

KATHERINE TUMLINSON, PhD**ADDRESS**

Department of Maternal and Child Health
 University of North Carolina at Chapel Hill
 405a Rosenau Hall, CB #7445
 Chapel Hill, NC 27599
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 ktumlin@email.unc.edu

EDUCATION

2014

PhD, Epidemiology

University of North Carolina at Chapel Hill
 Dissertation: Measuring the quality of family planning service delivery in urban Kenya
 Advisor: Dr. Brian Pence

2007

MA, International Development

Brandeis University
 Thesis: Assessing the impact of quality on family planning services in Peru
 Advisor: Dr. Susan Holcombe

1997

BA, Economics

Concentration in Women's Studies
 Furman University
 Senior Thesis: Determinants of the gender median income gap in the US labor force
 Academic Honors: Omnicron Delta Kappa, Senior Honor

PROFESSIONAL EXPERIENCE**Assistant Professor**

9/1/2017 – present

Department of Maternal and Child Health
 University of North Carolina at Chapel Hill

Faculty Fellow

9/1/2017 – present

Carolina Population Center
 University of North Carolina at Chapel Hill

Postdoctoral Scholar

2016 – 2017

Carolina Population Center
 University of North Carolina at Chapel Hill

Postdoctoral Affiliate

2016 – 2016

Center for Health and Wellbeing, Global Health Program
 Princeton University

Postdoctoral Research Fellow

2014 – 2016

Office of Population Research
 Princeton University

Pre-doctoral Trainee

2009 – 2014

Carolina Population Center
 University of North Carolina at Chapel Hill

Research Associate 2009 – 2010	Behavioral and Biomedical Research Department Family Health International
Technical Officer 2007 – 2009	Applied Research Department Family Health International
Graduate Intern 2006 – 2007	Peru Office Pathfinder International
Teen Clinic Coordinator 1998 – 2002	Planned Parenthood of North Central Florida
Program Assistant 1997 – 1998	The Women’s Research and Education Institute

HONORS AND AWARDS

2020	Recipient, IBM Junior Faculty Development Award, UNC
2018	Winner, David and Lucile Packard Online Quality Innovation Challenge
2016–2018	Fellow, Cambridge Reproductive Health Consultants
2015	Berton H. Kaplan Award for best student publication, UNC Department of Epidemiology
2015	Department nominee, UNC Distinguished Dissertation Award, Social Sciences
2014–2016	NRSA Institutional Training Grant, Postdoctoral Fellow, Princeton University
2013	Student Travel Award, UNC Department of Epidemiology
2013	Student Transportation Award, UNC Graduate School
2013	UNC Nominee, Dolores Zohrab Liebmann Fellowship
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
1997	Omicron Delta Kappa Honorary Society, Furman University
1996/97	Senior Honor Honorary Society, Furman University
1995	LD Johnson Memorial Scholarship, outstanding rising junior, Furman University
1994	Winston C. Babb Memorial Award, outstanding freshman woman, Furman University

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*






Articles in Peer-Reviewed Journals

In Preparation

1. Swiatlo A, Curtis SL, Halpern C, Hassmiller Lich K, **Tumlinson K**. One-Year Latent Contraceptive Behavior Dynamics in a National Sample of U.S. Women. Submitted to *Social Science and Medicine*.
2. Swiatlo A, Curtis SL, Halpern C, Hassmiller Lich K, **Tumlinson K**. Contraceptive behavior dynamics and pregnancy experiences in the United States: A latent transition analysis. *Demography*.
3. **Tumlinson K**, Curtis SL. Quality of care and contraceptive continuation in urban Kenya.
4. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. Provider verbal abuse and bias towards family planning clients who are young, unmarried, or nulliparous: prevalence and perspectives of family planning mystery clients in western Kenya.
5. **Tumlinson K**, Britton L, Williams C, Wambua D, Onyango D. Prevalence and impact of method stockouts in Western Kenya.
6. Onyango D, **Tumlinson K**, Bullington B, Chang S, Gakii C. Piloting a Youth-led Community Score Card in Kisumu, Kenya: A feasibility and effectiveness pilot study. *Global Health: Science and Practice*.
7. Britton L, **Tumlinson K**, Williams C, Wambua D, Onyango D. Waiting for family planning in Western Kenya.
8. Britton L, **Tumlinson K**, Williams C, Wambua D, Onyango D. Client perspectives on quality of family planning service delivery in western Kenya.
9. Britton L, **Tumlinson K**, Williams C, Wambua D. Use of the journey mapping methodology to understand family planning service quality in western Kenya.
10. Britton L, **Tumlinson K**, and Caitlin Williams. The intersecting, amplifying nature of barriers to family planning: A commentary.
11. Busse C, **Tumlinson K**, Curtis C. Adolescent Adoption and Continuation of Contraception and Reasons for Discontinuation in the Developing Country Setting.
12. **Tumlinson K**, et al. The role of pregnancy intentions and pregnancy prevention motivations in subsequent unintended pregnancy: evidence from a prospective study in Western Kenya.

