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Department of Maternal and Child Health
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EDUCATION

- 2014 **PhD, Epidemiology**
University of North Carolina at Chapel Hill
- 2007 **MA, International Development**
Brandeis University
- 1997 **BA, Economics**
Concentration in Women's Studies
Furman University

PROFESSIONAL EXPERIENCE

- 8/1/2023 – present Associate Professor (tenured), Department of Health Policy and Management,
University of North Carolina at Chapel Hill
- 9/1/2017 – present Faculty Fellow, Carolina Population Center
- 2017 – 2023 Assistant Professor, Department of Maternal and Child Health
University of North Carolina at Chapel Hill
- 2016 – 2017 Postdoctoral Scholar, Carolina Population Center
- 2014 – 2016 Postdoctoral Research Fellow, Princeton University
- 2009 – 2014 Pre-doctoral Trainee, Carolina Population Center
- 2009 – 2010 Research Associate, Behavioral and Biomedical Research Department
2007 – 2009 Technical Officer, Applied Research Department
Family Health International
- 2006 – 2007 Graduate Research Assistant, Peru Office, Pathfinder International
- 1998 – 2002 Teen Clinic Coordinator, Planned Parenthood of North Central Florida
- 1997 – 1998 Program Assistant, The Women's Research and Education Institute

HONORS AND AWARDS

2021	IPUMS Global Health Research Award Winner
2018	David and Lucile Packard Online Quality Innovation Challenge Winner
2015	Berton H. Kaplan Award for best student publication, UNC Epidemiology Department
2013	Student Travel Award, UNC Department of Epidemiology
2013	Student Transportation Award, UNC Graduate School
2010	Harry A. Guess Scholarship, UNC Gillings School of Global Public
2008	New Investigators in Global Health, Global Health Council
2005	Michael and Linda Frieze Fellowship, Brandeis University
2002	PACEsetters Award for improving the lives of girls, PACE Center for Girls, Gainesville, FL

MEMBERSHIPS

2013-present	Junior Fellow, Society of Family Planning
2011-present	Population Association of America
2008-present	Triangle Area Population Society (TAPS)

BIBLIOGRAPHY

* *Mentored student paper/Senior author*

Peer-Reviewed Journals Articles

Submitted/Under review

1. Senderowicz L, Bullington BW, Sawadogo N, **Tumlinson K**. Reasons for contraceptive non-use at two sites in Burkina Faso. Submitted Mar 01, 2024, at *Contraception*.
2. Rothschild CW, Bulama A, Odeh R, Chika-Igbokwe S, Njogu J, **Tumlinson K**, Musau A. Preference-aligned fertility management: Assessing the feasibility of a new measure of contraceptive autonomy. Submitted Sep 7, and revised and resubmitted on Jan 12, 2024, to *BMJ Global Health*.
3. Senderowicz L, Bullington BW, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A. Asymmetry of information in contraceptive counseling at two sites in Burkina Faso. Submitted Jan 30, 2024, at *American Journal of Obstetrics and Gynecology*.
4. *Busse C, Stuebe A, **Tumlinson K**, Tucker C, Pence B, Vladutiu C, Tully K. Birthing parent perspectives on postpartum acute care: lessons learned for perinatal health systems. Submitted Aug 28, and revised and resubmitted on Nov 27, 2023, to *Birth: Issues in Perinatal Care*.

5. *Bullington BW, **Tumlinson K** Sawadogo N, Rothschild CW, Langer A, Soura A, Zabre P, Sie A, Senderowicz L. Measuring Informed Choice for Family Planning: Comparing self-rated and researcher-ascribed measures. Submitted Nov 14, 2023, to *Population Development Review*.
6. *Bullington BW, Chung S, Onyango DO, Senderowicz L, Goland E, Rothschild CW, Mwanyiro A, Wekesa B, Frizzelle B, Golub G, **Tumlinson K**. Measuring provider-imposed contraceptive coercion among reproductive-aged contraceptive users in Kisumu, Kenya. Submitted Nov 1, 2023, to *Demography*.
7. *Chung S, Senderowicz L, **Tumlinson K**, Palmquist A. I was told it was the pill that suits me:" A Mixed-Methods Study of Using Non-Preferred Contraceptive Methods for Medical Reasons. Submitted Oct 19, 2023, to *Social Science and Medicine – Health Systems*.

Accepted

1. *Busse C, **Tumlinson K**, Senderowicz L. Contraceptive use and discontinuation among adolescent women in 55 low- and middle-income countries. Submitted Mar 27, 2023, revised and resubmitted on Feb 9 and accepted Mar 28, 2024 to *Demography*.

Published

1. Sokol NA, Sawadogo N, Bullington BW, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A, Johnson JA, Senderowicz L. Perceptions of access to LARC removal among women in Burkina Faso. *Contraception*. 2024 Jan;129:110302. doi: 10.1016/j.contraception.2023.110302. Epub 2023 Oct 5. PMID: 37802461.
2. *Britton L, **Tumlinson K**, Williams C, Wambua D, Onyango D, Mantell E, George M. Findings from a mixed-methods journey map study of barriers to family planning in western Kenya. *Health Care for Women International*. 2024. May 2024;45(1):144-160. doi: 10.1080/07399332.2022.2135097. Epub 2022 Nov 17. PMID: 36394947; PMCID: PMC10188649.
3. *Bullington B, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A, Senderowicz L. Prevalence of non-preferred family planning methods among reproductive-aged women in Burkina Faso: results from a cross-sectional, population-based study. *Sexual and Reproductive Health Matters*. 2023 Dec;31(1):2174244. doi: 10.1080/26410397.2023.2174244. PMID: 37195714; PMCID: PMC10193871.
4. *Swiatlo A, Curtis SL, Gottfredson N, Halpern C, **Tumlinson K**, Hassmiller Lich K. Contraceptive behavior dynamics and unintended pregnancy: A latent transition analysis. *Demography*. 2023; 10877862. doi: <https://doi.org/10.1215/00703370-10877862>.

