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EDUCATION

- PhD 2002 Department of Population Dynamics, The Johns Hopkins Bloomberg School of Hygiene and Public Health, Baltimore, MD
- MPH 1997 School of Medicine and Health Sciences, The George Washington University, Washington, DC
- BA 1996 Department of Biology, College of Arts and Sciences, Cornell University, Ithaca, NY

PROFESSIONAL EXPERIENCE

- Nov 2017-present Associate Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-Chapel Hill, Chapel Hill, NC
- Feb 2016-Oct 2017 Research Associate Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-Chapel Hill, Chapel Hill, NC
- July 2012-present Faculty Fellow, Carolina Population Center, UNC-Chapel Hill, Chapel Hill, NC
- Oct 2011-present Senior Technical Advisor for Maternal and Child Health, MEASURE Evaluation, Carolina Population Center, UNC-Chapel Hill, Chapel Hill, NC
- Aug 2005-Jan 2016 Research Assistant Professor, Department of Maternal and Child Health, Gillings School of Global Public Health, UNC-Chapel Hill, Chapel Hill, NC
- July 2003-Oct 2011 Research Associate, MEASURE Evaluation, Carolina Population Center, UNC-Chapel Hill, Chapel Hill, NC
- Mar 2002-June 2003 Program Manager, International Rescue Committee South Sudan Program, Nairobi, Kenya
- Nov 2001-Mar 2002 Research Fellow, Harvard University/Muhimbili College of Health Sciences Dar es Salaam, Tanzania
- May 2001-Sept 2001 Consultant, The Brookings Institute, Washington, DC

June 1999-Mar 2000 Researcher, The Demography of Forced Migration Project, Northern Uganda and Southern Sudan

June 1998-Sept 2000 Research Assistant/Teaching Assistant, The Johns Hopkins School of Hygiene and Public Health, Baltimore, MD

July 1998-Sept 1998 Consultant, Macro International (DHS Division), Calverton, MD

HONORS

2019 UNC's Ruth and Phillip Hettleman Prize for Artistic and Scholarly Achievement
2016-2017 Carolina Women's Center Faculty Scholar
2013 Carolina Population Center Summer in Residence
2013 Delta Omega Public Health Honor Society
2005 Humphrey Fellows Teaching Excellence Award
1999-2001 National Research Service Award (NRSA)-National Institute for Child Health and Human Development (NICHD)

PUBLICATIONS

Book

Amouzou A, Carvajal-Aguirre L Khan S, Mehtra V, **Singh K**, Vaz L. (Editors). Measuring coverage of essential maternal and newborn care interventions: An unfinished agenda. Journal of Global Health Collection. 2019

Book Chapters

(*Denotes student/post-doc involvement)

1. Godwin C*, Buller A, Bentley M, **Singh K**, Understanding the Relationship and Reproductive Health Changes of Female Survivors of Ebola Infection in Liberia. In: Schwartz DA, Anoko JN, Abramowitz SA. Editors. Pregnant in the Time of Ebola. Women and their Children in the 2013-2015 West African Epidemic. Springer Nature Switzerland; 2019. p.103-120
2. **Singh K**, Curtis S, Bloom S. Global maternal and child health. In: Kotch J, editor. Maternal and Child Health Programs, Problems and Policies in Public Health. 3rd ed. Burlington (MA): Jones and Bartlett Publishers; 2013. p. 371-391.
3. **Singh K**, Karunakara U, Burhnman G, Hill K. Forced migration and Under-five mortality: A comparison of refugees and hosts in Northern Uganda and Southern Sudan. In: Brunborg H, Tabeau E, Urdal H, editors. The Demography of Armed Conflict: (International Studies in Population). Springer Netherlands; 2006. p. 323-346.
4. Robinson C, Hill K, **Singh K**. Principles and uses of demography in emergency assessment. In: Robinson C, Hill K, editors. Demographic Methods in Emergency Assessment: A Guide for Practitioners. Baltimore (MD): The Johns Hopkins Bloomberg School of Public Health; 2003. p. 17-47.

Refereed Journal Articles

(*Denotes student/post-doc involvement)

1. **Singh K**, Speizer I, Idji, RE*, Calhoun L. Importance of Subnational-level Analyses: Gender Equality Measures and MCH and FP Outcomes in Plateau State, Nigeria. *BMC Pregnancy and Childbirth* 2021;21(170) <https://doi.org/10.1186/s12884-021-03659-y>
2. Simmons, E.M*., **Singh, K.**, Mpiima, J., Kumar, M, Weiss, W. Assessing coverage of essential maternal and child health interventions using health-facility data in Uganda. *Popul Health Metrics* 18, 26 (2020). <https://doi.org/10.1186/s12963-020-00236-x>
3. Hagaman, A.K*., **Singh, K.**, Abate, M, Alemu H, Kefale AB, Bitewulign B, Seifu AE, Kiflie A, Mulissa Z, Tiyo H, Seman Y, Tadesse MZ, and Magge H. The impacts of quality improvement on maternal and newborn health: preliminary findings from a health system integrated intervention in four Ethiopian regions. *BMC Health Serv Res* 20, 522 (2020). <https://doi.org/10.1186/s12913-020-05391-3>
4. Plotkin M*, George J, Bundala J, Tibaijuka G, Njonge L, Lemwayi R, Drake M, Zaugrana J, Bishanga D, Ramaswamy R, **Singh K**, Wheeler S. National Level environmental factors around scale up of Doppler to improve fetal heart rate monitoring in Tanzania: a qualitative assessment. *Intl J of Environmental Research and Public Health* 2020. 17(6), 1931. doi.org/10.3390/ijerph17061931
5. Kim ET*, **Singh K**, Speizer IS, Lemani C. Influences of health facility type for delivery and experience of cesarean section on maternal and newborn postnatal care between birth and facility discharge in Malawi. *BMC Health Serv Res.* 2020;20(1):139. doi:10.1186/s12913-020-4958-4
6. Kim ET*, **Singh K**, Speizer I, Angeles G, Weiss W. Availability of health facilities and utilization of maternal and newborn postnatal care in rural Malawi. *BMC Pregnancy and Childbirth.* 2019. 19:503. doi. 10.1186/s12884-019-2534-x. PMID:31847872
7. Agarwal A*, Curtis S, Angeles G, Speizer I, **Singh K**, Thomas J. The impact of India's accredited social health activist (ASHA) program on the utilization of maternity services: a nationally representative longitudinal modelling study. *Human Resources for Health.* 2019. Aug 19. 17:68. doi.org/10.1186/s12960-019-0402-4. PMID: 31426801.
8. **Singh K**, Speizer I, Barker PM, Afrakoma Agyeman-Duah JN, Agula J, Akpakli JK Akparibo S, Dasoberi IN, Kanyoke E, Steenwijk JH, Yabang E, Twum-Danso NAY, Sodzi-Tettey S, Evaluating the impact of a hospital scale-up phase of a quality improvement intervention in Ghana on mortality for children under five, *International Journal for Quality in Health Care.* 2019. Jul 19. mzz073, doi.org/10.1093/intqhc/mzz073 PMID: 31322678.
9. Agarwal A*, Curtis S, Angeles G, Speizer I, **Singh K**, Thomas J. Are Community Health Workers effective in retaining women in the maternity care continuum? Evidence from India.

BMJ Global Health. 2019. Jul.4(4):e001557. doi:10.1136/ bmjgh-2019-001557 PMID: 31406590.

