

Courtney K Allen

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Researcher trained in demographic methods with four years of experience. Recent research areas include maternal and child health, migration, anthropometry data quality, marriage, effective coverage, facility readiness, family planning, and DHS Contraceptive Calendar data. Other interests include post-disaster demographic change, quantitative methods, and mobility of disease.

RESEARCH EXPERIENCE

- June 2017 – Present **Research Associate** – The Demographic and Health Surveys (DHS) Program, ICF Rockville, Maryland
- Conduct multi-country analyses to create descriptive, analytical, and technical reports on maternal and child health, nutrition, population-level health indicators, and data quality.
 - Design and lead capacity-strengthening workshops in Low and Middle-Income countries that focus on analysis of DHS data using Stata, creating and interpreting indicators, and writing policy briefs (workshop experience in Ghana, Indonesia, Tanzania, and Nepal).
 - 2018 – Rookie of the Year for International Health and Development

- Jan.–June 2017 **Research Assistant** – University of Colorado Denver
Denver, Colorado
- Performed quantitative data analysis in Stata and prepared descriptive reports of fertility measures and marriage estimates.

- May–July 2015 **Field Research Assistant** – University of Colorado Denver
Tsogolo la Thanzi longitudinal study <http://tsogololathanzi.uchicago.edu>
Balaka, Malawi, 2-month fixed-term position
- Maintained and tracked translation and content changes to a women's and men's version of an individual questionnaire.
 - Trained interviewers and evaluated interviews during field pilots of surveys.

OTHER EXPERIENCE

- Dec. 2014–May 2015 **Service Coordinator** – Aviation and Government Services at HSS
Sep. 2010–Dec. 2014 **Certified Nursing Assistant** – Denver Health and Hospitals Authority
Sep. 2010–Feb. 2011 **Intern Case Manager** – Denver Rescue Mission
Apr. 2009–Mar. 2010 **Rehabilitation Tech** – Craig Hospital
Jun. 2008–Sept. 2009 **Certified Nursing Assistant** – Little Sisters of the Poor Nursing Home

EDUCATION

- 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

PEER-REVIEWED PUBLICATIONS

- 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

- 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>
- 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>

MANUSCRIPTS IN PREPARATION

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

PRESENTATIONS

- 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

- 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

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

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

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

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

AWARDS

2015 First place scholarship in the Colorado School of Public Health Case Competition

PROFESSIONAL AFFILIATIONS

Population Association of America, 2017—present

SOFTWARE SKILLS

Proficient: Stata, Microsoft Office, SharePoint

Moderate: SPSS

Beginner: R, Berkeley Madonna Modelling Software

EXPERIENCE IN INTERNATIONAL SETTINGS

United Kingdom, Ghana, Tanzania, Malawi, Haiti, Indonesia, and Nepal