5. **Tumlinson K**, Senderowicz L, Bullington B, Chung S, Goland E, Zimmerman L, Gichangi P, Thiongo M, Guiella G, PMA Principal Investigators Group, Karp C. Assessing trends and reasons for unsuccessful implant discontinuation in Burkina Faso and Kenya between 2016 and 2020: a cross-sectional study. *BMJ Open*. 2023 Jul 18;13(7):e071775. doi: 10.1136/bmjopen-2023-071775. PMID: 37463804; PMCID: PMC10357675.
6. *Bullington B, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A, Senderowicz L. Exploring upward and downward provider bias in family planning: The case of parity. *Global Health: Science and Practice*. 2023 Jun 21;11(3):e2200470. doi: 10.9745/GHSP-D-22-00470. PMID: 37348946; PMCID: PMC10285731.
7. Senderowicz L, Bullington BW, **Tumlinson K**, Langer A, Soura A, Sawadogo N, Zabre P, Sie A. Assessing the suitability of unmet need as a proxy for access to contraception and desire to use it. *Studies in Family Planning*. 2023 Feb 26. doi: 10.1111/sifp.12233. Epub ahead of print. PMID: 36841972. PMCID: Not Yet Available. Pages 1-20.
8. Senderowicz L, Bullington BW, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A. Measuring contraceptive autonomy at two sites in Burkina Faso: A first attempt to measure a novel family planning indicator. *Studies in Family Planning*. 2023 Feb 2. doi: 10.1111/sifp.12224. Epub ahead of print. PMID: 36729070. PMCID: Not Yet Available. Pages 1-30.
9. **Tumlinson K**, Britton L, Goland E, Chung S, Bullington B, Williams C, Wambua D, Onyango D, Senderowicz L. Contraceptive stockouts in Western Kenya: A mixed-methods mystery client study. *BMC Health Services Research*. 2023 Jan 24;23(1):74. doi: 10.1186/s12913-023-09047-w. PMID: 36694177. PMCID: PMC9872072. Pages 1-8.
10. *Williams C, Britton L, Bullington B, Wambua D, Onyango D, **Tumlinson K**. Frequency and impact of long wait times for family planning in public-sector Western Kenyan facilities. *Global Health Action*. 2022 Dec 31;15(1):2128305. doi: 10.1080/16549716.2022.2128305. PMID: 36190697. PMCID: PMC9543147. Pages 1-8.
11. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D, Senderowicz L. Provider disrespect towards family planning clients: prevalence and perspectives of family planning mystery clients in western Kenya. *Social Science and Medicine – Qualitative Research in Health*. 2022 Dec;2:100178. doi.org/10.1016/j.ssmqr.2022.100178. PMID: 36561124; PMCID: PMC9770586. Pages 1-9.
12. *Bullington B, **Tumlinson K**, Karp C, Senderowicz L, Zimmerman L, Akilimali PZ, Zakirai MS, OlaOlorun FM, Kibira SPS, Makumbi FE, Shiferaw S; PMA Principal Investigators Group. Do users of long-acting reversible contraceptives receive the same counseling content as other modern method users? A cross-sectional, multi-country analysis of women's experiences with the Method Information Index in six sub-Saharan African countries. *Contraception X*. 2022 Nov 11;4:100088. doi: 10.1016/j.conx.2022.100088. PMID: 36419776; PMCID: PMC9676194. Pages 1-7.

13. Senderowicz L, Karp C, Bullington B, **Tumlinson K**, Zimmerman L, OlaOlorun FM, Zakirai MS, Performance Monitoring for Action Principal Investigators Group. Facility readiness to remove subdermal contraceptive implants in six sub-Saharan African countries. *AJOG Global Reports*. 2022 Nov 5;2(4):100132. doi: 10.1016/j.xagr.2022.100132. PMID: 36444203; PMCID: PMC9700317. Pages 1-8.
14. Palmquist AEL, Tomori C, **Tumlinson K**, Fox C, Chung S, and Quinn E.A. Pandemic policies and breastfeeding: A cross-sectional study during the onset of COVID-19 in the U.S. *Frontiers in Sociology*. 2022 Nov 3;7:958108. doi: 10.3389/fsoc.2022.958108. PMID: 36405376; PMCID: PMC9669788. Pages 1-16.
15. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D, Leigh Senderowicz. Contraceptive method denial as contraceptive coercion: a mixed-methods mystery client study in Western Kenya. *Contraception*. 2022 Nov;115:53-58. doi: 10.1016/j.contraception.2022.06.014. PMID: 35779578. PMCID: PMC9672661.
16. *Onyango D, **Tumlinson K**, Bullington B, Chung S, Gakii C, Senderowicz L. Piloting a Youth-led Community Score Card in Kisumu, Kenya: A feasibility and effectiveness pilot study. *BMC Public Health*. 2022 Oct 24;22(1):1960. doi: 10.1186/s12889-022-14388-y. PMID: 36280808. PMCID: PMC9592126. Pages 1-18.
17. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. Absenteeism of family planning providers: prevalence and perspectives of women and health sector key informants in western Kenya. *Health Policy and Planning*. 2022 May 12;37(5):575-586. doi: 10.1093/heapol/czac022. PMID: 35289360. PMCID: PMC9113099.
18. *Busse C, Onyango D, and **Tumlinson K**. Informal payments for modern contraceptive methods at public facilities in Tanzania: room for improvement. *BMC Human Resources for Health*. 2022 Jan 29;20(1):1-9. doi: 10.1186/s12960-022-00712-5. PMID: 35093091; PMCID: PMC8800329.
19. *Ijdi R, **Tumlinson K**, Curtis SL. Exploring the association between place of delivery and newborn care with early neonatal mortality in Bangladesh. *PLOS One*. 2022 Jan 27;17(1):e0262408. doi: 10.1371/journal.pone.0262408. PMID: 35085299; PMCID: PMC8794140. Pages 1-16.
20. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. Informal payments for family planning: prevalence and perspectives of women and health sector key informants in western Kenya. *Sexual and Reproductive Health Matters*. 2021 Dec;29(1):336-352. doi: 10.1080/26410397.2021.1970958. PMID: 34590988; PMCID: PMC8494287.
21. **Tumlinson K** & Curtis SL. Assessing the reliability of the retrospective reproductive calendar: evidence from urban Kenya. *Studies in Family Planning*. 2021 Dec;52(4):467-486. doi: 10.1111/sifp.12173. PMID: 34390002. PMCID: PMC8792829.