10. Albritton J*, Fried B, **Singh K**, Weiner B, Reeve B, Edwards J. Developing effective quality improvement teams in Ghana: The role of psychological safety and learning behavior. *BMC Health Services Research*. 2019. 19:385. doi: 10.1186/s12913-019-4234-7.
11. Molla YB, Nilsen K, **Singh K**, Ruktanonchai CW, Schmitz M, Duong J, Serbanescu F, Moran A, Matthews Z, Tatem A, Rawlins B. Best practices in availability, management and use of geospatial data to guide reproductive, maternal, child and adolescent health programs. *BMJ Global Health*. 2019: 4:e001406.. doi.org/10.1136/bmjgh-2019-001406
12. Matthews Z, Duong J, Molla Y, Moran A, **Singh K**, Rawlins B, Serbanescu F, Tatem A, Nilsen K. Geographic and Spatial Analysis for Reproductive, Maternal, Newborn, Child, and Adolescent Health: Gaps and Opportunities. *BMJ Global Health*. 2019:4: e001702. doi.org/10.1136/bmjgh-2019-001702
13. Godwin C*, Wohl D, Fischer W, **Singh K**, Hawks DA, Tozay S, Reeves W, Pewu K, Devore EE, Brown J. Reproductive Health Sequelae in Women Who Survived Ebola Virus Disease in Liberia. *International Journal of Gynecology and Obstetrics*. 2019. 146(2): 212-217. doi.org/10.1002/ijgo.12858. PMID: 31074837.
14. Kim, ET*, **Singh K**, Weiss W. Maternal postnatal care in Bangladesh: a closer look at specific content and coverage by different types of providers. *Journal of Global Health Reports*. 2019. 3: e2019004. PMID: 31482138.
15. Bailey P, Awoonor-Williams K, Lebrun V, Keyes E, Chen M, Aboagye P, **Singh K**. Referral patterns through the lens of health facility readiness to manage obstetric complications: national facility-based results from Ghana. *Reproductive Health*. 2019. 16:19: doi.org/10.1186/s12978-019-0684-y. PMID: 30777082.
16. **Singh K**, Speizer I, Kim ET*, Lemani C, Tang JH, Phoya A. Evaluation of a maternity waiting home and community education program in two districts of Malawi. *BMC Pregnancy and Childbirth*. 2018. Nov; 18:457. doi.org.10.1186/s12884-018-2084-7. PMID: 30470256.
17. Cofie L*, Barrington C, Sodzi-Tettey S, Maman S, Ennett S, **Singh K**. A qualitative study of women's network social support and facility delivery in rural Ghana. *PloS One*. 2018. Nov;13(11). doi.org/10.1371/journal.pone.0206429. PMID: 30399180.
18. Kim, ET*, **Singh K**, Moran A, Armbruster D, Kozuki N. Obstetric Ultrasound Use in Low and Middle Income Countries: a narrative review. *Reproductive Health*. 2018. July;15(1):129. doi.org/10.1186/s12978-018-0571-y. PMID: 30029609.
19. Khan S, Kim ET*, **Singh K**, Amouzou A, Carvajal-Aguirre L. Thermal Care of Newborns: Drying and Bathing Practices in Malawi and Bangladesh. *Journal of Global Health*. 2018 June 8(1): 010901. doi: 10.7189/jogh.08.010901. PMID: 29862028.

20. Hill K, Johnson P, **Singh K**, Amuzu-Pharin AA, Kharki YB on behalf of the Estimating Maternal Mortality from Census Technical Working Group. Using Census Data to Measure Maternal Morality: A Review of Recent Experience. *Demographic Research*. 2018. 39(11): 337-364 doi.org/10.4054/DemRes.2018.39.11
21. Lemani C, Kamtuwanje N, Phiri B, Speizer I, **Singh K**, Mtema O, Chisanu N, Tang J. Effect of a Family Planning Intervention on couple years of protection in Malawi. *IJGO*. 2018 Apr 14(1) 37-44. doi:10.1002/ijgo.12439. PMID: 29318602.
22. Cofie L*, Barrington C, **Singh K**, Sodzi Sodzi-Tettey, Ennett S, Maman S. Structural and functional network characteristics and facility delivery among women in rural Ghana. *BMC Pregnancy and Childbirth*. 2017. Dec 17(425). doi: 10.1186/s12884-017-1611-2. PMID: 29258456.
23. Carvajal-Aguirre L, Vaz L, **Singh K**, Stirin D, Moran A, Khan S, Amouzou A. Measuring Coverage of Essential Maternal and Newborn Care Interventions: An unfinished Agenda. *Journal of Global Health*. 2017. Dec, 7(2): 020101. doi: 10.7189/jogh.07.020101. PMID: 29423175.
24. Khan S*, Speizer I, **Singh K**, Angeles G, Barker P, Twun-Danso N. Does postnatal care have a role in improving newborn feeding? A study in 15 Sub-Saharan African countries. *Journal of Global Health*. 2017. Dec 7(2): 020506. doi: 10.7189/jogh.07.020506. PMID: 29423183.
25. **Singh K**, Khan S, Carvajal-Velez L, Brodish P, Amouzou A, Moran A. The importance of skin-to-skin contact for early initiation of breastfeeding in Nigeria and Bangladesh. *Journal of Global Health*. 2017. Dec 7(2): 020505. doi: 10.7189/jogh.07.020505. PMID: 29423182.
26. **Singh K**, Brodish P*, Chowdhury E, Biswas T, Kim ET*, Godwin C*, Moran A. Postnatal care for newborns in Bangladesh: The importance of health-related factors and location. *Journal of Global Health*. 2017. Dec 7(2): 020507. doi: 10.7189/jogh.07.020507. PMID: 29423184.
27. Bailey P, Andualem W, Brun M, Freedman L, Gbangbade S, Libamba E, Moran A, Mouniri H, Ould de Joud D, **Singh K**. Institutional maternal and perinatal deaths: a review of 40 low and middle income countries. *BMC Pregnancy and Childbirth*. 2017 Sept 7;17(1):295. doi: 10.1186/s12884-017-1479-1. PMID: 28882128.
28. Huang C*, **Singh K**, Handa S, Halpern C, Pettifor A, Thirumurthy H. Investments in children's health and the Kenyan Cash Transfer for Orphans and Vulnerable Children. Evidence from an Unconditional Cash Transfer Scheme. *Health Policy and Planning*. 2017 Sept,32(7):943-955. doi: 10.1093/heapol/czw181. PMID: 28431108.
29. Kim, ET*, **Singh K**. The state of essential newborn care by delivery location in Bangladesh. *Maternal and Child Health Journal*. 2017 Jul 15. 25 pages. doi: 10.1007/s10995-017-2319-7. PMID: 28712021.

