

ASHLEY A. LEECH, Ph.D., MS
Department of Health Policy
Vanderbilt University School of Medicine
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ACADEMIC APPOINTMENT

2018-Present **Vanderbilt University School of Medicine** (Nashville, Tennessee)
Assistant Professor, Department of Health Policy

RESEARCH FIELDS

Methods

Decision analysis | Cost-effectiveness analysis
Health policy | Health services research
Health economics | Pharmacoepidemiology

Topics

Pregnancy | Postpartum | Infant health | Opioid
use disorder | Substance use | Pharmacotherapy

POST-DOCTORAL TRAINING

2016-2018 **Post-Doctoral Fellow in Health Economics**, Center for the Evaluation of Value and Risk
in Health (CEVR), Institute for Clinical Research and Health Policy Studies, Tufts
University School of Medicine/Tufts Medical Center (Boston, Massachusetts)
Mentors: Peter Neumann, Joshua Cohen, Pei Jung Lin, Tara Lavelle, David Kim

EDUCATION

2016 **Ph.D., Health Services Research, Boston University School of Public Health**
(Boston, Massachusetts)
Dissertation: Examining Access and Cost Implications for HIV Serodiscordant Couples
Seeking Conception Services: An Integrative Approach
Mentors: Benjamin Linas, Mari-Lynn Drainoni, Cindy Christiansen, James Burgess

2008 **MS, International Relations/African Studies, University of Oxford**
(Oxford, England)
Dissertation: Writing Gender: Representations of Women in Margery Perham's
Personal Papers. *Dissertation Mark:* *Distinction*

2007 **BA, Political Science, English Literature, Magna Cum Laude, Lycoming College**
(Williamsport, Pennsylvania)
Dissertation: The Christian Right: A Comprehensive Study of the Influence of
Religiosity on Senate Roll Call Voting Behavior

2005 **American Government, Summa Cum Laude, American University**
(Washington, DC)
Dissertation: Social Security Reform: A Comprehensive Review of Personal
Retirement Accounts
Legislative Intern for the United States Senator Arlen Specter (2006) in Washington,
D.C.; U.S. Foreign Policy and Economics: Asia, Africa, and the Middle East

FUNDED RESEARCH

- 2020-Present NIH/NIDA (1 K01 DA050740, Leech)
Total: \$860,390
“Advancing Treatment Outcomes for Pregnant Women with Opioid Use Disorder”
Funding period: 04/01/2020-03/31/2025
Role: Principal Investigator, 9.00 calendar months
- 2019-Present NIH/NINDS (1 R01 NS113171, Trevathan),
Total: \$856,096 (Yr 1: DC), \$1,138,378 (Yr 1: Total)
“Bridging the Childhood Epilepsy Treatment Gap in Africa (BRIDGE)”
Funding period: 07/01/2019 – 06/30/2024
Role: Co-investigator, 1.2 calendar years
- 2022-Present NIH/NICHD (P50HD106446-GR013778, Kannankeril/Edwards)
Total pilot grant: \$40,000
Maternal/pediatric precision therapeutics: “Maternal Mortality and Overdose in Opioid-Vulnerable and Opioid-Dependent Pregnant Individuals”
Funding period: 01/01/2022-07/31/2023
Role: Principal Investigator
- 2022-2023 Vital Strategies, Bloomberg Philanthropies and CDC Foundation (Graves)
Total: \$151,547
“Health Economics Modeling Workshop”
Role: Co-investigator, 1.2 calendar years
- 2018-2019 NIH/NIDA (R01 DA045729, Patrick)
Total: \$474,596
“Improving Access to Treatment for Women with Opioid Use Disorder”
Funding period: 4/15/2018 – 01/31/2022
Role: Co-investigator, 1.2 calendar years
- 2018-2020 CDC/Tennessee Department of Health (GR1959823, Limper)
Total: \$93,600
“Evaluation of TDOH’s statewide efforts to improve screening and reduce morbidity and mortality related to cancers across the state.”
Funding period: 8/1/2018 – 6/30/2020
Role: Co-investigator, 0.6 calendar years