Under Review/Revision



1. **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. Submitted to *Health Policy and Planning*.
2. **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. Submitted to *Sexual and Reproductive Health Matters*.

3. **Tumlinson K**, Curtis S. Accuracy of calendar data for measuring contraceptive behavior: prospective, longitudinal evidence from urban Kenya. Submitted to *Social Science and Medicine*.
4.  Busse C and **Tumlinson K**. Out-of-pocket payments for modern contraceptive methods at public facilities in Tanzania: room for improvement. Submitted to *Global Health: Science and Practice*.
5.  Chang W, Sylvia S, Thirumurthy H, **Tumlinson K**. Abortion laws and life choices of young women and girls in sub-Saharan Africa: A cross-country analysis. Submitted to *Social Science and Medicine*.
6.  Cartwright A, **Tumlinson K**, Upadhyay U. Pregnancy Outcomes After Exposure to Crisis Pregnancy Centers among a Pregnant Population Recruited Online. Revised and resubmitted to *PLOS One*.
7.  Ijdi R, **Tumlinson K**, Curtis SL. The role of institutional delivery and newborn care in preventing early-neonatal mortality in Bangladesh. Revised and resubmitted to *PLOS One*.
8.  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. Revised and resubmitted to *Sexual and Reproductive Healthcare*.

Accepted

1. **Tumlinson K** & Curtis SL. Assessing the reliability of the retrospective reproductive calendar: evidence from urban Kenya. *Studies in Family Planning*.

In Print

1.  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. PMID: PMC8063731.
2.  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. PMID: PMC7990714.
3. **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.
4. **Tumlinson K**, Jaff D, Stilwell B, 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(91): <https://doi.org/10.1186/s12960-019-0426-9>. PMID: PMC6889551.
5. **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): <https://doi.org/10.1186/s12913-019-4435-0>. PMID: PMC6740012.

6. 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. PMID: PMC6237651.
7. Jaff D, **Tumlinson K**, Al-Hamadani A. Challenges to the Iraqi health system call for reform. *Journal of Health Systems*. 2018 Dec 3;3(2):9–12.
8. **Tumlinson K**. Letter to the Editor relating to the paper ‘Young Married Women’s Perceptions on the Meanings and Motivations for Their Husbands’ Opposition to their Modern Contraceptive Use in Malawi’ by Kaneka and Mturi. *Population Horizons*. November 2018; 14(1): S.5. doi: 10.1515/pophzn-2017-0010
9. Tessema GA, Mekonnen TT, Mengesha ZB, **Tumlinson K**. Skilled Maternal Care and Postpartum Contraceptive Use in Ethiopia. *BMC Pregnancy and Childbirth*. May 2018; 18:172. doi: 10.1186/s12884-018-1790-5. [Epub ahead of print]. PMID: PMC5956619.
10. 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*. 2017; 5(1): 108–114. PMID: PMC5493448.
11. **Tumlinson K**, Okigbo C, Speizer I. Provider barriers to family planning access in urban Kenya. *Contraception*. 2015; 92(2): 143-151. PMID: PMC4506861.
12. **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.
13. **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.
14. **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.
15. **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.
16. **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.
17. **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.

18. **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 teaching 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.

Invited commentary

1. **Tumlinson, K**. *Going undercover in Kisumu*. The Knowledge for Health (K4Health) Project. Published online February 2013. Available at: <https://www.k4health.org/blog/post/going-undercover-kisumu>

Conference oral presentations

1. **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.
2. 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.

3. **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.
4. **Tumlinson K**, Curtis S. *Reliability of calendar data for measuring contraceptive behavior*. International Conference on Family Planning, 2018. Kigali, Rwanda.
5. †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 *****
6. **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.
7. **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.
8. **Tumlinson K**, Speizer I. *Quality of care and contraceptive use in Urban Kenya*. International Conference on Family Planning, 2013. Addis Ababa, Ethiopia.
9. **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.
10. **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.
11. 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.
12. **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.
13. **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.
14. 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.
15. **Tumlinson K**, Guevara E. *Barriers to Postpartum and Post-abortion Family Planning in Peru*. International Conference on Population and Development, 2009. Paris, France.
16. **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.