30. Molla YB, Rawlins B, Makanga T, Cunningham M, Hernández-Ávila JA, Ruktanonchai C, **Singh K**, Alford S, Thompson M, Dwivedi V, Moran AC, Matthews Z. Geographic information system for improving for maternal and newborn health: Recommendations for policy and programs. *BMC Pregnancy and Childbirth*. 2017 Jan 11;17(1):26. doi: 10.1186/s12884-016-1199-y. PMID: 28077095.
31. Story W*, Barrington C, Fordham C*, Sodzi-Tettey S, Barker P, **Singh K**. Male involvement and accommodation during obstetric emergencies in rural Ghana: A qualitative analysis. *International Perspectives in Sexual and Reproductive Health*. 2016 Dec; 42(4): 211-219. doi: 10.1363/42e2616. PMID: 28825900.
32. **Singh K**, Speizer I, Kim ET*, Lemani C, Phoya A. Reaching vulnerable women through maternity waiting homes in Malawi. *International Journal of Gynecology and Obstetrics*. 2017 136(1):91-7. doi: 10.1002/ijgo.12013. PMID: 28099696.
33. Jaff D*, **Singh K**, Margolis L. Targeting health care in armed conflict and emergencies: Is it underestimated? *Medicine, Conflict and Survival*. 2016 Jan-Mar;32(1):21-9. doi: 10.1080/13623699.2016.1205784. PMID: 27378065.
34. **Singh K**, Brodish P*, Speizer I, Barker P, Amenga-Etego I, Dasoberi I, Kanyoke E, Boadu E, Yabang E, Sodzi-Tettey S. Can a quality improvement project impact maternal and child health outcomes at scale in northern Ghana? *Health Research Policy and Systems*. 2016 Jun;16:14(1):45. doi: 10.1186/s12961-016-0115-2. PMID: 27306769.
35. Brodish PH*, **Singh K**. Association between *Schistosoma haematobium* exposure and Human Immunodeficiency Virus infection among females in Mozambique. *American Journal of Tropical Medicine and Hygiene*. 2016 May 4;94(5):1040-4. doi: 10.4269/ajtmh.15-0652. PMID: 26976893.
36. Khan S*, **Singh K**. The association between health insurance coverage and skilled birth attendance in Ghana: A national study. *Maternal and Child Health Journal*. 2016 Mar;20(3):534-41. doi: 10.1007/s10995-015-1851-6. PMID: 26525559.
37. **Singh K**, Story W*, Moran A. Assessing the continuum of care pathway for maternal health in South Asia and Sub-Saharan Africa. *Maternal and Child Health Journal*. 2016;20(2):281-89. doi: 10.1007/s10995-015-1827-6. PMID: 26511130.
38. Bailey P, Keyes E, Moran A, **Singh K**, Chavane L, Chilundo B. The triple threat of pregnancy, HIV infection and malaria: Reported causes of maternal mortality in two nationwide health facility assessments in Mozambique, 2007 and 2012. *BMC Pregnancy and Childbirth*. 2015;15:293. doi: 10.1186/s12884-015-0725-7. PMID: 26552482.
39. Cofie L*, Barrington C, **Singh K**, Sodzi-Tettey S, Akaliguang A*. Birth location preferences of mothers and fathers in rural Ghana: Implications for pregnancy, labor and birth outcomes. *BMC Pregnancy and Childbirth*. 2015 Aug 12;15:165. doi: 10.1186/s12884-015-0604-2. PMID: 26265087.

40. **Singh K**, Osei-Akoto I, Otchere F*, Sodzi-Tettey S, Barrington C, Huang C*, Fordham C*, Speizer I. Ghana's National Health insurance scheme and maternal and child health: A mixed methods study. *BMC Health Services Research*. 2015 Mar 17;15:108. doi: 10.1186/s12913-015-0762-y. PMID: 25889725.
41. **Singh K**, Bloom S, Brodish P*. Gender equality as a means to improve maternal and child health in Africa. *Health Care for Women International*. 2015;36(1):57-69. doi: 10.1080/07399332.2013.824971. PMID: 24028632.
42. Speizer I, Story W*, **Singh K**. Factors associated with institutional delivery in Ghana: The role of decision making autonomy and community norms. *BMC Pregnancy and Childbirth*. 2014;14:398. doi: 10.1186/s12884-014-0398-7. PMID: 25427853.
43. **Singh K**, Brodish P*, Haney E*. Postnatal care by provider type and neonatal death in sub-Saharan Africa: A multilevel analysis. *BMC Public Health*. 2014 Sep 10;14:941. doi: 10.1186/1471-2458-14-941. PMID: 25208951.
44. Cofie L*, Barrington C, Akaliguang A*, Reid A*, **Singh K**, Fried B, Tettey S, Barker P. Integrating community outreach into a quality improvement project to promote maternal and child health in Ghana. *Global Public Health*. 2014;9(10):1184-97. doi: 10.1080/17441692.2014.952656. PMID: 25204848.
45. Haney E*, **Singh K**, Nyamukapa C, Gregson S, Robertson L, Sherr L, Halpern C. One size does not fit all: Psychometric properties of the Shona Symptom Questionnaire (SSQ) among adolescents and young adults in Zimbabwe. *Journal of Affective Disorder*. 2014;167:358-67. doi: 10.1016/j.jad.2014.05.041. PMID: 25020271.
46. **Singh K**, Moran A, Story W*, Bailey P, Chavane L. Acknowledging HIV and malaria as major contributors to maternal mortality in Mozambique. *International Journal of Gynecology and Obstetrics*. 2014;(127):35-40. doi: 10.1016/j.ijgo.2014.05.002. PMID: 24981974
47. Luseno W*, **Singh K**, Handa S, Suchindran C. A multilevel analysis of the effect of Malawi's Social Cash Transfer Pilot Scheme on school-age children's health. *Health Policy and Planning*. 2014 Jul;29(4):421-32. doi: 10.1093/heapol/czt028. PMID: 23661614.
48. **Singh K**, Brodish P*, Suchindran C. A regional multilevel analysis: Can skilled birth attendants uniformly decrease neonatal mortality? *Maternal and Child Health Journal*. 2014 Jan;18(1):242-9. doi: 10.1007/s10995-013-1260-7. PMID: 23504132.
49. **Singh K**, Speizer I, Handa S, Boadu R, Atinbire S, Barker P, Twum-Danso N. Impact evaluation of a quality improvement intervention on maternal and child health outcomes in Northern Ghana: Early assessment of a national scale-up project. *International Journal for Quality in Health Care*. 2013;25(5):477-87. PMID: 23925506.

50. **Singh K**, Luseno W*, Haney E*. Gender equality and education: Increasing the uptake of HIV testing among married women in Kenya, Zambia and Zimbabwe. *AIDS Care*. 2013;25(11):1452-61. doi: 10.1080/09540121.2013.774311. PMID: 23438082.
51. **Singh K**, Haney E*, Olorunsaiye C*. Maternal autonomy and attitudes towards gender norms: Associations with childhood immunizations in Nigeria. *Maternal and Child Health Journal*. 2013 Jul;17(5):837-41. PMID: 22696106.
52. **Singh K**, Bloom S, Haney E*, Olorunsaiye C,* Brodish P*. Gender equality and childbirth in a health facility: Nigeria and MDG5. *African Journal of Reproductive Health*. 2012 Sep;16(3):123-9. PMID: 23437506.
53. **Singh K**, Brodish P*, Mbai F, Rinyuri A, Njeru C, Kingola N, Mureithi P, Sambisa W*, Weir S. A venue-based approach to reaching MSM, IDUs and the general population with VCT: A three study site in Kenya. *AIDS and Behavior*. 2012 May;16(4):818-28. doi: 10.1007/s10461-011-0103-z. PMID: 22198312.
54. Haney E*, **Singh K**. The importance of HIV prevention messaging for orphaned youth in Zimbabwe. *AIDS Care*. 2012;24(7):877-85. doi: 10.1080/09540121.2011.648162. PMID: 22293040.
55. Brodish P*, **Singh K**, Rinyuri A, Njeru C, Kingola N, Mureithi P, Sambisa W*, Weir S. Evidence of high-risk sexual behaviors among intravenous drug users in the Kenya PLACE Study. *Drug and Alcohol Dependence*. 2011 Dec 1;119(1-2):138-41. doi: 10.1016/j.drugalcdep.2011.05.030. PMID: 21700402.
56. **Singh K**, Tate J*, Buckner B, Ndubani P, Kamwanga J. Age, poverty and alcohol use as HIV risk factors for women in Mongu, Zambia. *African Health Sciences*. 2011;11(2):204-10. PMID: 21857851.
57. **Singh K**, Sambisa W*, Munyati S, Chandiwana B, Chingono A, Monash R, Weir S. Targeting HIV interventions for adolescent girls and young women in Southern Africa: Use of the PLACE methodology in Hwange District, Zimbabwe. *AIDS and Behavior*. 2010;14(1):200-8. doi:10.1007/s10461-009-9572-8. PMID: 19452272.
58. Tate J*, **Singh K**, Ndubani P, Kamwanga J, Buckner B. Measurement of HIV prevention indicators: A comparison of the PLACE method and a household survey in Zambia. *AIDS and Behavior*. 2010 Feb;14(1):209-17. doi: 10.1007/s10461-008-9505-y. PMID: 19089607.
59. **Singh K**, Karunakara U, Burnham G, Hill K. Forced migration and Under-five mortality: A comparison of refugee and host populations. *European Journal of Population*. 2005;21:247-70. doi: 10.1007/s 10680-005-6855-2.
60. **Singh K**, Karunakara U, Burnham G, Hill K. Using indirect methods to understand the impact of forced migration on long-term Under-five mortality. *Journal of Biosocial Science*. 2005 Nov;37(6):37:741-60. PMID: 16221323.