22. *Britton L, **Tumlinson K**, Caitlin Williams, Phillip Gorrindo, Dickens Onyango, Debborah Wambua. How Women and Providers Perceive Male Partner Resistance to Contraceptives in Western Kenya. *Sexual & Reproductive Healthcare*. 2021 Sept;29: 100650. doi.org/10.1016/j.srhc.2021.100650. PMID: 34364197. PMCID: PMC8485932. 15 pages.
23. *Cartwright A, **Tumlinson K**, Upadhyay U. Pregnancy Outcomes After Exposure to Crisis Pregnancy Centers among a Pregnant Population Recruited Online. *PLOS One*. Jul 2021; 16(7):e0255152. doi: 10.1371/journal.pone.0255152. PMID: 34320026. PMCID: PMC8318304. Pages 1-14.
24. *Britton L, Caitlin Williams, Dickens Onyango, Debborah Wambua **Tumlinson K**. “When it comes to time of removal, nothing is straightforward”: A qualitative study of experiences with barriers to removal of long-acting reversible contraception in Western Kenya. *Contraception X*. Mar 2021; 22(3):100063. doi: 10.1016/j.conx.2021.100063. PMCID: PMC8063731. Pages 1-5.
25. *Chang W & **Tumlinson K**. Free access to a broad contraceptive method mix and women’s contraceptive choice: Evidence from sub-Saharan Africa. *Studies in Family Planning*. Mar 2021; 52(1): 3-22. doi: 10.1111/sifp.12144. PMCID: PMC7990714.
26. **Tumlinson K**, Gichane M, Curtis S. If the big fish are doing it then why not me down here?: A qualitative assessment of informal fee payments and healthcare provider motivation in Kenya. *Studies in Family Planning*. Mar 2020; 51(1): 33-50. doi:10.1111/sifp.12107. PMCID: PMC7124971.
27. **Tumlinson K**, Jaff D, Stilwell B, Onyango D, Leonard K. Reforming Medical Education Admission in Low-Income Countries: Who Gets Admitted and Why it Matters. *BMC Human Resources for Health*. Dec 2019; 17(1): 1-6. <https://doi.org/10.1186/s12960-019-0426-9>. PMCID: PMC6889551.
28. **Tumlinson K**, Gichane M, Curtis S, LeMasters K. Understanding absenteeism among health care providers in urban Kenya: A qualitative analysis. *BMC Health Services Research*. Sept 2019; 19(1): 1-8. <https://doi.org/10.1186/s12913-019-4435-0>. PMCID: PMC6740012.
29. *LeMasters K, Wallis AB, Chereches R, Gichanec M, Tehei C, Varga A, **Tumlinson K**. Pregnancy Experiences of Women in Rural Romania: Understanding Ethnic and Socioeconomic Disparities. *Culture, Health and Sexuality*. Mar 2019; 21(3):249-262. doi: 0.1080/13691058.2018.1464208. PMCID: PMC6237651.
30. *Tessema GA, Mekonnen TT, Mengesha ZB, **Tumlinson K**. Skilled Maternal Care and Postpartum Contraceptive Use in Ethiopia. *BMC Pregnancy and Childbirth*. May 2018; 18(1):1-13. doi: 10.1186/s12884-018-1790-5. PMCID: PMC5956619.

