 31. PMID: 32883610.
36. Fuller AT, Almojuela A, Kaddumukasa MN, **Chakraborty P**, Smith PJ, Kolls BJ, Van Belleghem F, Muhumuza C, Nshemerirwe S, Kaddumukasa M, Nakasujja N, Nakku J, Kakooza-Mwesige A, Haglund MM, Koltai DC. Hospital-based epilepsy care in Uganda: A prospective study of three major public referral hospitals. *Epilepsy Behav*. 2021 Jan;114(Pt B):107301;1-10. doi: 10.1016/j.yebeh.2020.107301. Epub 2020 Aug 27. PMID: 32861671.
37. Smith CE, Kajumba M, Bobholz S, Smith PJ, Kaddumukasa M, Kakooza-Mwesige A, **Chakraborty P**, Sinha DD, Kaddumukasa MN, Gualtieri A, Nakasujja N, Onuoha E, Nakku J, Muhumuza C, Sanchez N, Fuller AT, Haglund MM, Koltai DC. Pluralistic and singular causal attributions for epilepsy in Uganda. *Epilepsy Behav*. 2021 Jan;114(Pt B):107334;1-6. doi: 10.1016/j.yebeh.2020.107334. Epub 2020 Aug 22. PMID: 32839144.
38. Koltai DC, Dunn TW, Smith PJ, Sinha DD, Bobholz S, Kaddumukasa M, Kakooza-Mwesige A, Kajumba M, Smith CE, Kaddumukasa MN, Teuwen DE, Nakasujja N, **Chakraborty P**, Kolls BJ, Nakku J, Haglund MM, Fuller AT. Sociocultural determinants and patterns of healthcare utilization for epilepsy care in Uganda. *Epilepsy Behav*. 2021 Jan;114(Pt B):107304;1-8. doi: 10.1016/j.yebeh.2020.107304. Epub 2020 Aug 4. PMID: 32768344.
39. Kaddumukasa M, Smith PJ, Kaddumukasa MN, Kajumba M, Almojuela A, Bobholz S, **Chakraborty P**, Sinha DD, Nakasujja N, Kakooza-Mwesige A, Gualtieri A, Onuoha E, Nakku J, Sanchez N, Muhumuza C, Fuller AT, Haglund MM, Koltai DC. Epilepsy beliefs and misconceptions among patient and community samples in Uganda. *Epilepsy Behav*. 2021 Jan;114(Pt B):107300;1-7. doi: 10.1016/j.yebeh.2020.107300. Epub 2020 Aug 3. PMID: 32758405.
40. Sanchez N, Kajumba M, Kalyegira J, Sinha DD, Bobholz S, Gualtieri A, **Chakraborty P**, Onuoha E, Fuller AT, Teuwen DE, Haglund MM, Koltai DC. Stakeholder views of the practical and cultural barriers to epilepsy care in Uganda. *Epilepsy Behav*. 2021 Jan;114(Pt B):107314;1-12. doi: 10.1016/j.yebeh.2020.107314. Epub 2020 Aug 3. PMID: 32758404.
41. **Chakraborty P**, Vissoci JRN, Muhumuza C, Fuller AT, Koltai DC, Nshemerirwe S, Haglund MM, Kaddumukasa MN. Validity of the Personal Impact of Epilepsy Scale (PIES) in patients with epilepsy in Uganda. *Epilepsy Behav*. 2021 Jan;114(Pt B):107303;1-7. doi: 10.1016/j.yebeh.2020.107303. Epub 2020 Jul 25. PMID: 32718815.
42. Norris AH, **Chakraborty P**, Lang K, Hood RB, Hayford SR, Keder L, Bessett D, Smith MH, Hill BJ, Broscoe M, Norwood C, McGowan ML. Abortion Access in Ohio's Changing Legislative Context, 2010-2018. *Am J Public Health*. 2020 Aug;110(8):1228-1234. doi: 10.2105/AJPH.2020.305706. Epub 2020 May 21. PMID: 32437269; PMCID: PMC7349452.
43. **Chakraborty P**, Norris AH, Huber-Krum S, Garver S, Hood RB, Banda V, Esber A, Carr Reese P, Krysiak R, Turner AN. An Assessment of Risk Factors for HSV-2 Infection in Malawian Women Using Two Classifications for the HerpeSelect 2 Test. *Sex Transm Dis*. 2020 Mar;47(3):192-196. doi: 10.1097/OLQ.0000000000001121. PMID: 31876866; PMCID: PMC7816111.