61. Karunakara U, Neuner F, Schauer M, **Singh K**, Hill K, Burnham G. Traumatic events and symptoms of post-traumatic stress disorder amongst Sudanese nationals, refugees and Ugandans in the West Nile. *African Health Sciences*. 2004 Aug;4(2):83-93. Erratum in: *Afr Health Sci*. 2004 Dec;4(3):193. Burnha, Gilbert [corrected to Burnham, Gilbert]. PMID: 15477186.

Refereed Journal Articles Under Review

(*Denotes student/postdoc involvement)

62. **Singh K.**, Li Q, Weiss W, Ahsan KZ*, Curtis S. A Comparison of Approaches to Measuring Maternal Mortality in Bangladesh. *Population Health Metrics* (under review)
63. Biadgo A, Legesse A, Seifu A, **Singh K**, Mulissa Z, Kiflie A, Magge H, Bitewulign B, Abate M, Alemu H. Quality of maternal and newborn health care in Ethiopia: A cross-sectional study. *BMC Health Services Research* (revise and resubmit)
64. Casebolt T*, **Singh K**, Speizer I, Halpern C. Use of Modern Contraceptives by Women with Disabilities in Rajasthan, India: An Analysis of the Annual Health Survey. *International Journal of Sexual Health* (under review)
65. Ahsan KZ*, Angeles G, Curtis S, Streatfield PK, **Singh K**, Handa S. Has the sector-wide approach (SWAp) been successful in improving equity in skilled delivery care in Bangladesh? An exploratory study using synthetic control analysis. *Health Policy and Planning* (under review)

Refereed Journal Articles in Preparation

(*Denotes student/postdoc involvement)

1. Hagaman A*, Gonzales Rodriguez H, Barrington C, Estifanos AK, Keraga DW, **Singh K**, Alemayehu AK, Magge H. “Even though they insult us, the delivery they give us is the greatest thing”: Contextualizing women’s satisfaction with facility-based maternal health care in Ethiopia
2. Patel S*, **Singh K**, Hagaman A*, Mulissa Z, Alemayehu AK, Estifanos AS, Leatherman S, Shea CM, Weinberger M, Fried B, Magge H. The impact of a multifaceted implementation strategy on maternal and newborn services: Results from a quasi-experimental evaluation of a system-wide intervention in Ethiopia
3. **Singh K**, Simmons L*, Angeles G, Swiatlo A*, Cheng-Yung O, Weiss W, Reyes H. Group-based Trajectory Modeling for Understanding Under-five Mortality Trends and Predictors

Recent Conference Presentations: Oral and Posters

(*Denotes student/post-doc involvement)

1. Simmons L*, **Singh K**, Angeles G, Swiatlo A*, Reyes H, Weiss W. Applying Group Based Trajectory Modeling and Prediction Modeling to Understand Under Five Mortality Trends and

Determinants in Low and Middle Income Countries. Oral Presentation at the Population Association of America, online presentation, May 2021.

2. Hagaman A*, **Singh K**, Speizer I, Bitewulign B, Abate A, Alemu A, Seifu Estifanos A, Mulissa, Z, Magge H. The Impacts of Quality Improvement on Maternal and Newborn Health: Preliminary Findings from a Health System Integrated Intervention in Three Regions in Ethiopia. Oral Presentation at the Population Association of America Conference. Austin, TX. April 2019.

3. Ahmed, S. Li Q, **Singh, K**, Moran A, Hill K. Challenges of Measuring Maternal Mortality Trends at Subnational Level in a Developing Country: An Illustrated Example of Bangladesh, 2001-2010. Oral presentation at the Population Association of American Conference. Denver, CO. April 2018.

4. Gue Y*, Wrammert J, **Singh K**, Ashish KC, Bradford K, Krishnamurthy A. Automatic analysis of neonatal video data to evaluate resuscitation performance. Oral presentation at. Atlanta, GA, October 2016.

5. Albriton J*, Fried B, **Singh K**, Sodzi-Tetty S, Dasoberi I, Kanyoke E, Yabang E. Evaluating QI teams in low-income settings: Adapting scales validated in high-income countries. Poster presentation at the Institute for Healthcare Improvement (IHI) Scientific Symposium. Orlando, FL, December 2015.

6. Huang C*, **Singh K**, Handa S. Investments in children's health and the Kenyan Cash Transfer for Orphans and Vulnerable Children. Evidence from an Unconditional Cash Transfer Scheme. Oral Presentation at the American Public Health Association (APHA) Annual Meeting. Chicago, IL, November 2015.

7. Khan S*, Speizer I, **Singh K**, Angeles G, Barker P, Twun-Danso N. Postnatal care and newborn feeding practices in 15 Sub-Saharan African countries. Oral presentation at the Global Maternal and Newborn Health Conference. Mexico City, Mexico, October 2015.

8. **Singh K**, Story W*, Moran A. Assessing the continuum of care in South Asia and Sub-Saharan Africa. Poster presentation at the Consortium of Universities in Global Health (CUGH) Conference. Boston, MA, March 2015.

9. **Singh K**. Findings from the Scale-up Phase of Project Fives Alive! Oral presentation at the Institute for Healthcare Improvement (IHI) Scientific Symposium. Orlando, FL, December 2014.

10. Mobbinson-Etuk N, Quick T, Heap A, **Singh K**, Rollins N, Tshbalala M, Olver S, Picillo B, Barker P. Eliminating MTCT at Scale: A six country collaborative using performance improvement methods. Boston, MA, November 2013.

11. **Singh K**. Discussant: Migration and gender. Population Association of America. New Orleans, LA, April 2013.

12. **Singh K**, Brodish P*, Suchindran C. The link between maternal health services and neonatal mortality: Can skilled birth attendants decrease neonatal mortality? Oral presentation at the Population Association of America. New Orleans, LA, April 2013.
13. Reid A*, Barrington C, Akaligaung A*, Fried B, **Singh K**. Role of the community in quality improvement in Ghana: Increasing maternal and child health service coverage. Oral presentation at the 140th American Public Health Association Annual Meeting. Boston, MA, November 2012.
14. **Singh K**, Speizer I, Handa S, Boadu R, Atinbire S, Barker P, Twum-Danso N. Impact evaluation of a quality improvement intervention on maternal and child health outcomes in Northern Ghana. Poster presentation at the Academy for Healthcare Improvement Annual Meeting. Washington, DC, May 2012.
15. Reid A*, Barrington C, Akaligaung A*, Fried B, **Singh K**. Role of the community in quality improvement in Ghana: Increasing maternal and child health service coverage. Poster presentation at the Academy for Healthcare Improvement Annual Meeting. Washington, DC, May 2012.
16. **Singh K**. Bloom S, Brodish P*. The influence of women's empowerment on maternal health service utilization: A regional look at Africa. Poster presentation at the Population Association of America Annual Meeting. Washington, DC, April 2011.
17. Colaco R*, Bloom S, Suchindran C, **Singh K**, Moracco B. Lack of gender equality perceptions as a predictor of risky sexual behavior among men in Northern India. Poster presentation at the Population Association of America. Detroit, MI, May 2009.
18. **Singh K**, Sambisa W*, Munyati S, Chandiwana B, Chingono A, Weir S. Hot spots for risky sexual behavior: Findings from the PLACE Studies in Zambia and Zimbabwe. Poster Presentation at the Population Association of America. New Orleans, LA, April 2008.