PEER-REVIEWED PUBLICATIONS

1. Morgan JR, **Leech AA**. Commentary on Schmidt *et al.*: Informed patient preference and prioritizing access to medications for opioid use disorder for pregnant individuals. *Addiction*. 2024 April 3; 1-2; <https://doi.org/10.1111/add.16495>
2. Landovitz RJ, Tao L, Yang J, de Boer M, Carter C, Das M, Baeten JM, Liu A, Hoover KW, Celum C, Grinsztejn B, Morris S, Wheeler DP, Mayer KH, Golub SA, Bekker LG, Diabaté S, Hoornenborg E, Myers J, **Leech AA**, McCormack S, Chan PA, Sweat M, Matthews LT, Grant R, the Global F/TDF PrEP Study Team. HIV-1 Incidence, Adherence, and Drug Resistance in Individuals Taking Daily Emtricitabine/Tenofovir Disoproxil Fumarate for HIV-1 Pre-Exposure Prophylaxis: Pooled Analysis From 72 Global Studies. *Clinical Infectious Diseases*. 2024 March 14; ciae143: 1-23; <https://doi.org/10.1093/cid/ciae143>
3. Marrazzo J, Tao L, Becker M, **Leech AA**, Taylor AW, Ussery F, Kiragu M, Reza-Paul S, Myers J, Bekker LG, Yang J, Carter C, de Boer M, Das M, Baeten JM, Celum C. HIV Preexposure Prophylaxis with Emtricitabine and Tenofovir Disoproxil Fumarate Among Cisgender Women. *JAMA*. 2024 March 1; 331(11): 930-937; doi:10.1001/jama.2024.0464