17. **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).

Conference posters

1. 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.
2. 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***
3. **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***
4. **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.
5. **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.
6. [†]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.
7. **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.
8. **Tumlinson K**, Okigbo C, Speizer, I. *Provider barriers to family planning access in urban Kenya.* North American Forum on Family Planning, 2014. Miami, FL.
9. **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.
10. **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.
11. **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	Co-Faculty Instructor with Siân Curtis MHCH 716: International Family Planning and Reproductive Health (7 students)
Fall 2020	Faculty Instructor

MHCH 859: Theoretical Perspectives in Maternal and Child Health (and Grant-writing)

Guest lectures

- Fall 2020 "Family planning service quality in low-income settings."
EPID 851: Introduction to Reproductive and Perinatal Epidemiology
University of North Carolina at Chapel Hill
- Fall 2019 "Family planning service quality in low-income settings."
EPID 851: Introduction to Reproductive and Perinatal Epidemiology
University of North Carolina at Chapel Hill
- Fall 2018 "Family planning service quality in low-income settings."
EPID 851: Introduction to Reproductive and Perinatal Epidemiology
University of North Carolina at Chapel Hill
- Spring 2018 "Quality of care and contraceptive continuation in low-income countries."
Reproductive and Perinatal Epidemiology Weekly Doctoral Seminar
University of North Carolina at Chapel Hill
- Fall 2017 "Quality of care and contraceptive continuation in low-income countries."
MHCH 801: Maternal and Child Health Doctoral Seminar
University of North Carolina at Chapel Hill
- Fall 2015 "Conducting Research in Developing Countries."
Soc 585: Surveys, Polls, and Public Policy
Princeton University
- Spring 2013 "The Role of Research in Public Health."
IDST 190: Health of the Nation: From Epidemiology to Policy
University of North Carolina at Chapel Hill

Teaching assistant

- Fall 2011 Fundamentals of Epidemiology
60 Doctoral and Masters Students
University of North Carolina at Chapel Hill

Health educator

- 2000-2002 Middle and high school classroom instruction on adolescent reproductive health

ADVISING

Doctoral students

1. Emilia Goland, UNC MCH Primary Faculty Advisor, 2021-2025
2. Clara Busse, UNC MCH Primary Faculty Advisor, 2019-2023
3. Alice Cartwright, UNC MCH, Research Intern Faculty Supervisor, Fall 2019
4. Caitlin Williams, UNC MCH, Research Intern Faculty Supervisor, Spring 2018

5. Tara Casebolt, UNC MCH, Research Intern Faculty Supervisor, Spring 2018
6. Katherine Lemasters, UNC MCH, Independent study and manuscript preparation, 2016-2018
7. Celeste Marin, Princeton University, primary data collection field experience mentorship, Kenya, 2016
8. Gizachew Tessema, University of Gondar, Ethiopia, manuscript preparation, 2016-2018

Member of curriculum committee

1. Emilia Goland, UNC MCH (in progress)
2. Clara Busse, UNC MCH (in progress)
3. Alice Cartwright, UNC MCH (in progress)
4. Marissa Velarde, UNC MCH (in progress)
5. Tara Casebolt, UNC MCH; graduated 2021

Member of dissertation committee

1. Emilia Goland, UNC MCH (in progress)
2. Clara Busse, UNC MCH (in progress)
3. Alice Cartwright, UNC MCH (in progress)
4. Marissa Velarde, UNC MCH (in progress)
5. Tara Casebolt, UNC MCH, "Use of family planning and maternal health services by women with disabilities in rajasthan, india: Analysis of the annual health survey;" graduated 2021
6. Alison Swiatlo, UNC MCH, "Latent Contraceptive Behavior Dynamics and Pregnancy Experiences Among a National Sample of U.S. Women;" graduated 2020
7. Wei Chang, UNC Department of Health Policy, "Decision-Making Power for Women and Girls: Evaluating Interventions in Maternal, Sexual, and Reproductive Health in Low- and Middle-Income Countries;" graduated 2020