31. Fitzpatrick A, **Tumlinson K**. Strategies for Optimal Implementation of Simulated Clients for Measuring Quality of Care in Low- and Middle-Income Countries. *Global Health: Science and Practice*. Mar 2017; 5(1): 108–114. PMID: PMC5493448.
32. **Tumlinson K**, Okigbo C, Speizer I. Provider barriers to family planning access in urban Kenya. *Contraception*. 2015; 92(2): 143-151. PMID: PMC4506861.
33. **Tumlinson K**, Pence B, Curtis S, Marshall S, Speizer I. Quality of care and contraceptive use in urban Kenya. *International Perspectives in Sexual and Reproductive Health*. 2015; 41(2): 69-79. PMID: PMC4548971.
34. **Tumlinson K**, Thomas J, Reynolds H. The effect of women’s property rights on HIV: A search for quantitative evidence. *AIDS Care*. 2015; 27(1): 112-122. PMID: PMC4221482.
35. **Tumlinson K**, Speizer I, Curtis S, Pence B. Accuracy of standard measures of family planning service quality; findings from the simulated client method. *Studies in Family Planning*. 2014; 45(4): 443-470. PMID: PMC4258897. *****Berton H. Kaplan Award for best student publication*****
36. **Tumlinson K**, Speizer I, Archer L, Behets F. Simulated clients reveal programmatic factors that may influence contraceptive use in Kisumu, Kenya. *Global Health: Science and Practice*. 2013; 1(3): 407-416. PMID: PMC3966625.
37. **Tumlinson K**, Speizer I, Davis J, Fotso J, Archer L, Kuria P. Partner communication, discordant fertility goals, and contraceptive use in urban Kenya. *African Journal of Reproductive Health*. 2013; 17(3): 79-90. PMID: PMC3786372.
38. **Tumlinson K**, Steiner M, Rademacher K, Olawo A, Solomon M, & Bratt J. The promise of affordable implants: is cost recovery possible in Kenya? *Contraception*. 2011; 83(1): 88-93. PMID: Not available. PMID: 21134509. DOI: 10.1016/j.contraception.2010.06.016.
39. **Tumlinson K**, Hubacher D, Wesson J, & Lasway C. Measuring the usefulness of family planning job aids following distribution at training workshops. *Journal of Biosocial Science*. 2010; 42:695-98. PMID: Not available. PMID: 2069503.

Reports and training materials

1. **Tumlinson K**. “Measuring quality of care: A review of previously used methodologies and indicators.” Working paper two of the Measuring and Monitoring Quality of Services and Quality of Care Project. 2016. New York: Population Council.
https://www.popcouncil.org/uploads/pdfs/2016RH_MeasuringQOC_wp2.pdf
2. **Tumlinson K**. “Fact sheet—Measuring quality of care: A review of methodologies and indicators.” Washington, DC: Population Council, 2016.

https://knowledgecommons.popcouncil.org/cgi/viewcontent.cgi?article=1679&context=departments_sbsr-rh

3. Mueller M, Lasway C, Yacobson I, & **Tumlinson K**. Training and reference guide for a screening checklist to initiate use of COCs. Family Health International. 2009. Research Triangle Park, NC.
4. Mueller M, Lasway C, Yacobson I, & **Tumlinson K**. Training and reference guide for a screening checklist to initiate use of DMPA (or NET-EN). Family Health International. 2009. Research Triangle Park, NC.
5. Mueller M, Lasway C, Yacobson I, & **Tumlinson K**. Training and reference guide for a screening checklist to initiate use of the copper IUD. Family Health International. 2009. Research Triangle Park, NC.
6. Mueller M, Lasway C, Yacobson I, & **Tumlinson K**. Training and reference guide for a screening checklist to initiate use of contraceptive implants. Family Health International. 2009. Research Triangle Park, NC.
7. Mueller M, Lasway C, Yacobson I, & **Tumlinson K**. Training and reference guide for a screening checklist to identify women who are not pregnant. Family Health International. 2009. Research Triangle Park, NC.

Peer Reviewed Presentations at Conferences

Oral presentations

1. **Tumlinson K**, Chung S, Bullington BW, Onyango DO, Senderowicz L, Mwanyiro A, Wekesa B, Frizzelle B, Golub G, Rothschild CW, Goland E. *Provider confidence & willingness to insert & remove LARC methods in Kenyan public facilities*. Population Association of America Annual Meeting, 2024. Columbus, OH.
2. Chung S, Bullington BW, Goland E, Rothschild CW, Senderowicz L, Mwanyiro A, Wekesa B, Onyango DO, **Tumlinson K**. *Provider-imposed restrictions on family planning use in Western Kenya*. Population Association of America Annual Meeting, 2024. Columbus, OH.
3. Bullington BW, Chung S, Onyango DO, Senderowicz L, Goland E, Rothschild CW, Mwanyiro A, Wekesa B, Frizzelle B, Golub G, **Tumlinson K**. *Measuring provider-imposed contraceptive coercion among reproductive-aged contraceptive users in Kisumu, Kenya*. Population Association of America Annual Meeting, 2024. Columbus, OH.
4. **Tumlinson K**, Senderowicz L, Bullington B, Chung S, Goland E, Zimmerman L, Gichangi P, Thiongo M, Guiella G, Karp C. *Barriers to successful implant removal in Burkina Faso and Kenya: Understanding trends and reasons for unsuccessful removal between 2016 and 2020*. Population Association of America Annual Meeting, 2023. New Orleans, LA.