1. **Chakraborty P**, Reynolds CA, Charlton BM. In Reply. *Obstet Gynecol*. 2025 Apr 1;145(4):e138-e139. doi: 10.1097/AOG.0000000000005855. PMID: 40112305; PMCID: PMC11949440.

Refereed unpublished oral presentations and/or abstracts

Refereed solicited oral presentations

1. **Chakraborty P**, Rocca CH, Reynolds CA, Soled KRSS, McKetta S, Linos N, Hancock AM, Bessett DB, Haneuse S, Charlton BM. Sexual orientation disparities in unintended pregnancies and pregnancy outcomes. Society for Epidemiologic Research (SER) 2025 Annual Meeting. Boston, MA. June 2025.
2. **Chakraborty P**, Rocca CH, Reynolds CA, Soled KRSS, McKetta S, Linos N, Hancock AM, Bessett DB, Haneuse S, Charlton BM. Sexual orientation disparities in unintended pregnancies and pregnancy outcomes. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2025 Annual Meeting. Boston, MA. June 2025.
3. Reynolds CA, **Chakraborty P**, Berzansky I, Charlton BM. Sexual orientation disparities in pregnancy loss: Mediation by chronic hypertension. Society for Epidemiologic Research (SER) 2025 Annual Meeting. Boston, MA. June 2025.
4. Tam MW, Berzansky I, **Chakraborty P**, Reynolds CA, Soled K, McKetta S, Veldhuis C, Koenen K, Charlton BM. Trauma, post-traumatic stress disorder symptoms, and adverse pregnancy outcomes: sexual orientation disparities in a prospective cohort study. Society for Epidemiologic Research (SER) 2025 Annual Meeting. Boston, MA. June 2025.
5. **Chakraborty P**, Reynolds CA, Berzansky I, Haneuse S, Chavarro JE, Obedin-Maliver J, Everett BG, Charlton BM. Assessing mechanisms of sexual orientation disparities in adverse pregnancy outcomes. Psychosocial Workshop at the Population Association of America (PAA) 2025 Annual Meeting. Washington D.C. April 2025.
6. Wynne C, Reynolds CA, Berzansky I, **Chakraborty P**, Charlton BM. Differences in prevalence of polycystic ovary syndrome (PCOS) across sexual orientation in a longitudinal cohort of U.S. adults. 2024 National LGBTQ Health Conference. Atlanta, GA. August 2024.
7. **Chakraborty P**, Schroeder E, Reynolds CA, McKetta S, Obedin-Maliver J, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation-related disparities in fetal and neonatal outcomes. Society for Epidemiologic Research (SER) 2024 Annual Meeting. Austin, TX. June 2024.
8. **Chakraborty P**, Everett B, Hoatson T, Stuart JJ, Reynolds CA, McKetta S, Soled KRS, Huang AK, Chavarro JE, Eliassen AH, Obedin-Maliver J, Austin SB, Rich-Edwards J, Haneuse S, Charlton BM. Sexual orientation disparities in pregnancy-related morbidities. 2023 Interdisciplinary Association for Population Health Science (IAPHS) Conference. Baltimore, MD. October 2023.
9. Reynolds CA, **Chakraborty P**, Hoatson T, Chen JT, Chibnik LB, Rich-Edwards J, Charlton BM. Sexual Orientation Disparities in Pregnancy Loss. Interdisciplinary Association for Population Health Science (IAPHS) Conference, Baltimore, MD. October 2023.
10. **Chakraborty P**, Reynolds CA, McKetta S, Soled K, Huang AK, Monseur B, Downing J, Obedin-Maliver J, Eliassen AH, Chavarro JE, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation-related disparities in fetal and neonatal outcomes. 36th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER). Portland, OR. June 2023.
11. Huang AK, Hoatson T, **Chakraborty P**, McKetta S, Soled KRS, Boehmer U, Reynolds C, Miranda A, Streed CG, Maingi S, Haneuse S, Kang JH, Austin SB, Eliassen AH, Charlton BM. Disparities in Cancer Incidence by Sexual Orientation. 10th Annual Dana-Farber/Harvard Cancer Center Celebration of Early Career Investigators in Cancer Research Symposium. Boston, MA. February 2023.