4. Bosworth OM, Padilla-Azain MC, Adgent MA, Spieker AJ, Wiese AD, Pham A, **Leech AA**, Grijalva CG, Osmundson SS. Prescription Opioid Exposure During Pregnancy and Risk of Spontaneous Preterm Delivery. *JAMA Network Open*. 2024 February 14; 7(2): e2355990; doi:10.1001/jamanetworkopen.2023.55990
5. Clifford CM, Askew N, Smith D, Iniguez J, Smith A, House MD, **Leech AA**. Prenatal aneuploidy screening in a low-risk Hispanic population: price elasticity and cost-effectiveness. *AJOG Global Reports*. 2024 February 1; 4(1): 100293; <https://doi.org/10.1016/j.xagr.2023.100293>
6. **Leech AA**, McNeer E, Stein BD, Richards MR, McElroy T, Dupont WD, Patrick SW. County-level Factors and Treatment Access Among Insured Women with Opioid Use Disorder. *Medical Care*. 2023 December 1; 61(12): 816-821; doi: 10.1097/MLR.0000000000001867
7. Sampson C, Leech AA, Garcia-Lorenzo B. Opportunity costs in health care: cost-effectiveness thresholds and beyond. Editorial article, *Front. Health Serv., Sec. Cost and Resource Allocation*. 2023 October 26; Vol 3: 1293592; <https://doi.org/10.3389/frhs.2023.1293592>
8. **Leech AA**, Roberts AA, Dusetzina SB, Lai P, Morgan JR, Patrick SW. Out-of-pocket costs, and buprenorphine persistence among privately insured adults initiating treatment for opioid use disorder. *JAMA Internal Medicine*. 2023 August 7; e232826; doi: 10.1001/jamainternmed.2023.2826.
9. Boos EW, Horta M, Thompson I, Dusetzina SB, **Leech AA**. Trends in the use of mifepristone for medical management of early pregnancy loss, 2016-2020. *JAMA*. 2023 Jul 21; doi: 10.1001/jama.2023.13628.
10. Grossarth, S, Osmundson SS, Wiese AD, Phillips SE, Pham A, **Leech AA**, Patrick SW, Spieker AJ, Grijalva CG, Adgent MA. Maternal Opioid Use Disorder and the Risk of Postneonatal Infant Mortality. *JAMA Pediatrics*. 2023 July 1; 177(7): 675-683; doi: 10.1001/jamapediatrics.2023.1047
11. Richards M, **Leech AA**, Stein BD, Patrick SW. Prevalence of buprenorphine providers requiring cash payment from insured women seeking opioid use disorder treatment. *Medical Care*. 2023 Jun 1; 61(6): 377-383; doi: 10.1097/MLR.0000000000001851.
12. Baig K, Dusetzina SB, Kim DD, **Leech AA**. Medicare Part D Coverage of Antiobesity Medications—Challenges and Uncertainty Ahead. *N Engl J Med*. 2023 March 11; 388(11): 961-963; doi: 10.1056/NEJMp2300516
13. Wisotzkey AK, **Leech AA**, Graves AR, Lwelu CC, Pourali SP, Osmundson SS. Obstetrical clinician opioid prescribing perspectives after cesarean delivery in Tennessee. *American Journal of Obstetrics and Gynecology, Maternal-Fetal Medicine (AJOG-MFM)*. 2022 December 9; 5(3): 100835; doi: <https://doi.org/10.1016/j.ajogmf.2022.100835>
14. **Leech AA**, Lin PJ, D’Cruz B, Parson SK, Lavelle TA. Family Spillover Effects – Are Economic Evaluations Misrepresenting the Value of Healthcare Interventions to Society? *Applied Health Economics and Health Policy*. 2022 August 23; 21(1): 5-10; doi: 10.1007/s40258-022-00755-8
15. Sampson C, Zamora B, Watson S, Cairns J, Chalkidou K, Cubi-Molla P, Devlin N, Garcia-Lorenzo B, Hughes DA, **Leech AA**, Towse A. Supply-Side Cost-Effectiveness Thresholds: Questions for Evidence-Based Policy. *Applied Health Economics and Health Policy*. 2022 Jun 7; 20(5): 651-667; doi: 10.1007/s40258-022-00730-3
16. Richards M, **Leech AA**, Stein BD, Buntin MB, Patrick SW. Medicaid Prevalence and Addiction Treatment Access Disparities for Women with Opioid Use Disorder. *Health Services Research*. 2022 April; 57(2): 422-429; doi: 10.1111/1475-6773.13920