5. *Chung S, Senderowicz L, **Tumlinson K**, Palmquist A. *"I was told it was the pill that suits me:" A Mixed-Methods Study of Using Non-Preferred Contraceptive Methods for Medical Reasons*. Population Association of America Annual Meeting, 2023. New Orleans, LA.
6. *Bullington B, Senderowicz L, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A. *Measuring informed choice: comparing self-perceived and researcher-ascribed measures*. Population Association of America Annual Meeting, 2023. New Orleans, LA.
7. Senderowicz L, Karp C, Bullington B, **Tumlinson K**, Zimmerman L, OlaOlorun FM, Zakirai MS, PMA Principal Investigators Group. *Facility readiness to remove subdermal contraceptive implants in six sub-Saharan African countries*. Population Association of America Annual Meeting, 2023. New Orleans, LA.
8. Busse C, **Tumlinson K**. *Adolescent Adoption and Continuation of Contraception and Reasons for Discontinuation: A multi-country analysis*. Population Association of America Annual Meeting, 2022. Atlanta, GA.
9. Bullington B, Senderowicz L, **Tumlinson K**, Sawadogo N, Langer A, Soura A, Zabre P, Sie A. *Prevalence of non-preferred family planning methods among reproductive-aged women in Burkina Faso*. Population Association of America Annual Meeting, 2022. Atlanta, GA.
10. Senderowicz L, Bullington BW, **Tumlinson K**, Langer A, Soura A, Sawadogo N, Zabre P, Sie A. *Assessing the suitability of unmet need as a proxy for access to contraception and desire to use it*. Population Association of America Annual Meeting, 2022. Atlanta, GA.
11. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. *Informal payments for family planning: prevalence and perspectives of women and health sector key informants in western Kenya*. Population Association of America Annual Meeting, 2021, online.
12. Swiatlo A, Curtis S, Halpern C, **Tumlinson K**, et al. *Contraceptive behavior dynamics and pregnancy experiences in the United States: A latent transition analysis*. Population Association of America Annual Meeting, 2021, online.
13. **Tumlinson K**, Curtis S. *Assessing the reliability of the retrospective reproductive calendar: evidence from urban Kenya*. Population Association of America Annual Meeting, 2019. Austin, TX.
14. **Tumlinson K**, Curtis S. *Reliability of calendar data for measuring contraceptive behavior*. International Conference on Family Planning, 2018. Kigali, Rwanda.
15. *Gichane M, LeMasters K, **Tumlinson K**. *Provider Perspectives on Facility-Level Barriers to Contraceptive Access in Kenya*. Kenyan Studies and Scholars Association (KESSA) Annual Conference, 2017. Atlanta, GA. ***** Student Presenter Award Winner *****

16. **Tumlinson K**, Curtis S. *Validity of the Retrospective Reproductive Calendar Instrument: Findings from a Prospective Study*. Population Association of America Annual Meeting, 2017. Chicago, IL.
17. **Tumlinson K**, Speizer I, Curtis S, Pence B. *Validity of standard measures of family planning service quality*. Population Association of America Annual Meeting, 2014. Boston, MA.
18. **Tumlinson K**, Speizer I. *Quality of care and contraceptive use in Urban Kenya*. International Conference on Family Planning, 2013. Addis Ababa, Ethiopia.
19. **Tumlinson K**, Speizer I, Lance P. *Adolescent Adoption and Continuation of Contraception and Reasons for Discontinuation in the Developing Country Setting*. Population Association of America Annual Meeting, 2012. San Francisco, CA.
20. **Tumlinson K**, Speizer I, Davis J, Fotso J, Kuria P, Archer L. *He said, she said: partner communication and contraceptive use in urban Kenya*. Union for African Population Studies Conference, 2011. Ouagadougou, Burkina Faso.
21. Akiode A, Morgan G, Fotso JC, **Tumlinson K**, Kusemiju B. *Quality and Access to Family Planning Services in Six Urban Cities in Nigeria*. International Conference on Family Planning: Research and Best Practices, 2011. Dakar, Senegal.
22. **Tumlinson K**, Thomas J. *A Home of One's Own: Women's Property Rights and HIV/AIDS*. USAID's Global Health Mini-University, 2010. Washington, DC.
23. **Tumlinson K**, Olawo A, Solomon M, Shattuck D, Steiner M. *Building a balanced method mix: The role of low cost implants in addressing contraceptive stock-out*. International Conference on Family Planning, 2009. Kampala, Uganda.
24. Mackenzie C & **Tumlinson K**, et al. *Offering Socially and Culturally Acceptable FP Methods: Who Accepts and What Were They Doing Before?* International Conference on Family Planning, 2009. Kampala, Uganda.
25. **Tumlinson K**, Guevara E. *Barriers to Postpartum and Post-abortion Family Planning in Peru*. International Conference on Population and Development, 2009. Paris, France.
26. **Tumlinson K**. *Hidden barriers to FP integration in the postpartum and post-abortion setting: A case study from Peru*. American Public Health Association Annual Meeting and Exposition, 2008. San Diego, CA.
27. **Tumlinson K**. *What women want: Integrating high-quality family planning services into postpartum and post-abortion care*. International Conference on Reproductive Health Management, 2008. Bali, Indonesia (presented by Dr. Atiek Anartati, Chief of FHI/Indonesia's Clinical Services Unit).

