

Courtney K Allen

PhD Candidate

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Seattle, Washington, USA

RESEARCH INTERESTS

population health • demography • population & environment • mixed methods

EDUCATION

- 2020 – present *PhD Candidate*, Sociology, University of Washington
Dissertation: Hospital Desegregation: A Case of Resistance and Compliance with Deadly Consequences
Committee: Sara Curran (Chair), Jelani Ince, Patrick Greiner, Kyle Crowder, LaTonya Trotter (Graduate Student Representative)
Qualifying Exam Fields: Organizational Power and Inequality, Medical Sociology, Critical Demography
- 2022 – present *Affiliate PhD student*
 Population, Health, and Data Science at Max Planck Institute for Demographic Research (MPIDR-PHDS), Advisor: Marcus Ebeling
- 2016 *MSc. Demography and Health*, London School of Hygiene and Tropical Medicine
- 2015 *B.S. Public Health*, University of Colorado Denver
 Minor: Demography

PEER-REVIEWED PUBLICATIONS

- 2024 Reosti, Anna, Chris Hess, **Courtney Allen**, & Kyle Crowder. (2024). "Mom-and-Pop" Landlords and Regulatory Backlash: A Seattle Case Study. *Socius*, 10. <https://doi.org/10.1177/23780231241296169>
- 2023 **Allen, Courtney**, Shireen Assaf, Sorrel Namaste, and Rukundo K. Benedict. 2023. "Estimates and Trends of Zero Vegetable or Fruit Consumption among Children Aged 6–23 Months in 64 Countries." *PLOS Global Public Health* 3(6):e0001662. doi: [10.1371/journal.pgph.0001662](https://doi.org/10.1371/journal.pgph.0001662).
- 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>
 *Among TOP DOWNLOADED PAPERS in this journal for 2021
- 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>

BOOK CHAPTERS

2023 Almquist, Zack W., Courtney Allen, and Ihsan Kahveci. "Book Chapter in Computational Demography and Health." arXiv preprint arXiv:2309.13056 (2023).
<https://arxiv.org/abs/2309.13056>

MANUSCRIPTS IN PREPARATION

Allen, Courtney, "Revisiting Hospital Desegregation and Hospital Holdouts: Which, When, and Where. Mississippi 1965-1970".

Allen, Courtney and Marcus Ebeling, "The Racial Mortality Gap after Hospital Desegregation".

Allen, Courtney, Jeff Vincent, Yi Wang, Kaichao Chang, Susana Adamo, and Sara Curran. "Reforestation and Age Structure in Low-and-Middle-Income Countries". For submission to *Nature Climate Change*

Ann Bostrom, Sara Curran, Sameer Shah, **Courtney Allen**, Desiree Salais, Masha Vernik. "Mobility, migration, and displacement in environmental hazards: Integrating demography, population health, and hazards research practices". For submission to *Global Environmental Change*

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

AWARDS & RESEARCH SUPPORT

2025
 NIH T32 Data Science Training in Demography and Population Health Training Grant..... \$28,788
 Russell Sage Foundation Dissertation Research Grant..... \$15,000
 Spring Research Fund Award, University of Washington, Sociology.....\$2,000

2024
 NIH T32 Data Science Training in Demography and Population Health Training Grant..... \$28,224
 Center for Statistics and the Social Sciences (CSSS) Travel Award\$1000

2023
 Spring Research Fund Award, University of Washington, Sociology.....\$500

2020

Top Scholar Fellowship, University of Washington \$21,924

2015

First place scholarship, Colorado School of Public Health Case Competition\$500

OTHER PUBLICATIONS & REPORTS

- 2022 Assaf, Shireen, Rukundo Benedict, and **Courtney Allen**. 2022. *Electrification and Refrigeration: Association with Child Nutrition and Vaccination*. DHS Analytical Report No. 85. Rockville, Maryland, USA: ICF.
<https://dhsprogram.com/pubs/pdf/AS85/AS85.pdf>
- 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. <https://dhsprogram.com/pubs/pdf/PB14/PB14.pdf> (publication result of teaching experience on pg. 4)