12. **Chakraborty P**, Ning X, McNeil M, Kline DM, Shoben AB, Miller WC, Turner AN. Analysis of 2019 Ohio Disease Intervention Specialist (DIS) Records for Syphilis Cases Using Clustering Algorithms. STD Prevention Conference. Virtual national conference. September 2022.
13. **Chakraborty P**, Callahan J, Smith M, Foster A, Norris AH. Measuring feelings about abortion at the time of abortion care. Psychosocial Workshop at the Population Association of America (PAA) 2021 Annual Meeting. Virtual national conference. April 2021.

Refereed solicited panel presentations

1. Jayaweera R, Johnson D, **Chakraborty P**, Charlton BM. The state of abortion in the US: current laws, barriers to access, and impact on public health. Society for Epidemiologic Research (SER) 2024 Annual Meeting. Austin, TX. June 2024.
2. Charlton BM, **Chakraborty P**, Reynolds CA. Networking for LGBTQ epidemiologists. Society for Epidemiologic Research 2024 Annual Meeting. Austin, TX. June 2024.
3. Gyuras H, **Chakraborty P**, Ahmed Z, Grant K. One year later: Lessons-learned from providing, navigating, and seeking abortion care in restrictive states after *Dobbs*. 2023 Take Root Red State Reproductive Justice Conference. Louisville, KY. October 2023.

Refereed solicited poster presentations

1. **Chakraborty P**, Tam M, Beccia A, Zubizarreta D, Miranda A, Reynolds CA, Smith MH, Haneuse S, Bessett D, Hancock AM, Charlton BM, Rocca CH. Abortion use by sexual orientation and race/ethnicity: applying the MAIHDA method. 2025 Society of Family Planning Annual Meeting. Pittsburgh, PA. October 2025.
2. **Chakraborty P**, Hood RB, Kirkendall A, Smith MH. Expanding our methods for studying contraceptive preferences: Application of the multilevel analysis of individual heterogeneity and discriminatory accuracy (MAIHDA) approach to the statewide Surveys of Women. Society for Epidemiologic Research (SER) 2025 Annual Meeting. Boston, MA. June 2025.
3. Tam MW, Berzansky I, **Chakraborty P**, Reynolds CA, Soled K, McKetta S, Veldhuis C, Koenen K, Charlton BM. Trauma, post-traumatic stress disorder symptoms, and adverse pregnancy outcomes: sexual orientation disparities in a prospective cohort study. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2025 Annual Meeting. Boston, MA. June 2025.
4. Reynolds CA, **Chakraborty P**, Berzansky I, Charlton BM. Sexual orientation disparities in pregnancy loss: Mediation by chronic hypertension. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2025 Annual Meeting. Boston, MA. June 2025.
5. **Chakraborty P**, Schroeder E, Reynolds CA, McKetta S, Obedin-Maliver J, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation-related disparities in fetal and neonatal outcomes. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2024 Annual Meeting. Austin, TX. June 2024.
6. Reynolds CA, **Chakraborty P**, Hoatson T, Chen JT, Chibnik LB, Rich-Edwards J, Charlton BM. Sexual Orientation Disparities in Pregnancy Loss: A Meta-Analysis of Three Longitudinal Cohorts. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2024 Annual Meeting & Society for Epidemiologic Research 2024 Annual Meeting. Austin, TX. June 2024.
7. **Chakraborty P**, McKetta S, Reynolds CA, Smith MH, Moseson H, Beccia A, Soled KRS, Hoatson T, Huang AK, Eliassen AH, Haneuse S, Charlton BM. Differences in abortion utilization by sexual orientation in three national cohorts. 2023 Society of Family Planning Annual Meeting. Seattle, WA. October 2023.