Posters

1. Senderowicz L, Bullington BW, Sawadogo N, **Tumlinson K**, Langer A, Soura A, Zabre P, Sie A. Measuring contraceptive autonomy at two sites in Burkina Faso. International Conference on Family Planning, 2022, Pattaya City, Thailand.
2. **Tumlinson K**, Britton L, Williams C, Goland E, Wambua D, Onyango D, Leigh Senderowicz. Provider disrespect towards family planning clients: prevalence and perspectives of family planning mystery clients in western Kenya. Population Association of America Annual Meeting, 2022. Atlanta, GA.
3. **Tumlinson K**, Britton L, Williams C, Goland E, Wambua D, Onyango D. Absenteeism of family planning providers: prevalence and perspectives of women and health sector key informants in western Kenya. Population Association of America Annual Meeting, 2022. Atlanta, GA.
4. Bullington B, Chung S, **Tumlinson K**, Onyango D, Gakii C, Senderowicz L. Piloting a Youth-led Community Score Card in Kisumu, Kenya: A feasibility and effectiveness pilot study. Population Association of America Annual Meeting, 2022. Atlanta, GA.
5. Busse C and **Tumlinson K**. *Investigating Out-of-pocket Payments for Modern Contraception in Tanzania Using a Nationally Representative Sample of Family Planning Users*. Population Association of America Annual Meeting, 2021, online.
6. Britton L, **Tumlinson K**, Caitlin Williams, Phillip Gorrindo, Dickens Onyango, Debborah Wambua. *“How Women and Providers Respond to Real and Anticipated Male Partner Resistance to Contraceptives in Western Kenya.”* Accepted to Academy Health Annual Research Meeting, 2020. Boston, MA. ***Conference cancelled due to COVID 19***
7. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. *“Informal payments for family planning: prevalence and perspectives of women and health sector key informants in western Kenya.”* Accepted to Population Association of America Conference, 2020. Washington, DC. ***Conference cancelled due to COVID 19***
8. **Tumlinson K**, Gichane M, Curtis S. *“If the Big Fish are Doing it Then Why Not Me Down Here?”: A Qualitative Assessment of Informal Fee Payments and Healthcare Provider Motivation in Kenya*. Population Association of America Conference, 2019. Austin, TX.
9. **Tumlinson K**, Gichane M, Curtis S, LeMasters K. *Understanding absenteeism among health care providers in urban Kenya: A qualitative analysis*. International Conference on Family Planning, 2018. Kigali, Rwanda.

10. *LeMasters K, Wallis AB, Chereches R, Gichane M, Tehei C, Varga A, **Tumlinson K**. *The Pregnancy Experiences of Women in Rural Communities in Romania: Understanding Ethnic and Social Disparities*. Measurement Matters: Better Data for Better Decisions; Annual conference of the Association for Public Policy Analysis and Management, 2017. Chicago, IL.
11. **Tumlinson K**, LeMasters K, Curtis S. *Hiding in the Blind Spot: In-Depth Provider Perspectives on Facility-Level Barriers to Contraceptive Access*. Population Association of America Conference, 2017. Chicago, IL.
12. **Tumlinson K**, Okigbo C, Speizer, I. *Provider barriers to family planning access in urban Kenya*. North American Forum on Family Planning, 2014. Miami, FL.
13. **Tumlinson K**, Speizer I, Nanda P, Calhoun L, Guilkey D. *Association between Facility-Level Quality of Family Planning Services and Contraceptive Behavior in Urban Uttar Pradesh, India*. American Public Health Association Annual Meeting, 2011. Washington, DC.
14. **Tumlinson K**, Rademacher K, Steiner M, Olawo A, Solomon M, & Bratt J. *The promise of affordable contraceptive implants: Evidence from Kenya*. Population Association of America Conference, 2011. Washington, DC.
15. **Tumlinson K**. *Barriers to Postpartum Family Planning in Peru: A Case Study*. Global Health Conference, 2008. Washington, DC.

Invited presentations

1. **Tumlinson K**. “Contraceptive Dynamics and Family Planning Service Quality in Low-Income Countries.” 2021 Duke Sexual and Reproductive Health Research Symposium, Durham, NC, March 2021.
2. **Tumlinson K**. “The Retrospective Reproductive Calendar: A Closer Look at Reliability.” 8th Annual Demography Daze Interdisciplinary Workshop, Carolina Population Center, Chapel Hill NC, May 2019
3. **Tumlinson K**. “Using Mystery Clients and Other Deceptive Research Methods to Investigate the Quality of Family Planning Service Delivery.” FHI360 Brown Bag Seminar Series, Durham, NC. August 2018.
4. **Tumlinson K**. “Contraceptive Discontinuation in Urban Kenya: Findings from a Longitudinal Study.” The Carolina Population Center Interdisciplinary Research Seminar, University of North Carolina at Chapel Hill, NC. March, 2017.
5. **Tumlinson K**. “A Global View on Family Planning.” Invited Guest Speaker at the Maya Angelou International Women’s Health Summit in Winston-Salem, NC. March 3, 2017.

6. **Tumlinson K.** “More Than a Snapshot: Measuring Contraceptive Behavior over Time.” The Guttmacher Institute Brown Bag Seminar Series, New York, NY. December, 2016.
7. **Tumlinson K.** “Capturing and Modifying Provider Practice in Kenya.” Busara Center for Behavioral Economics, Nairobi, Kenya. May 2016.
8. **Tumlinson K.** “Data Collection in Developing Countries.” Princeton University Sociology Department Professional Development Series, Princeton, NJ. April 2016.
9. **Tumlinson K.** “Publishing in Peer-Reviewed Journals.” Princeton University Sociology Department Professional Development Series, Princeton, NJ. December 2014.
10. **Tumlinson K.** “Presenting your Work.” Princeton University Sociology Department Professional Development Series, Princeton, NJ. October 2014.
11. **Tumlinson K.** “Quality of Care and Contraceptive Use in Urban Kenya.” The Carolina Population Center Interdisciplinary Research Seminar, University of North Carolina at Chapel Hill, NC. November, 2013.

