

Courtney K Allen

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Seattle, Washington, USA

website: courtneykirsten.github.io**RESEARCH INTERESTS**

population health
medical sociologyhealthcare access
archival datamigration
population & environment**EDUCATION**

- 2020 – *PhD student, Sociology,*
University of Washington
- 2022 – *Affiliate PhD student, Population, Health, and Data Science*
Max Planck Institute for Demographic Research (MPIDR-PHDS)
- 2016 *MSc. Demography and Health,*
London School of Hygiene and Tropical Medicine
Thesis: “The association of migration and comprehensive HIV knowledge in Malawian women: an analysis of Demographic and Health Surveys data”
- 2015 *B.S. Public Health,*
University of Colorado Denver
Minor: Demography

RESEARCH EXPERIENCE

- 2021 – **Research Assistant**
Center for Studies in Demography and Ecology, PI: Sara Curran
- 2020 **Research Assistant**
University of Washington, PI: Zack Almquist
- 2020 – **Senior Research Data Analyst**
2017 – 2020 **Research Data Analyst**
The Demographic and Health Surveys (DHS) Program, ICF, Rockville, Maryland
- 2017 **Research Assistant**
University of Colorado Denver
- 2015 **Field Research Assistant**
University of Colorado Denver, Balaka, Malawi, 2-month fixed-term position
Tsogolo la Thanzi longitudinal study <http://tsogololathanzi.uchicago.edu>

OTHER WORK EXPERIENCES THAT SHAPED MY SOCIOLOGICAL IMAGINATION

- 2010 – 2013 **Certified Nursing Assistant** – Denver Health and Hospitals Authority
- 2010 – 2011 **Intern Case Manager** – Denver Rescue Mission
- 2009 – 2010 **Rehabilitation Tech** – Craig Hospital, Spinal Cord Injury Unit
- 2008 **Certified Nursing Assistant** – Little Sisters of the Poor Nursing Home

PEER-REVIEWED PUBLICATIONS

- 2021 MacQuarrie, Kerry LD, **Courtney Allen**, Alison Gemmill. "Demographic and Fertility Characteristics of Contraceptive Clusters in Burundi." *Studies in Family Planning*. 2021. 52(4), pp.415-438. <https://doi.org/10.1111/sifp.12179>
- 2019 Wang, Wenjuan, Lindsay Mallick, **Courtney Allen**, and Thomas Pullum. "Effective coverage of facility delivery in Bangladesh, Haiti, Malawi, Nepal, Senegal, and Tanzania." *PloS one*. 2019. 14(6): e0217853. <https://doi.org/10.1371/journal.pone.0217853>
- Mallick, Lindsay, Jennifer Yourkavitch, and **Courtney Allen**. "Trends, determinants, and newborn mortality related to thermal care and umbilical cord care practices in South Asia." *BMC Pediatrics* 2019. 19: 248. <https://doi.org/10.1186/s12887-019-1616-2>

MANUSCRIPTS IN PREPARATION

- Submitted* **Allen, Courtney**, Shireen Assaf, Sorrel Namaste, and Rukundo K. Benedict. "Estimates and trends of zero vegetable or fruit consumption among children aged 6-23 months in 64 countries".
- In preparation* **Allen, Courtney** and Sara Yeatman. "Describing Marital Dynamics in Lower and Middle-Income Countries with Underutilized Demographic and Health Surveys Data".