17. Tang LA, Jeffery AD, **Leech AA**, Osmundson SS, Schirle L, Phillippi JC, PhD. A Comparison of Methods to Identify Antenatal Substance Use Within Electronic Health Records. *American Journal of Obstetrics & Gynecology MFM*. 2021 November 19; 4(2); <https://doi.org/10.1016/j.ajogmf.2021.100535>
18. Webb, P, Goodarz D, Masters WA, Rosettie KL, **Leech AA**, Cohen JT, Blakstad M, Kranz S, Mozaffarian D, the Global Nutrition and Policy Consortium. Modelling the Potential Cost-Effectiveness of Food-Based Programs to Reduce Malnutrition. *Global Food Security*. 2021 June; Vol 29; doi: 10.1016/j.gfs.2021.100550.
19. Nguyen JT, Cole AL, **Leech AA**, Wood WA, Dusetzina SB. [Author's reply]: Cost-Effectiveness of First-Line Tyrosine Kinase Inhibitor Therapy Initiation Strategies for Chronic Myeloid Leukemia. *Value in Health*. 2021 July; 24(7): 1086-1087; <https://doi.org/10.1016/j.jval.2020.12.025>.
20. Nguyen JT, Cole AL, **Leech AA**, Wood WA, Dusetzina SB. Cost-Effectiveness of First-Line Tyrosine Kinase Inhibitor Therapy Initiation Strategies for Chronic Myeloid Leukemia. *Value in Health*. 2020 October; 23(10): 1292-1299; doi: 10.1016/j.jval.2020.05.019.
21. **Leech AA**, Christiansen C, Linas BP, Jacobsen DM, Morin I, Drainoni M-L. Healthcare practitioner experiences and willingness to prescribe pre-exposure prophylaxis in the US. *PLOS One*. 2020 September 3; 15(9): e0238375; <https://doi.org/10.1371/journal.pone.0238375>
22. Patrick SW, Richards M, McNeer E, Dupont W, Buntin MB, Martin PR, Davis MM, Davis C, Hartman K, **Leech AA**, Lovell KS, Stein BD, Cooper WO. Association of Pregnancy and Insurance Status with Treatment Access for Opioid Use Disorder. *JAMA Network Open*. 2020 August 14; 3(8): e2013456; doi:10.1001/jamanetworkopen.2020.13456.
23. Lessing NL, Zuckerman SL, Lazaro A, **Leech AA**, Leidinger A, Rutabasibwa N, Shabani HK, Mangat HS, Härtl R. Cost-effectiveness of operating on traumatic spinal injuries in low-middle income countries: a preliminary report from a major East African referral center. *Global Spine Journal*. 2020 August 17: 1-9; doi: 10.1177/2192568220944888.
24. **Leech AA**, Biancarelli DL, Aaron E, Miller ES, Coleman J, Anderson PL, Nkwihoreze H, Condron B, Sullivan M. HIV Pre-exposure Prophylaxis (PrEP) for Conception among HIV Serodiscordant Couples in the United States: A Cohort Study. *AIDS Patient Care STDs*. 2020 July 6; 34(7): 295-302; doi: 10.1089/apc.2020.0005.
25. **Leech AA**, Cooper MO, McNeer E, Scott TA, Patrick SW. Neonatal Abstinence Syndrome in the United States, 2004-2016. *Health Affairs*. 2020 May; 39(5): 764-767; doi: 10.1377/hlthaff.2019.00814.
26. **Leech AA**, Neumann PJ, Cohen JT, Jagasia M, Dusetzina SB. Balancing Value with Affordability: Cell Immunotherapy for Cancer Treatment in the U.S. *Oncologist*. 2020 May 9; 25(7): e1117-e1119; doi: 10.1634/theoncologist.2020-0025
27. **Leech AA**, Kim DD, Cohen JT, Neumann PJ. Are Low and Middle-Income Countries Prioritising High-Value Healthcare Interventions? *BMJ Global Health*. 2020 February 4; 5(2): e001850; doi: 10.1136/bmjgh-2019-001850.
28. Lin P-J, D'Cruz B, **Leech AA**, Neumann PJ, Aigbogun MS, Oberdhan D, Lavelle T. Family and Caregiver Spillover Effects in Cost-Utility Analyses of Alzheimer's Disease Interventions. *Pharmacoeconomics*. 2019 April; 37(4): 597-608; doi: 10.1007/s40273-019-00788-3.
29. **Leech AA** and Dusetzina SB. Cost-Effective but Unaffordable: The CAR T Conundrum. *J Natl Cancer Inst*. 2019 July 1; 111(7): 644-645; doi: 10.1093/jnci/djy195.
30. **Leech AA**, Burgess J, Sullivan M, Kuohung W, Horný M, Drainoni M-L, Christiansen C, Linas BP. The Cost-Effectiveness of Pre-Exposure Prophylaxis for HIV Prevention During Conception in the United States. *AIDS*. 2018 Nov 28; 32(18): 2787-2798; doi: 10.1097/QAD.0000000000002014.