TEACHING ACTIVITIES

Courses

- | | |
|------------------|--|
| Spring 2020-2023 | <p>Co-Faculty Instructor with Siân Curtis
 MHCH 716: International Family Planning and Reproductive Health
 3 credits, elective</p> <ul style="list-style-type: none"> • 7 students Spring 2020 • 9 students Spring 2021 • 11 students Spring 2022 • 19 students Spring 2023 |
| Fall 2020-2022 | <p>Faculty Instructor
 MHCH 859: Theoretical Perspectives in Maternal and Child Health (Proposal development)
 3 credits, required for PhD program</p> <ul style="list-style-type: none"> • 7 students Fall 2020 • 4 students Fall 2021 • 8 students Fall 2022 |

Guest lectures

- University of North Carolina
- EPID 851 (2018-2022)
 - MBA 899 (2021-2022)

- MHCH 801 (2017)
- IDST 190 (2013)

Princeton

- Soc 585 (2015)

ADVISING

Doctoral Dissertation Committee Chair

1. Fatima Mamman-Daura; In-progress
2. Stephanie Chung; In-progress
3. Emilia Goland; In-progress

Doctoral Dissertation Committee Member

1. Clara Busse, Maternal and Child Health; In-progress
2. Brooke Bullington, Epidemiology; In-progress
3. Tara Casebolt, Maternal and Child Health; Graduated 2021
4. Alison Swiatlo, Maternal and Child Health; Graduated 2020
5. Wei Chang, Health Policy and Management; Graduated 2020

Doctoral Curriculum Committee Member (*Unique to MCH Department*)

1. Rashida Ijdi, 2022-2024
2. Alinda Young, 2021-2023
3. Elikem Togo, 2021-2023
4. Marissa Velarde, 2019-2021
5. Tara Casebolt, 2018-2020
6. Alice Cartwright, 2018-2020

Master's Paper Reader

1. Clara Hare-Grogg (First), MPH; Graduated 2023
2. Stephanie Chung (First), MSPH; Graduated 2022
3. Jade Hollars (First), MPH; Graduated 2022
4. Chimwemwe Kumwenda (First), MPH; Graduated 2021
5. Rashida Ijdi (First), MPH; Graduated 2020
6. Dzidzai Muyengwa (First), MPH; Graduated 2019
7. Marie-Ange Giuraud (First), MPH; Graduated 2019
8. Fanny Njie (Second), MPH; Graduated 2019
9. Susanna Khachatryan (First), MPH/MSW; Graduated 2018

Undergraduate

1. Ciarra Dortche, East Carolina University, Graduate mentor, Carolina Population Center undergraduate internship program, Graduated 2014

Academic Advisor

- PhD: Clara Busse, Emilia Goland, Stephanie Chung

- DrPH: Fatima Mamman-Daura
- MCH MPH/MSPH: Zoe Henderson, Clara Hare-Grogg, Stephanie Chung, Jade Hollars, Chimwemwe Kumwenda, Rashida Ijdi, Dzidzai Muyengwa, Marie-Ange Giuraud, Susanna Khachaturyan
- Global Health MPH: Caroline Hoch, Madeleine Metz, Sydney McIntire, Holt Evans
- CPC Faculty Preceptor: Tara Casebolt, Alice Cartwright, Clara Busse, Brooke Bullington
- Doctoral Research Internship Supervisor: Caitlin Williams, Tara Casebolt, Alice Cartwright, Emilia Goland, Stephanie Chung

Other Mentoring Activities

- Faculty Mentor, UNC Epidemiology Department NIH T32: Training Program in Reproductive, Perinatal and Pediatric Epidemiology (2022-)
- Panelist, NIH K Grant Panel for CPC postdoctoral trainees and junior faculty (2023)
- ENVR 698 Faculty Capstone Grader (2021-2023)
- Faculty Evaluator for the SPHG 722 Program Pitch (2021-2023)
- Member, Postdoctoral mentoring committee for Crystal Hayes, PhD, 2021-2023
- Independent Study (PhD student: Katherine LeMasters) in qualitative methods for research on sexual and reproductive health (2017)
- Member, Panel on preparing T32 global cardio-metabolic disease trainees for conducting summer research internships abroad (2017)
- Panelist, NIH K99/R00 Information Session, UNC Office of Postdoctoral Affairs (2017)

CONTRACTS AND GRANTS

Current Research Support

5/18/2021-4/30/2026 1R01HD101453
 NICHD
 Role: Principal Investigator
 8-9 calendar months (65-75% each year)
 Amount: \$3,299,222 (total)

Randomized Controlled Trial to Address Unintended Pregnancy Rates in Low Resource Settings

10/1/2022-9/30/2024 FID 655
 Fund for Innovation in Development (FID)
 Role: Principal Investigator (Subagreement with Population Services International, PSI)
 2.4 calendar months (20% each year)
 Amount: \$131,329 (total)

Delivering on Universal Health Coverage promises in Madagascar via Drone Delivery

Completed Research Support

9/1/2017-8/31/2021 R00HD086270
 NICHD

Role: Principal Investigator
 29.4 calendar months (75-85%)
 Amount: \$746,880 (total)

Service delivery factors influencing contraceptive dynamics in developing countries: a mixed-methods and cross-disciplinary approach

1/1/2020-09/30/2021 Junior Faculty Development Award
 UNC Committee on Faculty Research and Scholarly Leaves
 Role Principal Investigator
 Amount: \$10,000 (total)

Advancing Maternal and Child Health in Low-Income Settings

7/1/2017-6/30/2021 NIH LRP-CR
 NICHD
 Role: Principal Investigator
 Amount: \$19,048 (total, all years)

Provider imposed barriers to contraceptive uptake and continuation

7/1/2019-06/30/2021 Quality Innovation Challenge Award Winner
 David & Lucile Packard Foundation
 Role: Principal Investigator
 0.18 calendar months (1% for 18 months)
 Amount: \$50,000 (total)