Recent Invited Talks

1. **Singh, K**. Helping Mothers and Newborns Survive and Thrive in Low Resource Settings. Michigan Population Studies Center. Remote Presentation. March 2021.
2. Simmons E*, **Singh K**, Mpiima J, Kumar M, Weiss W. Assessing coverage of essential maternal and child health interventions using health-facility data in Uganda. Countdown to 2030 Workshop on Health Facility Data Analysis. Nairobi, Kenya. February 2020.
3. **Singh K**. Keynote Address for the Rotary Peace Fellow's Celebration of International Women's Day. Chapel Hill, NC, March 2017.
4. **Singh K**. A global perspective on the future health of women and girls. Maya Angelou International Women's Health Summit. Winston-Salem, NC, March 2017.
5. **Singh K**. Key issues in maternal mortality-estimation and cause of death. MEASURE Evaluation End of Project Meeting. Washington, DC, May 2014.

6. **Singh K.** So why do an evaluation? MCH Public Health Leadership Training Program. Chapel Hill, NC, November 2012.
7. **Singh K.** Gender equality measures and maternal and child health in Africa. Carolina Population Center Seminar Series. January 2012.
8. **Singh K.** So why do an Evaluation? MCH Public Health Leadership Training Program. Chapel Hill, NC, November 2011.
9. **Singh K.** Key issues in monitoring and evaluation of innovative programs. Saving lives at births: A grand challenge for development. Washington, DC, July 2011.
10. Weir S, **Singh K.** Issue paper on MARP definitions. MERG MARP M&E Meeting. October 2008.
11. **Singh K.** Hot spots for risky sexual behavior: Findings from the PLACE studies in Zambia and Zimbabwe. MEASURE Evaluation Symposium. February 2008.

Conference Proceedings

(*Denotes student/post-doc involvement)

1. Gue Y*, Wrammert J, **Singh K**, Ashish KC, Bradford K, Krishnamurthy A. Automatic analysis of neonatal video data to evaluate resuscitation performance. 2016 IEEE 6th International Conference on Computational Advances in Bio and Medical Sciences. 2016.
doi.org/10.1109/ICCABS.2016.7802775

Refereed Technical Reports

(*Denotes student/post-doc involvement)

1. Kumar M, **Kim ET***, Millar E, Singh K*, Weiss W. Enabling and Expanding the Scope of Public Health Decision-making in Uganda to Reduce Maternal Mortality. MEASURE Evaluation. 2019.
2. **Singh K**, Hart L. A guide on conducting a post-census verbal autopsy to estimate maternal mortality. MEASURE Evaluation. MS-15-102. 2015.
3. **Singh K**, Bloom S, Brodish P. The influence of gender factors on maternal and child health in Africa. Chapel Hill, NC, MEASURE Evaluation, University of North Carolina at Chapel Hill. 2011.
4. **Singh K**, Brodish P, Rinyuri A, Njeru C, Kingola N, Mureithi P, Sambisa W*, Weir S. Findings from the Three Site PLACE Kenya Study - Malindi, Nanyuki and Rachuonyo. NC: APHIA II Evaluation: ICF MACRO. 2011.

5. **Singh K**, Sambisa W*, Munyati S, Chandiwana B, Chingono A, Mahati S, Mashange W. PLACE in Zimbabwe: Identifying gaps in HIV prevention among orphans and young people in Hwange District, 2006 MEASURE Evaluation, University of North Carolina at Chapel Hill. 2007.
6. Frankel N, Gage A, Luben E, **Singh K**. M&E Fundamentals. A self-guided minicourse. Chapel Hill, NC, MEASURE Evaluation, University of North Carolina at Chapel Hill. 2007.
7. Tate J*, **Singh K**, Buckner B. A comparison of the PLACE Method and Household Survey in Zambia – MEASURE Evaluation Working Paper. 2007.
8. MEASURE Evaluation (**Singh K**. et al.) Zambia sexual behavior survey. Chapel Hill, NC, MEASURE Evaluation, University of North Carolina at Chapel Hill. 2006.
9. Mwanamwenge M, Chilopa B, Chewe P, Banda R, Buckner B, **Singh K**. Zambia sexual behavior study 2003. MEASURE Evaluation. 2004.
10. Bloom S, Ukwuani F, Finn T, **Singh K**. AIDS in Africa during the nineties: Tanzania Youth Report. MEASURE Evaluation. 2004.
11. Becker S, Diop-Sidibe N, Suzuki E, **Singh K**. Demographic Methods I and II: A Multimedia CD-ROM course, Baltimore, The Johns Hopkins University. 2001.

Non-Refereed Technical Reports

(*Denotes student/post-doc involvement)

1. Flax V, **Singh K**, Kim ET*, Fagbemi M, Hagaman, A*, Amer S, Unangst J, Karns S. Alive & Thrive Nigeria Impact Evaluation: Baseline Provider Survey. RTI International. 2017.
2. Flax V, **Singh K**, Kim ET*, Fagbemi M, Hagaman, A*, Amer S, Unangst J, Karns S. Alive & Thrive Nigeria Impact Evaluation: Baseline Household Survey Topline Findings. RTI International. 2017.
3. UNC and ISSER. Final Evaluation Report for Project Fives Alive! and the Maternal and Newborn Referrals Project. 2016.
4. UNC and ISSER. Endline Assessment of the Maternal and Newborn Referrals Project. 2015.
5. UNC and ISSER: Midline Assessment of the Maternal and Newborn Referrals Project. 2014.
6. Summary Report: Estimating Maternal Mortality from Census Data. MEASURE Evaluation. 2014.
7. UNC and ISSER. The Evaluation of the Maternal and Newborn Referrals Project. Quantitative Baseline Report. 2012.

8. UNC and ISSER. The Evaluation of the Maternal and Newborn Referrals Project. Qualitative Baseline Report. 2012.

9. UNC. Milestone Three Report: Evaluation of Project Fives Alive! 2011.

TEACHING

CLASSROOM TEACHING:

MHCH 722, Global Maternal and Child Health (from 2004-2011 the course was called International Issues in Maternal and Child Health): The focus of this course is on the biological and social determinants of maternal and child health. The main causes of maternal and Under-five morbidity and mortality in developing countries are presented as well as the interventions, policies and research which address these causes. This course is a graduate-level course.

Enrollment: Fall 2020 (22), Fall 2019 (21); Fall 2018 (11); Fall 2017 (32); Fall 2016 (20); Fall 2015 (14); Fall 2014 (19); Fall 2013 (31); Fall 2012 (31); Fall 2011 (29); Fall 2010 (17); Fall 2009 (31); Fall 2008 (26); Fall 2007 (21); Fall 2006 (18); Fall 2005 (17); Fall 2004 (25)

SPHG 352. Public Health Systems and Solutions. The course is designed to help undergraduate public health majors understand and analyze complex health systems and develop the knowledge and skills necessary to develop, implement, and evaluate solutions to public health. This course intentionally brings together *health systems* and *health solutions* and encourages systems thinking, an approach to problem solving that views problems as part of a wider, dynamic system.

Enrollment: Spring 2021 (145); Spring 2020 (119)

MHCH 885/HPM 885, Health Services/Health Policy Research Methods II: The course presents students with an overview of fundamental research methodologies and principles that are widely used by health services and health policy researchers. This course is a graduate-level course.