31. Drainoni M-L, Biancarelli DL, **Leech AA**, Sullivan M, Bazzi AR. Implementing a Pre-Exposure Prophylaxis Intervention for Safer Conception among HIV Serodiscordant Couples: Recommendations for Health Care Providers. *J Health Dispar Res Pract*. 2018 Summer; 11(2): 19-33.
32. **Leech AA**, Kim DD, Cohen JT, Neumann PJ. Use and Misuse of Cost-Effectiveness Analysis Thresholds in Low- and Middle-Income Countries: Trends in Cost-per-DALY Studies. *Value in Health*. 2018 Jul, Epub 2018 Feb 21; 21(7): 759-761; doi: 10.1016/j.jval.2017.12.016.
33. Thokala P, Ochalek J, **Leech AA**, Tong T. Cost-Effectiveness Thresholds: The Past, the Present and the Future. *Pharmacoeconomics*. 2018 May; 36(5): 509-522; doi: 10.1007/s40273-017-0606-1.
34. Leech AA, Bortoletto P, Christiansen C, Drainoni M-L, Linas BP, Roeca C, et al. Assessing access to assisted reproductive services for serodiscordant couples with human immunodeficiency virus infection. *Fertil Steril*. 2018 Mar, Epub Feb 7; 109(3): 473-477; doi: 10.1016/j.fertnstert.2017.11.039.
35. Bazzi AR, **Leech AA**, Biancarelli DL, Sullivan M, Drainoni M-L. Experiences Using Pre-Exposure Prophylaxis for Safer Conception Among HIV Serodiscordant Heterosexual Couples in the United States. *AIDS Patient Care STDs*. 2017 Aug, Epub Jul 18; 31(8): 348–355; doi: 10.1089/apc.2017.0098.
36. Curtis M, El Ayadi A, Mkumba G, Butrick E, **Leech A**, Geissler J, et al. Association between severe obstetric hemorrhage and HIV status. *Int J Gynaecol Obstet*. 2014 Apr, Epub Jan 14; 125(1): 79–80; doi: 10.1016/j.ijgo.2013.10.010.

PUBLICATIONS UNDER REVIEW

- Spieker AJ, Adgent MA, Osmundson SS, Phillips SE, Mitchel E, **Leech AA**, Grijalva CG, Wiese AD. The impact of different strategies for modeling associations of medications at low doses and health outcomes: a simulation study and practical application to postpartum opioid use. In Press.
- Reese, TJ, Ancker JS, Wiese AD, Patrick SW, Zahn L, Matheny ME, Markovitz D, Padi-Adjirackor NA, **Leech AA**, Steitz B, Liu S, Wright A. Racial differences in modifiable factors of buprenorphine treatment. Under Review.
- Fry CE, Jeffery AD, Horta M, Osmundson SS, Phillippi J, Schirle L, **Leech AA**. Association of opioid prescribing limits on postpartum opioid analgesic prescribing. Under Review.
- Fang Y, Jeffery AD, Patrick SQ, Young J, Raffi E, Harder GM, Osmundson SS, Phillippi J, **Leech AA**. Healthcare Trajectories for Pregnant Individuals with Opioid Use Disorder: A Group-Based Multi-Trajectory Modeling Approach. Under Review.
- Graves J, **Leech AA**, Zhu J, Martin M, and Garbett S. Modeling Disability-Adjusted Life Years for Policy and Decision Analysis. March 21, 2024.

CONFERENCE PRESENTATIONS

- *Association between social vulnerability and severe maternal morbidity (Poster)*. Society for Maternal-Fetal Medicine 44th Annual Pregnancy Meeting; National Harbor, MD. February 10-14, 2024.
- *Prescription opioid exposure and risk of spontaneous preterm delivery (Poster)*. Society for Maternal-Fetal Medicine 44th Annual Pregnancy Meeting; National Harbor, MD. February 10-14, 2024.
- *Integrating pregnancy, postpartum, and birth outcomes into a discrete event simulation model of opioid use disorder treatment (Oral)*. 45th Annual North American Meeting of the Society for Medical Decision Making; Philadelphia, PA. October 22-25, 2023.