8. **Chakraborty P**, Reynolds CA, McKetta S, Soled K, Huang AK, Monseur B, Downing J, Obedin-Maliver J, Eliassen AH, Chavarro JE, Austin SB, Everett B, Haneuse S, Charlton BM. Sexual orientation-related disparities in fetal and neonatal outcomes. Society for Epidemiologic Research 2023 Annual Meeting. Portland, OR. June 2023.
9. Soled KRS, Hoatson T, Monseur B, Everett B, **Chakraborty P**, Reynolds CA, Huang AK, McKetta S, Haneuse S, Charlton BM. Differences in Assisted Reproductive Technology Use among Cisgender Women with Same-Sex versus Different-Sex Partners: Findings from a Prospective Cohort across the U.S. Society for Epidemiologic Research 2023 Annual Meeting. Portland, OR. June 2023.
10. Huang AK, Hoatson T, **Chakraborty P**, McKetta S, Soled KRS, Boehmer U, Reynolds CA, Miranda A, Streed CG, Maingi S, Haneuse S, Kang JH, Austin SB, Eliassen AH, Charlton BM. Disparities in Cancer Incidence by Sexual Orientation. Society for Epidemiologic Research 2023 Annual Meeting. Portland, OR. June 2023.
11. Huang AK, Hoatson T, **Chakraborty P**, McKetta S, Soled KRS, Boehmer U, Reynolds C, Miranda A, Streed CG, Maingi S, Haneuse S, Kang JH, Austin SB, Eliassen AH, Charlton BM. Disparities in Cancer Incidence by Sexual Orientation. 4th NCI Symposium on Cancer Health Disparities. Bethesda, MD. April 2023.
12. McKetta S, Austin SB, **Chakraborty P**, Eliassen AH, Everett B, Haneuse S, Huang AK, Reynolds CA, Soled KRS, Stroumsa D, Charlton BM. Disparities in Cesarean delivery by sexual orientation. Population Association of America Annual Meeting. New Orleans, LA. April 2023.
13. **Chakraborty P**, Ning X, McNeil M, Kline DM, Shoben AB, Miller WC, Turner AN. Using Natural Language Processing (NLP) and Machine Learning Methods to Predict Topics Included in 2019 Ohio Syphilis Disease Intervention Specialist (DIS) Records. STD Prevention Conference. Virtual national conference. September 2022.
14. Smith MH, Callahan J, **Chakraborty P**, Foster A, Gyuras H, Chettri S, Bessett D, Norris AH. Sentiment among patients seeking abortion care in a Midwestern clinic. American Sociological Association Annual Meeting. Virtual national conference. August 2021.
15. Smith MH, Norris AH, **Chakraborty P**, Callahan J, Bessett D, Foster A, Gyuras H, Lang K, McGowan M, Hayford S, Higgins J. Abortion travel within the US: an analysis of cross-state movement to obtain abortion care. National Abortion Federation's (NAF's) Annual Meeting. Virtual national conference. May 2021.
16. Rice R, **Chakraborty P**, Keder L, Turner AN, Gallo MF. Who attends a crisis pregnancy center in Ohio? Population Association of America Annual Meeting. Virtual national conference. May 2021.
17. **Chakraborty P**, Gallo MF, Smith MH, Hood RB, Nawaz S, Chettri S, Norris AH, Casterline J, Turner AN. Non-Use of Preferred Contraceptive Method Among Contracepting Women in Ohio. 2020 Society of Family Planning Annual Meeting. Virtual national conference. October 2020.
18. **Chakraborty P**, Chettri S, Gallo MF, Smith MH, Hood RB, Casterline J, Turner AN. Correlates of Never-Use of Long-Acting Reversible Contraception Among Women Who Have Used Contraception in Ohio. 2020 Society of Family Planning Annual Meeting. Virtual national conference. October 2020.
19. Alalwan M, **Chakraborty P**, Johnson RM, Li L, Lancaster K, Zhu M. Mental Health and Substance Use by Sexual Orientation in High School Students Who Experienced Sexual Violence. American Public Health Association (APHA) 2019 Annual Meeting and Expo. Philadelphia, Pennsylvania. November 2019.
20. Norris AH, **Chakraborty P**, Lang K, Hood RB, Hayford S, Keder L, Bessett D, Norwood C, McGowan M. Abortion Access in Ohio's Changing Legislative Context. 2019 Society of Family Planning Annual Meeting. Los Angeles, California. October 2019.

21. **Chakraborty P**, Norris AH, Huber-Krum S, Garver S, Hood RB, Banda V, Turner AN. An Assessment of Risk Factors for HSV-2 Infection in Malawian Women Using Two Classifications for the HerpeSelect 2 Test. The International Society for Sexually Transmitted Diseases Research (ISSTD). Vancouver, BC, Canada. July 2019.
22. **Chakraborty P**, Carpenter KLH, Major S, McVea M, Vermeer S, Franz L, Lorenzi J, Dawson G. Gastrointestinal Problems are Associated with Increased Repetitive Behaviors but not Social Communication Difficulties in Young Children with Autism. International Society for Autism Research (INSAR) 2019 Annual Meeting. Montreal, Québec, Canada. May 2019.
23. Jung H, Mosner MG, McLaurin RE, Hakimi S, Parelman JM, Kinard J, **Chakraborty P**, Dichter G, Carter RM. Co-opted Social Cognitive Neural Substrates in Autism During Strategic Gameplay. Annual Scientific Convention and Meeting of Society of Biological Psychiatry. Atlanta, Georgia. May 2016.