Enrollment: Spring 2013 (16); Spring 2012 (20)

INDEPENDENT STUDY COURSES:

Global Maternal, Neonatal and Child Health

Fall 2015

Violence against Children in Developing Countries

Spring 2008

GUEST LECTURES:

2018-2019

MHCH 704: Humanitarian MCH: Under-Five Mortality in Refugee and Host Populations

Spring 2019

2017-2018

MHCH 701: Foundations in MCH: Global Under-five Health

Fall 2017

2016-2017

MHCH 702: Foundations in MCH: Infectious versus Non-Infectious Causes of Under-five Mortality

Spring 2017

MHCH 701: Foundations in MCH: Global Under-five Health

Fall 2016

2015-2016

MHCH 702: Foundations in MCH: Infectious Diseases and Child Health Spring 2016
MHCH 701: Foundations in MCH: Global Under-five Health Fall 2015

2014-2015

MHCH 801: Doctoral Seminar: Evaluation of Project Fives Alive! Fall 2014
MHCH 701: Foundations in MCH: Global Under-five Health” Fall 2014

2013-2014

MHCH 801: Doctoral Seminar: Evaluation of Project Fives Alive! Fall 2013
MHCH 701: Foundations in MCH “Global Under-five Health” Fall 2013

2012-2013

MHCH 701: Foundations in MCH “Global Under-five Health” Fall 2012

2011-2012

MHCH 801: Doctoral Seminar: “Gender Equity” Fall 2011
MHCH 701: Foundations in MCH “Global Under-five Health” Fall 2011

2010-2011

MHCH 862: Program Evaluation “Evaluation of Child Survival Interventions” Spring 2011
MHCH 701: Foundations in MCH “International Under-five Health” Fall 2010
PUBH 750: Strategies for Prevention for Clinicians “MDG 5. Maternal Health” Fall 2010

2009-2010

MHCH 862: Program Evaluation “Multi-country Evaluation of IMCI” Spring 2010
MHCH 701: Foundations in MCH “International Under-five Health” Fall 2009

2008-2009

MHCH 862: Program Evaluation “Multi-country Evaluation of IMCI” Spring 2009
MHCH 813: Research Methods “The PLACE Method” Fall 2008
MHCH 701: Foundations in MCH “International Under-five Health” Fall 2008

2007-2008

MHCH 862: Program Evaluation “Multi-country Evaluation of IMCI” Spring 2008
MHCH 701: Foundations in MCH “International Under-five Health” Fall 2007

2006-2007

MHCH 701: Foundations in MCH “International Under-five Health” Fall 2006

2005-2006

MCH 200: MCH for non-majors “International MCH” Spring 2006

2004-2005

MCH 862: Program Evaluation “Evaluating Child Health Programs” Spring 2005

2003-2004

MCH 862: Program Evaluation “Evaluating Child Health Programs”

Spring 2004

Advising:

Postdoctoral Mentor

Ashley Hagaman, Summer 2017-Summer 2019

William Story, Fall 2013-Spring 2015

PhD Dissertation Chair, Department of Maternal and Child Health

Chelsea Ducille, Fall 2019-current. Dissertation Title: TBD

Elizabeth Simmons, Fall 2019-current. Dissertation Title: TBD

Meghan “Tara” Casebolt, Fall 2017-Spring 2021, defended May 2021, My Choice, My Right: Use of Contraceptive and Maternal Health Services by Women with Disabilities in Rajasthan, India

Eunsoo Timothy Kim, Fall 2015-Spring 2019, defended May 2019, Dissertation Title: Drivers of maternal and newborn postnatal care utilization in rural Malawi: a closer look at levels of community health facilities, community awareness, individual perceptions and beliefs, graduated August 2019

Christine Godwin, Fall 2014-Spring 2018, defended April 2018, Dissertation Title: Understanding the Reproductive Health and Relationship Changes in Female Survivors of Ebola, graduated May 2018.

Erica Haney, Fall 2010-Spring 2014, defended April 2014, Dissertation Title: Examining Measures of Instability, Sexual Debut and Depression Screening Among Adolescents in Zimbabwe, graduated May 2014.

Winnie Luseno, Fall 2008-Spring 2012, defended May 2012, Dissertation Title: Individual and Household Level Effects On Child Outcomes in Malawi: A Multilevel Approach, graduated August 2012.

Layla Lavasani, Fall 2010-Spring 2012, defended April 2012, Dissertation Title: Use of Maternal Health and Family Planning Services in Rural Pakistan: Role of the Lady Health Worker, graduated May 2012.

PhD Dissertation Committees, Department of Maternal and Child Health

Hannah Silverstein, Dissertation Title: Household-level disability and ability-differential impacts of cash transfer programs on child-level outcomes

Karar Zunaid Ahsan, defended May 2021, Dissertation Title: Equity in maternal health services use in Bangladesh: An analysis of social gradients, demographic and structural determinants, and major policy changes during the period 2001–2016.

Smisha Kaysin, defended May 2017, Dissertation Title: Do Community Health Worker Programs Improve Coverage of Maternity Services. Evidence from India and Bangladesh.

Kristen Brugh, defended November 2016, Dissertation Title: Impacts of an Unconditional Cash Transfer Program on Household Food and Nutrition Security and Child Health Outcomes, graduated December 2016.

Shane Khan, defended October 2015, Dissertation Title: The Delivery of Postnatal Care and its Association with Newborn Survival and Feeding: A Focus on Africa, graduated December 2015.

Laili Irani, defended August 2012, Dissertation Title: Contraceptive Use in Urban Kenya: A Multi-City Examination of Factors Affecting Contraceptive Use, graduated December 2012.

Martha Skiles, defended May 2012, Dissertation Title: An Equity Analysis of Performance-based Financing in Rwanda, graduated August 2012.

Aiko Hattori, defended April 2011, Dissertation Title: The Effects of Female Education on Health in Rural Bangladesh, graduated May 2011.

Rajeev Colaco (DrPH), defended April 2010, Dissertation Title: Gender Inequality as a Predictor of Higher-Risk Sex among Men in Northern India, graduated May 2010.

PhD Dissertation Committees, Other Departments at the University of North Carolina at Chapel Hill and Other Universities

Sheila Patel, Department of Health Policy and Management. Proposal Defense: Spring 2019.
Dissertation Title: The Influence of Teams On The Impact Of a Multifaceted Quality Improvement Implementation Strategy

Marya Plotkin, Department of Health Policy and Planning. Proposal Defense: Spring 2018.
Dissertation Title: Doppler to improve intrapartum care in Tanzania: Does it reduce perinatal mortality? What does it cost? What are the barriers and facilitators to scale it up?

Jordan Albritton, Department of Health Policy and Management, defended July 2016, Dissertation Title: Implementing Quality Improvement Methods to Reduce Under-5 Mortality: A Team Effectiveness Model.

Leslie Cofie, Department of Health Behavior, defended August 2016, Dissertation Title: Social Network Structural and Functional Characteristics and Health Facility Delivery Among Pregnant Women in Rural Ghana.

Rainier De Vera Masa, School of Social Work, defended January 2016, Dissertation Title: Food Security and Antiretroviral Therapy Adherence Among People Living with HIV in Zambia: A Pilot Study, graduated May 2016.

Carolyn Huang, Department of Public Policy, defended November 2015, Dissertation Title: National Policies and Programs and Child Health and Wellbeing in Africa, graduated December 2015.

Paul Brodish, Department of Public Policy, defended October 2015, Dissertation Title: Three Essays on Wealth and Income Inequality and Population Health in Global and Domestic Contexts, graduated December 2015.

Dennis Matanda, University of Bergen, Norway, defended March 2015, Dissertation Title: Child Physical Growth and Care Practices in Kenya: Evidence from the Demographic and Health Surveys, graduated May 2015.

Amber Peterman, Department of Public Policy, defended March 2009, Dissertation Title: Essays in Maternal Health and Human Rights: Evidence from Sub-Saharan Africa, graduated May 2009.

Undergraduate/Masters Honors Thesis Mentor

Mandy Dailey, School of Journalism, graduated December 2016

Maya Mahin, Department of Global Studies, graduated May 2012

Main Advisor and Primary Reader for Master's Papers of MCH Students

Sree Deepthi, Masters Paper Title: A Study of the Relationship between Maternal Antenatal Attendance and the Adherence to Exclusive Breastfeeding at 6th Month, graduated Spring 2020

Kate Comanici, Masters Paper Title: The Opioid Epidemic and Youth: Implications for Safe Storage and Disposal Practices, graduated Spring 2020

Yovania Dechtiar, Masters Paper: A Systematic Review of the Evidence that Supports Gender Transformative Interventions that Address Violence against Women, graduated Fall 2019

Kate Crissman, Masters Paper Title: A Situation Analysis of Gendered Based Violence among Regional Syrian Refugees in Egypt, Iraq, Lebanon, Jordan and Turkey, graduated Spring 2019

Resham Basnet, Masters Paper Title: Is High BMI in Children Aged 6-17 Years Associated with Poor Poverty Status?, graduated Spring 2018

Lori Hendrickson, Masters Paper Title: The 2017 Honduran Health Alliance Public Health Leader Handbook; graduated Spring 2017

Grace Onyebuchi, Masters Paper Title: Women's Empowerment in Ghana and its Influence on Facility Delivery: A Secondary Data Analysis, graduated Spring 2016.