- *Common Random Numbers in Discrete Event Simulation for Disease Modeling: A Statin Treatment Case Study (Oral)*. 45th Annual North American Meeting of the Society for Medical Decision Making; Philadelphia, PA. October 22-25, 2023.
- *Adherence to hypoglycemic medications among pregnant patients with gestational diabetes*. International Society for Pharmacoepidemiology; Halifax, Nova Scotia, Canada. August 23-27, 2023.
- *The risk of serious opioid-related events associated with the discharge of opioid and non-opioid analgesic regimens among patients hospitalized with a long-bone fracture*. International Society for Pharmacoepidemiology; Halifax, Nova Scotia, Canada. August 23-27, 2023.
- *Prenatal opioid use disorder exposure and infant mortality (Poster)*. Society for Maternal-Fetal Medicine 43rd Annual Pregnancy Meeting; San Francisco, CA. February 6-11, 2023.
- *Hypoglycemic medication adherence in women with gestational diabetes mellitus (Poster)*. Society for Maternal-Fetal Medicine 43rd Annual Pregnancy Meeting; San Francisco, CA. February 6-11, 2023.
- *Measuring utilization of mifepristone in medication management of missed abortions: Retrospective claims analysis study (Poster)*. Society of Family Planning Annual Meeting; Baltimore, MD. December 3-5, 2022.
- *Opioid use disorder and birth outcomes: The impact of preterm birth and weight on long-term survival, quality of life, and healthcare costs (Oral)*. Society for Medical Decision Making 44th Annual North American Meeting; Seattle, Washington. October 23-26, 2022
- *Preservation of non-linear correlation between birth outcomes when calibrating to known marginal distribution ratios among infants affected by opioids (Poster)*. Society for Medical Decision Making 44th Annual North American Meeting; Seattle, Washington. October 23-26, 2022
- *Bridging the childhood epilepsy treatment gap in Africa (BRIDGE): A cluster randomized clinical trial of task-shifted epilepsy care*. 34th International Epilepsy Congress; Virtual – Online, August 28-September 1, 2021.
- *Treatment for Opioid Use Disorder: Reducing Barriers to Engaging in Care*. Rx Drug Abuse & Heroin Summit; Virtual – Online, April 5-8, 2021.
- *Barriers to Accessing Medications for Opioid Use Disorder Among Pregnant Women*. AcademyHealth 2020 Annual Research Meeting; Virtual - Online, July 28-August 6, 2020.
- *Barriers to Accessing Medications for Opioid Use Disorder Among Pregnant Women*. Pediatric Academic Societies Meeting; summer webinar series 2020.
- *Bridging the Childhood Epilepsy Treatment Gap in Africa (BRIDGE): A Protocol for a Cluster Randomized Clinical Trial of Task-Shifted Epilepsy Care in Three Northern Nigerian Cities*. 16TH ICNC/49th Annual Child Neurology Society Meeting; Virtual - Online, October 12-23, 2020
- *An Assessment of Value for Routine Care in Pregnancy*. 41st Annual North American Meeting, Society for Medical Decision Making; Portland, Oregon, October 2019
- *Are Low and Middle-Income Countries Prioritizing High-Value Healthcare Interventions?* 41st Annual North American Meeting, Society for Medical Decision Making (SMDM); Portland, Oregon, October 2019.
- *Family and Caregiver Health-Related Quality of Life from Cancer: A Systematic Review of the Literature*. AcademyHealth 2018 Annual Research Meeting; Seattle, Washington, June 2018