OTHER PUBLICATIONS

- 2022 Almquist, Zack, İhsan Kahveci, **Courtney Allen** (accepted). "Computational Demography and Health." In: Handbook of Computational Social Science. Edward Elgar Publishing.
- 2020 **Allen, Courtney K.**, Julia Fleuret, Jehan Ahmed. 2020. *Data Quality in Demographic and Health Surveys That Used Long and Short Questionnaires*. DHS Methodological Reports No. 30. Rockville, Maryland, USA: ICF. <https://dhsprogram.com/pubs/pdf/MR30/MR30.pdf>
- Mallick, Lindsay, Rukundo K. Benedict, **Courtney Allen**, and Bradley Janocha. 2020. *Proposal of a Quality of Care Index (QOCI)*. DHS Methodological Report No. 29. Rockville, Maryland, USA: ICF. <https://dhsprogram.com/pubs/pdf/MR29/MR29.pdf>
- Pullum, Thomas W., **Courtney Allen**, Sorrel Namaste, and Trevor Croft. 2020. *The Sensitivity of Anthropometric Estimates to Errors in the Measurement of Height, Weight, and Age for Children Under Five in Population-Based Surveys*. DHS Methodological Reports No. 28. Rockville, Maryland, USA: ICF. <https://dhsprogram.com/pubs/pdf/MR28/MR28.pdf>
- Juan, Christina, **Courtney Allen**, and Kerry L. D. MacQuarrie. 2020. *Associations between Women's Current Contraceptive Method Decision Making and their Reproductive Calendar Histories in Burundi*. DHS Working Paper No.

172. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/WP172/WP172.pdf>

MacQuarrie, Kerry L.D., **Courtney Allen**, and Alison Gemmill. 2020. *Fertility and Family Planning Characteristics of Contraceptive Clusters in Burundi*. DHS Working Paper No. 171. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/WP171/WP171.pdf>

Allen, Courtney, Aysha Sheraz, and Tesfayi Gebreselassie. 2020. Trends in Internal Migration and Women's Empowerment in Pakistan, 2012-2018. DHS Further Analysis Reports No. 130. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/FA130/FA130.pdf>

2019

Allen, Courtney K., Trevor N. Croft, Thomas W. Pullum and Sorrel M. L. Namaste. *Evaluation of Indicators to Monitor Quality of Anthropometry Data during Fieldwork*. DHS Working Papers No. 162. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/WP162/WP162.pdf>

Contributor. Ghana Statistical Service (GSS), Ghana Health Service (GHS), and ICF. 2019. 2017 *Ghana Maternal Health Survey Research Policy Briefs*. Accra, Ghana: GSS, GHS, and ICF.

MacQuarrie, Kerry L. D., Christina Juan, **Courtney Allen**, Sally Zweimueller, and Alison Gemmill. 2019. *Women's Contraceptive Profiles throughout the Life Course in Burundi and Nepal*. DHS Analytical Studies No. 72. Rockville, Maryland, USA: ICF. <https://dhsprogram.com/pubs/pdf/AS72/AS72.pdf>

Yeatman, Sara and **Courtney Allen**. "The dynamics of fertility preferences in southern Malawi." In *Le dividend démographique en Afrique subsaharienne*. (Edited by Daniel Delauney and Jean-Pierre Guengant). Université Paris 1 Pantheon Sorbonne. March 2019. http://horizon.documentation.ird.fr/exl-doc/pleins_textes/divers19-03/010075081.pdf

2018

Mallick, Lindsay, Jennifer Yourkavitch and **Courtney Allen**. *Thermal care and umbilical cord care practices and their associations with newborn mortality*. DHS Analytical Reports No. 68. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/AS68/AS68.pdf>

Croft, Trevor and **Courtney Allen**. *DHS Contraceptive Calendar Tutorial*. Rockville, Maryland, USA: ICF International. September 2018
<https://www.dhsprogram.com/data/calendar-tutorial/>

Croft, Trevor N., Aileen M. J. Marshall, **Courtney K. Allen**, et al. *Guide to DHS Statistics*. Rockville, Maryland, USA: ICF.
<https://www.dhsprogram.com/pubs/pdf/DHSG1/Guide to DHS Statistics DHS-7.pdf>

Wang, Wenjuan, Lindsay Mallick, **Courtney Allen**, and Tom Pullum. *Effective Coverage of Facility Delivery in Bangladesh, Haiti, Malawi, Nepal, Senegal, and Tanzania*. DHS Analytical Studies No. 65. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/AS65/AS65.pdf>