Eunsoo Timothy Kim, Masters Paper Title: Coverage of Essential Newborn Care for Facility Deliveries in Bangladesh, graduated Fall 2015.

Christina Chauvenet, Masters Paper Title: The Role of Retailers in the Selection of Healthful, Low-Cost Products among WIC Recipients, graduated Fall 2015.

Rachel Gillman, Masters Paper Title: A Leadership Curriculum for Emerging Adults, graduated Spring 2015.

Dilshad Jaff Othman, Masters Paper Title: Targeting Health Care in Armed Conflict and Emergencies: Is it Underestimated?, graduated Spring 2015.

Christine Godwin, Masters Paper Title: Positive Externalities of the Care Group Model for Child Survival, graduated Fall 2014.

Elizabeth Regan, Masters Paper Title: Cervical Cancer Screening: A Meta Analysis, graduated Spring 2013.

Barbara Burke, Masters Paper Title: Characteristics of Urban Women That Influence Their Diffusion of Family Planning Information in Nigeria, graduated Fall 2012.

Alex Collins, Masters Paper Title: Under Recognized Cadres of Human Resources for Health in Africa, graduated Fall 2012.

Comfort Oloronsaiye, Masters Paper Title: Women's Decision-making Autonomy and Childhood Immunization Uptake in Nigeria, graduated Spring 2011.

Allison Zimmerman, Masters Paper Title: A Study of the Relationship Between Women's Autonomy and Family Planning Use in Urban India, graduated Spring 2011.

David Abijola, Masters Paper Title: Postpartum Depression Screening: A Public Health Approach to Achieving Millennium Development Goals, graduated Fall 2009.

Mike Park, Masters Paper Title: The Impact of Child Care on Breastfeeding Duration: Infant Feeding Practices Study, graduated Spring 2009.

Christopher Deery, Masters Paper Title: Secondary Analysis of the 2004 Demographic and Health Survey Data Examining Levels of Consistent Condom Use in Tanzania, graduated Spring 2009.

Elena Lebetkin, Masters Paper Title: Hookworm Infection: An In-depth Examination of Determinants of Infection, Health Impacts on Maternal and Child Populations, and Control and Treatment Programs, graduated Spring 2008.

Christine Bixiones, Masters Paper Title: Breastfeeding Among Indigenous Guatemalan Mothers, graduated Spring 2007.

Kathryn Suyes, Masters Paper Title: An Assessment of Employee Attitudes Towards Breastfeeding in the Workplace, graduated Spring 2007.

Secondary Reader for Master's Papers of MCH Students

Maureen Ezechukwu, Masters Paper Title: Preventative Obstetric Fistula Interventions in Low and Middle Income Countries: A Systematic Review, graduated May 2021

Enam Aidan, Masters Paper Title: Improving Breastfeeding Outcomes through evidence based Perinatal, Labor and Delivery Practices and Continued Home Support in Ghana : A training manual for nurses, midwives and community health workers targeted at Steps 4, 5 and 10 of the Ten (10) steps to successful breastfeeding as listed in the Baby-Friendly Health Initiative, graduated May 2020

Wisnu Trianggano, Masters Paper Title: Institutional Delivery and Neonatal Mortality in Indonesia: A Secondary Data Analysis of the 2012 Indonesia Demographic and Health Survey, graduated Spring 2016.

Gracie Vaughn, Masters Paper Title: A Review of Menstrual Hygiene Management Among School Girls in Sub-Saharan Africa, graduated Spring 2013.

Anna Freeman, Masters Paper Title: Incorporating the WHO guidelines into Nurse Driven HIV Care and Treatment Programs in Sub-Saharan Africa, graduated Spring 2011.

Zahra Reynolds, Masters Paper Title: Increasing Demand for Maternity Services in Developing Countries, graduated Spring 2010.

Rhea Bright, Masters Paper Title: Prevention of Mother-to-Child Transmission of HIV in HIV-Related Proposals Supported by the Global Fund to Fight AIDS, Tuberculosis and Malaria, graduated Spring 2010.

Lauren Maxwell, Masters Paper Title: Evidence for the Importance of Intra-Familial Transmission of HIV in the 2008 Demographic and Health Surveys for Egypt, graduated Spring 2010.

Molly Fitch, Masters Paper Title: Intimate Partner Violence and the Delay of Antenatal Care in Malawi, graduated Spring 2010.

Elizabeth Patton, Masters Paper Title: The Determinants of Current Modern Contraceptive Use in Honduras: A Secondary Analysis in DHS Data, graduated Spring 2008.

Leah Gilbert, Masters Paper Title: Honor Culture and Perceptions of Sexuality: Consequences for Female Sexual Violence Victims, graduated Summer 2008.

Katie Massey, Masters Paper Title: Child Health and Vaccine Strategy in the Dominican Republic, graduated Summer 2008.

Heather Morrow, Masters Paper Title: Special Vulnerability to Women and Girls in Conflict Situations, graduated Spring 2006.

Khatuna Katmadze, Masters Paper Title: Post-Partum Hemorrhage Prevention Interventions for Reducing Maternal Mortality in Developing Countries, graduated Spring 2006.

Mingru Lui, Masters Paper Title: Does the Trained Attendant Help to Improve Infant Survival? graduated Spring 2006.

Secondary Reader for Master's Papers of non-MCH Students

Sudipta Hyder, Masters Paper Title The Role of Maternity Waiting Homes on Maternal and Newborn Health Outcomes in Sub-Saharan Africa: A Systematic Literature Review, graduated December 2020

Faculty Mentor for Competitive Student/Postdoc Fellowships and Awards

Elizabeth Simmons, Fall 2020-current Carolina Population Center Pre-doc Trainee

Chelsea Ducille, Fall 2019-current, Royster Fellowship, Fall 2021-current Carolina Population Center Pre-doc Trainee

Tara Casebolt, Fall 2017-Spring 2018, FLAS Award: Hindi

Christina Chauvenet, Fall 2015-Spring 2017, FLAS Award: Portuguese

Frank Otchere, Fall 2015-present, Carolina Population Center Pre-doc Trainee

Chrissy Godwin, Summer 2014, Intrah Health Summer Internship

Timothy Kim, Fall 2013-Spring 2018, Carolina Population Center Pre-doc Trainee

William Story, Fall 2013-Spring 2015, CPC/NIH Postdoctoral Training Grant

Erica Haney, Fall 2013-Spring 2014, Dissertation Complete Scholarship

Elizabeth Regan, Fall 2012-Spring 2013, FLAS Award: Lingala; Spring 2013 Edem Effiong Memorial Scholarship

Jennifer Fernandes, Fall 2012-Spring 2013, FLAS Award: Portuguese

Mary Paul, Fall 2010-Spring 2011, FLAS Award: Swahili

Joy Williams, Spring 2010, Edem Effiong Memorial Scholarship for Travel, Spring 2010

Winnie Luseno, Spring 2010, The Center for Infant and Young Child Feeding Scholarship

Comfort Oloronsaiye, Spring 2010, John and Sallie Shuping Russell Scholarship

Rajeev Colaco, Fall 2008-Spring 2009, Population Fellows Program, 2008-2009

Mike Park, Spring 2008, The Center for Infant and Young Child Feeding Scholarship

Leah Gilbert, Spring 2007, International Internship Award-Center for Global Initiatives; CDC O.C.