Masters students

1. Clara Hare-Grogg, Primary Faculty Advisor, MPH candidate, 2021-2023
2. Madeline Metz, Primary Faculty Advisor, MPH candidate, 2021-2023
3. Sydney McIntire, Primary Faculty Advisor, MPH candidate, 2020-2022
4. Jade Hollars, Primary Faculty Advisor, MPH candidate, 2020-2022
5. Holt Evans, Primary Faculty Advisor, MPH 2021
6. Chimwemwe Kumwenda, Primary Faculty Advisor, MPH 2021
7. Rashida Ijdi, Primary Faculty Advisor, MPH, 2020
8. Marie-Ange Giuraud, Primary Faculty Advisor, MPH, 2019; *recipient of The 2018 John and Sallie Shuping-Russell Scholarship in Global Health*
9. Dzidzai Muyengwa, Primary Faculty Advisor, MPH, 2019
10. Susanna Khachatryan, Primary Faculty Advisor, MPH/MSW, 2018

Masters paper – first reader

1. Chimwemwe Kumwenda (MPH) (*Menstrual hygiene management at Dzaleka refugee camp - implementation plan*); graduated May 2021
2. Rashida Ijdi (MPH) (*The role of institutional delivery in preventing early neonatal mortality in Bangladesh*); graduated May 2020
3. Susanna Khachatryan (MPH/MSW) (*North Carolina's maternal and child health trends, contributing factors, and the demonstrated benefit of public investments*); graduated Dec 2018
4. Dzidzai Muyengwa (MPH) (*Early Identification and Intervention for Health Concerns in Newborns: An Intervention Evaluation*); graduated May 2019

5. Marie-Ange Giuraud (MPH) (*Barriers and Facilitators to Healthcare Access among African migrant children; Review of the Literature and Public Health Implications*); graduated May 2019

Masters paper – second reader

1. Fanny Njie (MPH) (*Male Engagement in Family Planning: Implications and Considerations for Future Programs*)

Undergraduate students

1. Ciarra Dortche, East Carolina University, academic/professional mentorship through the Carolina Population Center undergraduate internship program, summer 2013

CONTRACTS AND GRANTS

Pending Research Support

4/1/2021-3/31/2023 R21HD105181-A1
 NICHD
 Role: Principal Investigator
 5 calendar months (42% each year)
 Amount: \$405,889 (total)

Peer Mentors to Address Provider Bias: A Strategy to Increase Contraceptive Use

To implement and evaluate the feasibility and impact of a peer mentoring intervention on contraceptive use in Western Kenya using a cluster randomized controlled trial to assess the impact on contraceptive use.

Will be reviewed by NICHD in October 2021

Current Research Support

5/19/2021-4/30/2026 1R01HD101453-01A1
 NICHD
 Role: Principal Investigator
 7 calendar months (58% each year)
 Amount: \$3,299,222 (total)

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

To implement and evaluate two social accountability interventions: the community score card and the citizen report card using a three-armed cluster randomized controlled trial to assess the impact on contraceptive use over a one-year follow-up period; implementation science research will be used to assess the acceptability, replicability, and sustainability of social accountability interventions.

7/1/2020-6/30/2021 NIH LRP-CR
 NICHD
 Role: Principal Investigator
 Amount: \$9,894 (direct, all years)

Provider imposed barriers to contraceptive uptake and continuation

This is an extramural loan repayment program for clinical research.

1/1/2020-09/30/2021 Junior Faculty Development Award
 UNC Committee on Faculty Research and Scholarly Leaves

Role Principal Investigator
Amount: \$10,000

Advancing Maternal and Child Health in Low-Income Settings

To gain qualitative insight into facility-level barriers experienced by women living in low-income countries and to determine culturally appropriate and feasible interventions for improving the quality of family planning service delivery.

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 use dynamics in developing countries: a mixed-methods and cross-disciplinary approach

To establish a research portfolio that integrates innovative approaches to investigating the quality of family planning service delivery in developing countries as well as new measures of contraceptive dynamics. This grant will also provide support in the transition from postdoctoral scholarship to a faculty position.

7/1/2019-06/31/2021 Quality Innovation Challenge Award Winner
David & Lucile Packard Foundation
Role: Principal Investigator
0.18 calendar months (1% for 18 months)
Amount: \$50,000

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

The proposed innovation seeks to improve service delivery by changing the attitude and behavior of public sector healthcare providers when attending to young and unmarried family planning patients, while simultaneously reducing provider absenteeism and solicitation of informal patient fees. This will be accomplished by using the Community Score Card (CSC) approach to empower communities and increase dialogue between patients and providers, while also providing community level feedback to the county health leadership and national family planning program.