Mallick, Lindsay, **Courtney Allen**, and Rathavuth Hong. *Trends in Maternal and Child Health in Cambodia, 2000-2014. Further Analysis of the 2000, 2005, 2010, and 2014 Cambodia Demographic and Health Surveys*. DHS Further Analysis Reports No. 106. Rockville, Maryland, USA: ICF
<https://dhsprogram.com/pubs/pdf/FA106/FA106.pdf>

2017 MacQuarrie, Kerry L.D., Lindsay Mallick, and **Courtney Allen**. *Sexual and Reproductive Health in Early and Later Adolescence: DHS Data on Youth Age 10-19*. DHS Comparative Reports No. 45. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/CR45/CR45.pdf>

Wang, Wenjuan, Sarah Staveteig, Rebecca Winter, and **Courtney Allen**. *Women's Marital Status, Contraceptive Use, and Unmet Need in Sub-Saharan Africa, Latin America, and the Caribbean*. DHS Comparative Reports No. 44. Rockville, Maryland, USA: ICF. <https://dhsprogram.com/pubs/pdf/CR44/CR44.pdf>

CONFERENCE PARTICIPATION

2022 **Allen, Courtney (discussant)**. Session no. 57, Computational Demography, Machine Learning, and Algorithmic Bias.

2021 **Allen, Courtney (poster)**, Aysha Sheraz, Tesfayi Gebreselassie. "Internal migration and women's empowerment in Pakistan." **Originally declined to present in virtual PAA 2020 (COVID-19)**

2019 **Allen, Courtney (presenter)** and Sara Yeatman. "Describing Marital Dynamics in Lower and Middle-Income Countries with Underutilized Demographic and Health Surveys Data". Presentation at Population Association of America Conference, Austin, TX, April 2019.

Allen, Courtney (poster), Lindsay Mallick, and Rathavuth Hong. "Stunting Trends in Children in Cambodia, 2000-2014." Poster presented at American Society of Nutrition Conference, Baltimore, MD, June 2019.

Mallick, Lindsay, **Courtney Allen (poster)**, and Rathavuth Hong. "Trends and Inequalities in Maternal Health in Cambodia, 2000-2014." Poster presented at Population Association of America Conference, Austin, TX, April 2019.

2018 **Allen, Courtney (poster)**, Kerry MacQuarrie, and Lindsay Mallick. "Marital indicators characterizing youth Age 10-19 using DHS data." Poster presented at Population Association of America Conference, Denver, CO, April 2018

MacQuarrie, Kerry, Lindsay Mallick, and **Courtney Allen (poster)**. "Contraceptive Use among Adolescents Age 10-19: Estimates from DHS Calendar Data." Poster presented at Population Association of America Conference, Denver, CO April 2018

TEACHING EXPERIENCE

2022 summer Instructor, **SOC 331 Population and Society**, University of Washington.

- 2019 Lead facilitator, **Ghana Maternal Health Survey Analysis and Policy Brief Writing Workshop**, The DHS Program. Ada Foah, Ghana. May 2019
- 2018 Lead facilitator, **Indonesia DHS Complex Indicators Workshop**, The DHS Program. Jakarta, Indonesia. November 2018
- Co-facilitator, **Tanzania SPA Further Analysis Workshop**, The DHS Program. Zanzibar, Tanzania. July 2018
- Co-facilitator, **Nepal Sub-Regional DHS Further Analysis Workshop**, The DHS Program. Pokhara, Nepal. January 2018

SCHOLARSHIPS & AWARDS

- 2020 – 2021 Top Scholar Fellowship, University of Washington
- 2015 First place scholarship, Colorado School of Public Health Case Competition

PROFESSIONAL SERVICE

- 2021 Global Health Science and Practice, Reviewer
- 2020-present Graduate Student Association, University of Washington, Sociology Department

PROFESSIONAL AFFILIATIONS

- Population Association of America, 2017—present
- American Sociological Association, 2020—present
- Interdisciplinary Association for Population Health Science, 2021

SOFTWARE SKILLS

R, Stata, NVivo