Hubert International Health Fellowship; Katherine Ann Wildman Memorial Scholarship

Elena Lebetkin, Spring 2007, University Center for International Studies Travel Award

Christine Bixiones, Spring 2006, University Center for International Studies Travel Award

CONTRACTS/GRANTS/AWARDS

Ongoing Research Support

4/1/2019-3/31/2024

Capacity Building for the Professional Learner

Funder: WHO Collaborating Center Donor

Role: Co-PI (PI: Peterson)

Total Funding: Undisclosed Amount

9/1/2018-9/1/2023

D4I (Data for Impact)

Funder: United States Agency for International Development

Role: PI for Maternal and Child Health (MCH PI: Singh; Overall PI: Reynolds)
Estimated MCH Funding: \$1.5 million
Total Funding: \$48 million

Completed Research Support

2/1/2020-2/28/2021	Alive and Thrive Impact Evaluation in Nigeria (Endline (Assessment)) Funder: FHI 360 (subcontract to Research Triangle Institute) Role: PI (PI: Singh) Total Funding: \$25,146
8/15/2014-6/2020	MEASURE (Core) Evaluation Phase IV Funder: United States Agency for International Development Role: PI for Maternal and Child Health (MCH PI: Singh, overall PI: Thomas) MCH Funding: \$1.6 millions Total Funding: \$180 million
1/20/2016-12/31/2019	Evaluation of a Maternal and Newborn Quality Improvement Project in Ethiopia Funder: The Bill & Melinda Gates Foundation (subcontract to the Institute for Healthcare Improvement) Role: PI (PI:Singh) Total Funding: \$440,728
1/20/2016-12/31/2019	Evaluation of a Maternal and Newborn Quality Improvement Project in Pastoral Ethiopia Funder: The Cargill Foundation (subcontract to the Institute for Healthcare Improvement) Role: PI (PI:Singh) Total Funding: \$130,000
4/1/2016-3/31/2018	Alive and Thrive Impact Evaluation in Nigeria (Baseline (Assessment)) Funder: FHI 360 (subcontract to Research Triangle Institute) Role: PI (PI: Singh) Total Funding: \$57,285
8/1/2016-3/31/2018	Improving Community Outcomes in Maternal and Child Health Initiative Funder: North Carolina Department of Public Health Role: co-investigator (PI: Tucker)

Total Funding: \$225,000

1/1/2015-8/30/2017 **The Safe Motherhood Project in Malawi**
Funder: The Bill & Melinda Gates Foundation
Role: co-investigator (PI: Phoya/Stringer)
Total Funding: \$7,994,469

7/1/2016-6/30/2017 **Understanding the Impact of Stigma on Female Survivors of Ebola**
Funder: Carolina Women’s Center
Role: PI (PI: Singh)
Total Funding: \$10,000

7/1/2016-6/30/2017 **Understanding the Impact of Stigma on Sexual Behavior and Relationships of Female Survivors of Ebola**
Funder: Explorations in Global Health (UNC Institute for Global Health & Infectious Diseases)
Role: PI (PI: Singh)
Total Funding: \$8,000

11/1/2011-12/31/2015 **Evaluation of Maternal and Newborn Referrals in Ghana**
Funder: The Bill & Melinda Gates Foundation (subcontract to the Institute for Healthcare Improvement)
Role: PI (PI:Singh)
Total Funding: \$829,606

7/1/2010-12/31/2015 **Evaluation of Project Fives Alive! Ghana**
Funder: The Bill & Melinda Gates Foundation (subcontract to the Institute for Healthcare Improvement)
Role: PI (PI: Singh)
Total Funding: \$798,269

8/15/2008-8/14/2014 **MEASURE (Core) Evaluation Phase III**
Funder: United States Agency for International Development
Role: PI for Maternal and Child Health (MCH PI: Singh, overall Curtis)
MCH Funding: \$2 million
Total Funding: \$180 million

7/2011-12/2011 **Healthy and Secure 0-2 Year Olds**
Funder: ChildFund
Role: PI on Child Status Index Specific Work (Overall PI: Bentley)
Total Funding: \$268,000

7/2009-8/2011 **AIDS, Population, Health and Integrated Assistance (APHIA) Kenya**

Funder: United States Agency for International Development
Role: PI on Venue-based Voluntary Counseling and Testing Study (Overall PI: Curtis/Hyslop)

Total Funding: \$450,000 for Venue-based Counseling and Testing Study

12/2006-12/2007

Adolescent Girls, Young Women and HIV Interventions

Funder: UNICEF Zimbabwe

Role: co-PI (PI: Singh/Weir)

Total Funding: \$60,000

7/2003-7/2008

MEASURE Evaluation Phase II:

Funder: United States Agency for International Development

Role: co-investigator (PI: Curtis)

Total Funding: \$89 million

PROFESSIONAL SERVICE AND ENGAGEMENT

Department of Maternal and Child Health

2020-present	MCH DEI Curriculum Co-Lead
2018-present	MCH Academic Leadership Committee
2018-present	MCH Masters Committee co-lead
2014-2018	MCH Doctoral Committee
2014-2015	MCH Department Chair Search Committee
2007-2008	MCH Research Assistant Professor at WHO Search Committee

School of Global Public Health

2019	Environment Sciences Faculty Search Committee
2018-present	MCFH Concentration co-lead
2016-2017	SPH MPH Core Implementation and Evaluation Committee
2014-2015	SPH Online Global MPH
2011	Global Case Competition Mentor
2007-2008	Working Group on Infant and Young Child Feeding

UNC

2019	Carolina Women's Center Scholar Reviewer
2016-2019	Carolina Population Center Training Committee
2014-2016	Carolina Population Center Summer Internship Mentor
2013	Reviewer for Faculty Global Explorations Grant
2009	Fulbright Review Committee
2005-2006	Carolina Covenant Mentor

National and International Consultations/Technical Working Groups

2021-current	World Health Organization's Mother and Newborn Information for Tracking Outcomes and Results (MoNITOR) Technical Advisory
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2021-current	USAID's Office of Maternal and Child Health and Nutrition (MCHN) Communications Working Group (CWG)
2017	MEASURE Evaluation Sponsored Technical Consultation on Obstetric Ultrasound in Low and Middle Income Countries
2017-2018	World Health Organization's Mother and Newborn Information for Tracking Outcomes and Results (MoNITOR) Technical Advisory
2016	Every Newborn Action Plan Protocol Planning Working Group
2015	MEASURE Evaluation Sponsored Technical Consultation on Newborn Resuscitation
2014	MEASURE Evaluation Sponsored Workshop on Estimating Maternal Mortality from Census Data
2010-2014	Saving Newborn Lives Health Facility Indicator Working Group

Faculty Engagement

2019-present	Training professionals in low and middle income countries on monitoring and evaluation strategies
2014-present	Provision of technical guidance to global organizations on the measurement of maternal and newborn health indicators.
2014-2017	Organization of workshops and technical consultations on maternal and child health issues which brought together leading experts in their field

Academic Editor

PloS One

Reviewer for the following:

AIDS and Behavior
AIDS Care
African Journal of AIDS Research
African Journal of Reproductive Health
Applied Health Economics and Health Policy
BMC Health Services Research
BMC Pregnancy and Childbirth
BMC Public Health
BMC Journal of Reproductive Health
BMC Research Notes
BMC Women's Health
Drug and Alcohol Dependence
Global Health Research and Policy
Global Social Welfare
Health Policy and Planning
International Journal for Quality in Healthcare
Journal of Global Health
Journal of Health, Population and Nutrition
Journal of Social Aspects of HIV
Lancet Global Health
Maternal and Child Health Journal

PloS One
Population Development and Policy Review
Sexually Transmitted Infections
Social Science and Medicine
Studies in Family Planning

Updated: May 27, 2021