- *Cost-effectiveness thresholds in published cost-per-DALY studies.* 12th World Congress of the International Health Economics Association; Boston, Massachusetts, July 2017
- *Family and Caregiver Spillover Effects in Cancer Cost-Effectiveness Analyses.* 39th Society for Medical Decision-Making Annual Meeting; Pittsburgh, PA, October 2017
- *Assessing Access to Assisted Reproductive Services for HIV Serodiscordant Couples.* American Society for Reproductive Medicine Scientific Congress; Salt Lake City, Utah, October 2016
- *Assessing Access to Assisted Reproductive Services for HIV Serodiscordant Couples.* Evan's Memorial Department of Medicine; Boston University School of Medicine, Boston, MA, October 2016
- *Cost-Effectiveness of Pre-Exposure Prophylaxis for HIV Prevention During Conception.* 9th International AIDS Society (IAS) Conference on HIV Science; Paris, France, July 2017
- *Family and Caregiver Spillover Effects in Alzheimer's Disease Cost-Effectiveness Analyses.* Alzheimer's Association International Conference; London, England, July 2017
- *Cost-Effectiveness of Pre-Exposure Prophylaxis for HIV Prevention During Conception.* Tufts Clinical & Translational Science Poster Competition as part of the 19th Annual Clinical & Translational Science Graduate Program Symposium; Tufts Medical Center, Boston, MA, May 2017
Competition winner
- *Adherence to PrEP among HIV-negative women attempting conception with HIV-positive male partners in the US.* International Association of Providers of AIDS Care (IAPAC) Annual Conference; Fort Lauderdale, Florida, May 2016
- *A unique population: adherence to PrEP among HIV-negative women attempting conception with HIV-positive male partners in the US.* 7th International Workshop on HIV and Women; Seattle, Washington, February 2017
- *A unique population: Adherence to PrEP among HIV-negative women attempting conception with HIV-positive male partners in the US.* 12th International Conference on HIV Treatment and Prevention Adherence; Miami, Florida, June 2017

INVITED TALKS

- *"Cost-Effectiveness Analysis and its Role in Health Policy"*
 - [Virtual] Vanderbilt University School of Medicine, Division of Internal Medicine and Public Health, October 16, 2023
- *"Treatment for Opioid Use Disorder: Optimizing Pregnancy and Birth Outcomes"*
 - [Virtual] Harvard Pilgrim Health Care Institute and Harvard Medical School, Division of Child Health Research and Policy (CHeRP), June 26, 2023
- *"Treatment for Opioid Use Disorder: Advancing Maternal and Birth Outcomes"*
 - [Virtual] University of Michigan, Susan B. Meister Child Health Evaluation and Research (CHEAR) Center, November 8, 2022
- *"Treatment for Opioid Use Disorder: Advancing Maternal and Birth Outcomes"*
 - [Virtual] Vanderbilt University School of Medicine, Vanderbilt Pediatric Research Conference, November 14, 2022
- *"Advancing Treatment Outcomes for Pregnant Individuals with Opioid Use Disorder"*

- [Virtual] University of California at Davis, UC Davis Center for Health Care Policy and Research, May 5, 2021
- “*Cost-effectiveness Analysis and its Role in Health Policy*”
 - [In person] Vanderbilt University School of Medicine, Vanderbilt Internal Medicine Residency Program: Learning Communities Series, April 16, 2021
- “*Cost-effectiveness Analysis and Comparative Effectiveness Analysis*”
 - [Virtual] Vanderbilt University School of Nursing, Health Services Research Track, June 27, 2019

MEDIA

- Interview with Dr. Ashley Leech on the potential implications of Medicare Part D covering medications for obesity treatment. <https://www.nejm.org/doi/10.1056/NEJMdo006993/full/>
- Specialty Pharmacy Continuum. Feb. 19, 2021. “Pharms well positioned to administer HIV PrEP” <https://www.specialtypharmacycontinuum.com/Clinical/Article/02-21/Pharms-Well-Positioned-to-Administer-HIV-PrEP/62553>
- ScienceDaily. Sept. 17, 2020: “Many practitioners are not prescribing HIV prevention medication” <https://www.sciencedaily.com/releases/2020/09/200917181238.htm>
- Discover, Vanderbilt University Medical Center. Nov. 4, 2020: “Under-prescribing of PrEP is Widespread” <https://discover.vumc.org/2020/11/under-prescribing-of-prep-is-widespread/>
- National Institutes of Health HEAL (Helping to End Addiction Long-Term) Initiative. May 13, 2020: “Research Spotlights | Relevant Reads: Neonatal Abstinence Syndrome in the United States, 2004-16”
- Keet, Einav. Jan. 8, 2019: “Study Explores Cost-Effectiveness of Conception Strategies for HIV Serodiscordant Couples” <https://www.contagionlive.com/news/study-explores-costeffectiveness-of-conception-strategies-for-hiv-serodiscordant-couples>
- ISPOR News & Press Releases. July 23, 2018: “Challenging the Status Quo: Report Urges the Use of Local Context to Determine Cost-Effectiveness Thresholds in Low- and Middle-income Countries” <http://press.ispor.org/index.php/challenging-the-status-quo-report-urges-the-use-of-local-context-to-determine-cost-effectiveness-thresholds-in-low-and-middle-income-countries/>
- ASRM Bulletin. Feb. 7, 2018: “Fertility Care for HIV Serodiscordant Couples is More Widely Available” <https://www.asrm.org/news-and-publications/news-and-research/press-releases-and-bulletins/fertility-care-for-hiv-serodiscordant-couples-is-more-widely-available/>