Digital and other novel forms of scholarship

1. **Chakraborty P** and Bessett D. If abortion is banned in Ohio, seekers would have to drive 157 to 269 miles. Opinion Editorial in *The Columbus Dispatch*. April 26, 2022.
<https://www.dispatch.com/story/opinion/columns/guest/2022/04/26/opinion-abortion-ban-would-unfairly-impact-poor-and-people-color-payal-chakraborty-danielle-bessett/7437940001/>

TEACHING ACTIVITIES

Teaching of students in courses

2024	Clinical Epidemiology and Population Health Medical and Dental Students	Harvard Medical School Teaching Assistant 2-3 sessions/week for 4 weeks
2023–2024	Applied LGBTQIA+ Reproductive Epidemiology: From Design to Publication Graduate Students	Harvard T.H. Chan School of Public Health Co-Instructor 1-2 sessions/week for 16 weeks
2023	Advanced Topics in Women, Gender, and Health Graduate Students	Harvard T.H. Chan School of Public Health Guest Lecturer Hour lecture
2023	Clinical Epidemiology and Population Health Medical and Dental Students	Harvard Medical School Teaching Assistant 2-3 sessions/week for 4 weeks
2022	Gender, Medicine, and Public Health Undergraduate Students	Massachusetts Institute of Technology Guest Lecturer Half-hour lecture
2022	Infectious Diseases in the Developing World Undergraduate and Graduate Students	The Ohio State University Graduate Teaching Associate 10 hours/week for 1 semester
2021	Methods in Quantitative Data Analysis Graduate Students	The Ohio State University Graduate Teaching Associate 10 hours/week for 1 semester
2018	Biostatistics and Epidemiology II Graduate Students	Duke Global Health Institute Teaching Assistant

10 hours/week for 1 semester

2017	Biostatistics and Epidemiology I Graduate Students	Duke Global Health Institute Teaching Assistant 10 hours/week for 1 semester
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Teaching of residents

2023	Seminar Series Internal Medicine Residents	Beth Israel Deaconess Medical Center Guest Lecturer Hour lecture
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Research supervisory and training responsibilities

2022–2025	Mentor, Harvard Medical School	I serve as a mentor for 1 MD/PhD student, 1 postdoc, 1 data analyst, and 1 high school student
2019–2022	Mentor, Ohio Policy Evaluation Network	I served as a secondary mentor for 1 medical student, 1 undergraduate student, and 2 graduate students

GRANTS

2025–2028	Differences in Unintended Pregnancies by State Contexts NIH/NICHD, R00HD114852 Role: PI (\$642,211 total costs, all years)	
2025	Cardiovascular Health of Sexual and Gender Minorities in the Hispanic Community Health Study/Study of Latinos (SGM HCHS/SOL) NIH/NHLBI, R01HL149778 Role: Co-I (MPI: Perreira and Poteat)	
2024–2025	Sexual Orientation-Related Disparities in Unintended Pregnancies by State-Level Policy and Structural Contexts NIH/NICHD, K99HD114852 Role: PI (\$131,657 total costs, current year)	
2024–2025	Mediators of Sexual Orientation Disparities in Adverse Pregnancy Outcomes Harvard LGBTQ Center for Excellence, Health Equity Fund Research Award Role: PI (\$5,000 total costs, all years)	
2022–2024	CVD Epidemiology Training Program in Behavior, the Environment and Global Health NIH/NHLBI, T32HL098048 Role: Trainee – Postdoctoral Research Fellow (MPI: Rimm and Danaei)	
2022, 2024	Sexual Orientation-Related Disparities in Obstetrical and Perinatal Health NIH/NIMHD, R01MD015256 Role: Trainee – Postdoctoral Research Fellow (PI: Charlton)	
2018–2022	Ohio Policy Evaluation Network Anonymous Foundation Role: Trainee – Graduate Research Associate (MPI: Norris and Bessett)	

2017	Characterizing Epilepsy Management and Patient Outcomes in Uganda Duke University, The Josiah Charles Trent Memorial Foundation Endowment Fund Role: Collaborator (PI: Kolls)
2016–2018	Uganda Epilepsy Center of Excellence Program UCB Societal Responsibility Fund and King Baudouin Foundation Role: Trainee – Graduate Research Assistant (PI: Haglund)
2015–2018	The Autism Biomarkers Consortium for Clinical Trials NIH/NIMH, U19MH108206 Role: Senior Clinical Research Specialist (PI: Dawson)