Improving dialogue and accountability with a youth-led community score card in Western Kenya

1/1/2018-12/31/2018 Carolina Population Center Pilot Project
 CPC Development Core
 Role: Principal Investigator
 Amount: \$18,000 (total, all years)

*Patient perspectives on addressing contraceptive discontinuation in low-income settings:
 Advancing patient-centered care through qualitative inquiry*

4/1/2016-8/31/2017 K99HD086270-01
 NICHD
 Role: Principal Investigator
 17 calendar months (100%)
 Amount: \$241,434 (total, all years)

Service delivery factors influencing contraceptive use dynamics in developing countries: a mixed-methods and cross-disciplinary approach

7/1/2012-6/30/2017 NIH LRP-CIR
 NICHD
 Role: Principal Investigator
 Amount: \$84,208 (total, all years)

Four separate research proposals approved, each focusing on different aspects of facility-level barriers to contraceptive use

10/1/2014-6/30/2016

SFPRF8-17

Society of Family Planning

Role: Principal Investigator

Amount: \$13,636 (direct, all years)

Validity of the Retrospective Reproductive Calendar Instrument in Developing Countries

9/1/2014-3/31/2016

T32 HD007163

Eunice Kennedy Shriver National Institute of Child Health & Human Development

Principal Investigator: Massey

Role: Postdoctoral Research Fellow

Amount: \$651,016 (total)

Ruth L. Kirschstein National Research Service Award (NRSA) Training Grant in Population

7/1/2012-6/30/2013

Henry P. David International Travel Grant

American Psychological Association

Role: Principal Investigator

Amount: \$1,500 (total)

Quality of care and contraceptive use in urban Kenya

7/1/2012-6/30/2013

Henry P. David Research Grant

American Psychological Association

Role: Principal Investigator

Amount: \$1,500 (total)

Quality of care and contraceptive use in urban Kenya

1/1/2009-12/31/2016

52037

The Gates Foundation

Principal Investigator: David Guilkey

Role: Graduate Research Assistant (6/1/2010 – 8/31/2014)

Amount: \$28 million (total)

Measurement, Learning, & Evaluation for the Urban Reproductive Health Initiative

SERVICE

National/International service

2023

External examiner of a doctoral candidate, University of Iceland

2023

PAA Session Discussant: Family Planning Access and Choice

2021-24

NIH CHHD-W Population Sciences Subcommittee (Study Section) Standing Member

2021-22

PAA Session Organizer & Chair: Family Planning Service Delivery

2021-22

PAA Session Organizer & Chair: Family Planning Preference and Access

- 2020-21 PAA Session Organizer & Discussant: Contraceptive Use Dynamics
 2020-21 PAA Session Organizer & Chair: Contraceptive Behavior in LMICs
 2020 PAA Program Committee
 2018 Invited chair; Person-Centered-Care Workshop sponsored by the David & Lucile Packard Foundation, Kigali, Rwanda
 2018 Invited presenter; Workshop on Person-Centered Care sponsored by the David & Lucile Packard Foundation, Los Altos, CA
 2018 Invited meeting discussant; Initial results meeting for the *Assessing Service Quality and Discontinuation Study (ASQDS)*, sponsored by Metrics for Management, PSI, and MSI
 2018 Invited participant; *Improving the Metrics on Quality of Care in the Context of Rights-based Family Planning Services*, sponsored by the UN Foundation
 2017-2020 American Psychological Foundation's review panel for Henry David Research Grant
 2017 PAA Session Discussant: Fertility, Family Planning, & Sexual Health
 2017 Co-chair, Society of Family Planning, Research Fund Trainee Grant Committee
 2016 Senior Partner, Society of Family Planning, Conference Partner Program
 2016 Reviewer, National Science Foundation

University service

UNC-Chapel Hill

Service to the Gillings Global School of Public Health

- 2023-present Member, Health Policy and Management PhD Admissions Committee
 2023-present Member, Health Policy and Management MPH Concentration Admissions Committee
 2022-2023 Member, Global Health MPH Concentration Admissions Committee
 2021-2022 Member, Maternal and Child Health MPH Admissions
 2021-2022 Member, Maternal and Child Health Awards Committee
 2020 Director, Maternal and Child Health Doctoral Program
 2020 Chair, Maternal Child Health Doctoral Admissions Committee
 2018-2020 Member, Maternal Child Health Doctoral Committee
 2018 Member, Review Committee for selection of Associate Dean of Research

Service to the University

- 2023-2025 Member, Advisory Council for the Carolina Population Center
 2010-2014 Founding Member, Interdepartmental Family Planning Journal Club
 2010-2014 Volunteer, UNC Team Epi-Aid

Princeton University

- 2014-2016 Founding Member, Interdepartmental Family Planning Journal Club
 2014-2016 Frequent Presenter, Sociology Department Professional Development Group

Peer review

Ad hoc journal reviewer: *BMJ Global Health; BMJ Open; BMC Women's Health; Bulletin of the World Health Organization; Contraception; Culture, Health & Sexuality; Evaluation and Program Planning; Gates Open Research; Global Health: Science and Practice; International Journal of Women's Health; Health Affairs; International Perspectives on Sexual and Reproductive Health; Journal of the Union for African Population Studies; Patient Preference and Adherence; PLOS ONE; Reproductive Health; Studies in Family Planning; The Lancet Regional Health - Americas*

Conference abstract review: *Society for Epidemiological Research; Population Association of America; International Union for the Scientific Study of Population*