Completed Research Support

7/1/2017-6/30/2019 NIH LRP-CR
NICHD
Role: Principal Investigator
Amount: \$9,154 (direct, all years)

Provider imposed barriers to contraceptive uptake and continuation
This is an extramural loan repayment program for clinical research.

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

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

To implement qualitative methods, including patient journey mapping and focus group discussions, to better understand client perspectives and identify promising solutions to high levels of contraceptive discontinuation.

4/1/2016-8/31/2017

K99HD086270-01

NICHD

Role: Principal Investigator

17 calendar months (100%)

Amount: \$241,434 (all years)

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

To establish a research portfolio that integrates innovative approaches to investigating the quality of family planning service delivery in developing countries as well as new measures of contraceptive dynamics. This grant will also provide support in the transition from postdoctoral scholarship to a faculty position.

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

To collect prospective longitudinal data to investigate the validity of the retrospective reproductive calendar instrument.

7/1/2012-6/30/2017

NIH LRP-CIR

NICHD

Role: Principal Investigator

Amount: \$84,208 (direct, all years)

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

This is an extramural loan repayment program for contraception and infertility research; the initial proposal was awarded in 2012 and the contract was renewed three times.

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 (direct, 5/1/2014-4/30/2016)

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

To provide pre and post-doctoral scholars with strong training in the technical aspects of demographic and statistical methods for careers in demographic research and teaching.

7/1/2012-6/30/2013

Henry P. David Int'l Travel Grant

American Psychological Association

Role: Principal Investigator

Amount: \$1,500 (direct, all years)

Quality of care and contraceptive use in urban Kenya

To investigate the validity of standard facility-level instruments used to measure quality of care in large-scale developing country settings.

7/1/2012-6/30/2013

Henry P. David Research Grant

American Psychological Association

Role: Principal Investigator

Amount: \$1,500 (direct, all years)

Quality of care and contraceptive use in urban Kenya

To investigate the validity of standard facility-level instruments used to measure quality of care in large-scale developing country settings.

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

To evaluate the Urban Reproductive Health Initiative, a multi-country program in India, Nigeria, Kenya, and Senegal that aims to improve the health of the urban poor.

SERVICE**National service**

2021-23 CHHD-W Population Sciences Subcommittee Member
 2021 PAA Session Chair: Understanding Contraceptive Behavior in Low- and Middle-Income Countries
 2021 PAA Session Discussant: Contraceptive Use Dynamics
 2020-21 PAA Session Organizer & Chair: Contraceptive Behavior in Low- and Middle-Income Countries
 2020 PAA Program Committee
 2018 Invited chair; Person-Centered-Care for Family Planning and Abortion Workshop sponsored by the David & Lucile Packard Foundation, Kigali, Rwanda, November
 2018 Invited presenter; Workshop on Person-Centered Care for Family Planning and Abortion sponsored by the David & Lucile Packard Foundation, Los Altos, CA, October
 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; Strategic planning meeting, *Improving the Metrics on Quality of Care in the Context of Rights-based Family Planning Services*, sponsored by the UN Foundation
 2017-18, 2020 American Psychological Foundation's review panel for the Henry David Research and Travel Grants
 2017 PAA Session Discussant: Fertility, Family Planning, & Sexual Health: Programs & Policies
 2017 Society of Family Planning, Research Fund Trainee Grant Review Committee, Co-chair
 2016 Society of Family Planning, Conference Partner Program, Senior Partner
 2016 National Science Foundation, grant reviewer

University service*UNC-Chapel Hill*Service to the Gillings Global School of Public Health

2020 Director, Maternal and Child Health Doctoral Program
 2020 Chair, Maternal Child Health Doctoral Committee
 2018-present Member, Maternal Child Health Doctoral Committee
 2018-present Member, Global Health MPH Concentration Committee
 2018 Member, Review Committee for selection of Associate Dean of Research

2017 Expert Panelist, preparing T32 global cardio-metabolic disease trainees for conducting summer research internships abroad

Service to the Carolina Population Center

2013 Mentor, Carolina Population Center (CPC) Undergraduate Internship Program
2013 Member, Presentation Advisory Committee for CPC Undergraduate Interns

Service to the University

2018 Expert Panelist, K99/R00 Information Session, UNC Office of Postdoctoral Affairs
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 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*

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