PROFESSIONAL SERVICE AND AFFILIATIONS

Professional Affiliations:

- Society for Medical Decision Making (SMDM)
 - Chair, MDM Teaching Interest Group, 2019-present
 - Education Committee Member, 2021-present
 - Finance Committee Member, 2023-present
- AcademyHealth
- International Health Economics Association (iHEA)

University Service and Affiliations:

- Ph.D. Comprehensive Exams Committee
- Ph.D. Advisory Committee

- MPH Review Committee
- Health Policy Grand Rounds
- Vanderbilt University's Pre³ Initiative, preventing adverse pregnancy outcomes and prematurity
- Vanderbilt University's Center for Child Health Policy

Editorial Activities – Journal Reviewer:

JAMA Network Open [Statistical Reviewer], Annals of Internal Medicine, NEJM, Value in Health, Health Services Research, Health Affairs, Women's Health Issues, Journal of Patient-Reported Outcomes, Health and Quality of Life Outcomes, MDM Policy and Practice, WHO Bulletin, BMJ Open

TEACHING EXPERIENCE

Vanderbilt University

2019-Present Instructor, Decision Analysis in Medicine and Public Health
 2022 Co-Instructor, Health Economics Modeling Workshop, In partnership with Vital Strategies, and the CDC Foundation; approximately 30 participants from 15 countries
 2019 Guest lecturer, Public Health Practice: Systems Thinking

Boston University

2017 Guest lecturer, Introduction to Cost-Effectiveness Analysis
 2014-2016 Lecturer/Teaching Assistant, Comparative Health Systems and Policy in Industrialized and BRIC Countries
 2015 Teaching Assistant, Health Care Delivery Systems: Issues and Innovations
 2015 Lecturer, Leadership and Management in Public Health
 2013 Teaching Assistant, American Government for Public Health Students

RESEARCH SUPERVISION

2022 Ahra Kim, PhD student, thesis advisor, Vanderbilt University School of Medicine.
 2022 Kun-Woo Kim, PhD student, thesis advisor, Vanderbilt University School of Medicine.
 2020 Anna Wisotzkey, MPH student, thesis advisor, Vanderbilt University School of Medicine; Project: Obstetric provider perspectives on opioid prescribing after childbirth.
 2019 Ben Osher, medical student, research immersion project, Vanderbilt University School of Medicine; Project: Cost-effectiveness of Abdominal Aortic Aneurysm Screening.
 2019 Tamee Livermont, MPH student, thesis advisor, Vanderbilt University School of Medicine; Project: Assessment of postpartum contraceptive use in the 2016-2017 CDC PRAMS data.
 2019 Sadie Sommer, MPH student, thesis advisor, Vanderbilt University School of Medicine; Project: Maternal Mortality Committee Reports: A comparative review.
 2018 Caitlin Clifford, PGY3, OBGYN Resident, Tufts Medical Center; Project: Cost-effectiveness analysis on aneuploidy screening among pregnant Hispanic women in the United States.
 2018 Mathias Schreiner, Master's 4+1 student, Vanderbilt University; practicum experience on health policy work related to cost-effectiveness analysis and pregnancy.
 2018 Nicole Quinones, MPH student, thesis committee, Vanderbilt University School of Medicine; Project: Postpartum contraceptive use in the 2011-2015 NSFG.