


# Courtney K Allen

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I am a current PhD student at the University of Washington, trained in demographic methods and have a background in global health research. With four years of research experience, my research has covered a broad array of health topics using Demographic and Health Survey data. While working towards my PhD I will be focusing on advancing my quantitative and theoretical base to pursue population health research with an intersectional lens.

## RESEARCH INTERESTS

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### **Recent research areas include:**

health facility readiness	effective coverage	maternal and child health
health inequalities	migration	data quality
marriage dissolution	Contraceptive Calendar data	female empowerment

### **Other interests include:**

healthcare access	post-disaster/conflict demographic change
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## EDUCATION

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2020 – present	<i>MA/PhD Sociology in progress</i> , University of Washington
2016	<i>MSc. Demography and Health</i> , 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	<i>B.S. Public Health</i> , University of Colorado Denver Minor: Demography

## RESEARCH EXPERIENCE

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2020 – present	<b>Senior Research Data Analyst</b>
2017 – 2020	<b>Research Data Analyst</b> The Demographic and Health Surveys (DHS) Program, ICF, Rockville, Maryland
2017	<b>Research Assistant</b> University of Colorado Denver
2015	<b>Field Research Assistant</b> University of Colorado Denver, Balaka, Malawi, 2-month fixed-term position <i>Tsogolo la Thanzi longitudinal study</i> <a href="http://tsogololathanzi.uchicago.edu">http://tsogololathanzi.uchicago.edu</a>

## OTHER EXPERIENCE

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2013 – 2015	<b>Service Coordinator</b> – Aviation and Government Services at HSS
2010 – 2013	<b>Certified Nursing Assistant</b> – Denver Health and Hospitals Authority
2010 – 2011	<b>Intern Case Manager</b> – Denver Rescue Mission
2009 – 2010	<b>Rehabilitation Tech</b> – Craig Hospital, Spinal Cord Injury Unit
2008	<b>Certified Nursing Assistant</b> – Little Sisters of the Poor Nursing Home

PEER-REVIEWED PUBLICATIONS

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- 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>

OTHER PUBLICATIONS

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- 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](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](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>

## MANUSCRIPTS IN PREPARATION

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**Allen, Courtney** and Sara Yeatman (in preparation). "Describing Marital Dynamics in Lower and Middle-Income Countries with Underutilized Demographic and Health Surveys Data".

## PRESENTATIONS

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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.

## POSTERS

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

2019 **Allen, Courtney (presenter)**, 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 (presenter)**, 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 (presenter)**, 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 (presenter)**. "Contraceptive Use among Adolescents Age 10-19: Estimates from DHS Calendar Data." Poster presented at Population Association of America Conference, Denver, CO April 2018

## WORKSHOP FACILITATION

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2019 Lead facilitator, *Ghana Maternal Health Survey Analysis and Policy Brief Writing Workshop*  
Ada Foah, Ghana. May 2019

2018 Lead facilitator, *Indonesia DHS Complex Indicators Workshop*  
Jakarta, Indonesia. November 2018

Co-facilitator, *Tanzania SPA Further Analysis Workshop*,  
Zanzibar, Tanzania. July 2018

Co-facilitator, *Nepal Sub-Regional DHS Further Analysis Workshop*  
Pokhara, Nepal. January 2018

## SCHOLARSHIPS & AWARDS

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2020            Top Scholar Fellowship, University of Washington  
2015            First place scholarship in the Colorado School of Public Health Case Competition

## PROFESSIONAL AFFILIATIONS

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Population Association of America, 2017—present

## SOFTWARE SKILLS

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Advanced: Stata, Microsoft Office, SharePoint  
Moderate: SPSS  
Beginner: R, Berkeley Madonna Modelling Software, Tableau