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." Working paper submitted to Monographies Sud-Nord, 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](https://www.dhsprogram.com/pubs/pdf/DHSG1/Guide%20to%20DHS%20Statistics%20DHS-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

- 2025 **Allen, Courtney (presentation)**. “The racial mortality gap after hospital desegregation: The case of Mississippi”, Session no. 81, Historical Policies and Health *Population Association of America*, Washington, DC, April 2025
- 2024 **Allen, Courtney (presentation)**, “Hospital Desegregation in Mississippi, 1965-1970”, Session no 2. Health, Resistance, Discrimination, and the State. *Society for the Social History of Medicine Biennial Conference*, Glasgow, UK, July 2024
- Allen, Courtney (poster)**, Vincent, J., Adamo, S., Wang, Y., Curran, S., Chang, K. “Reforestation and Age Structure in Low-and-Middle-Income Countries”. Poster session P05: Neighborhoods, Environment, Spatial Demography, and Data and Methods. *Population Association of America*, Columbus, OH. April 2024.
*Best Poster Winner!
- 2023 **Allen, Courtney (presentation)**. “Hospital desegregation and Population Health”, Session no. 90, Public Health and Population Health. Social History Association, Washington, DC, November 2023
- Allen, Courtney (presentation)**. “Hospital desegregation and the changing access to hospital beds in Mississippi”, Session no. 165, Structural and Institutional Determinants of Health Inequities: How Do Geographic and Institutional Segregation Matter for Population Health? *Population Association of America*, New Orleans, LA, April 2023
- Anna Reosti, American Bar Foundation; Chris Hess, Kennesaw State University; **Courtney Allen (presenter)**, University of Washington; Kyle Crowder, University of Washington Allen. “How Do Landlords Respond to Tenant Protection Regulations?”. Session no. 60, Community Responses to Social, Cultural, and Economic Equity in the City. *Pacific Sociological Association*, Bellevue, WA, March 2023
- 2022 **Allen, Courtney (discussant)**. Session no. 57, Computational Demography, Machine Learning, and Algorithmic Bias. *Population Association of America*, Atlanta, GA, April 2022
- 2021 **Allen, Courtney (poster)**, Aysha Sheraz, Tesfayi Gebreselassie. “Internal migration and women's empowerment in Pakistan.” *Population Association of America*, Virtual Conference, April 2021

- 2019 **Allen, Courtney (presenter)** and Sara Yeatman. "Describing Marital Dynamics in Lower and Middle-Income Countries with Underutilized Demographic and Health Surveys Data". *Population Association of America*, Austin, TX, April 2019
- Allen, Courtney (poster)**, Lindsay Mallick, and Rathavuth Hong. "Stunting Trends in Children in Cambodia, 2000-2014." *Poster 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." *Population Association of America*, Austin, TX, April 2019
- 2018 **Allen, Courtney (poster)**, Kerry MacQuarrie, and Lindsay Mallick. "Marital indicators characterizing youth Age 10-19 using DHS data." *Population Association of America*, Denver, CO, April 2018
- MacQuarrie, Kerry, Lindsay Mallick, and **Courtney Allen (poster)**. "Contraceptive Use among Adolescents Age 10-19: Estimates from DHS Calendar Data." *Population Association of America*, Denver, CO April 2018

RESEARCH EXPERIENCE

- 2021 – 2025 **Research Assistant**, Center for Studies in Demography and Ecology, PI: Sara Curran
- 2020 **Research Assistant**, University of Washington, PI: Zack Almquist
- 2017 – 2025 **Senior Research Data Analyst**, The Demographic and Health Surveys (DHS) Program, ICF, Rockville, Maryland
- 2017 **Research Assistant**, University of Colorado Denver, PI: Sara Yeatman
- 2015 **Field Research Assistant**, University of Colorado Denver, Balaka, Malawi, 2-month fixed-term position. *Tsogolo la Thanzi longitudinal study* <http://tsogololathanzi.uchicago.edu>

TEACHING EXPERIENCE

As Instructor

SOC 331 Population and Society

Workshops with The DHS Program

Ethiopia Surveillance Provisions Assessment (SPA) Workshop, Bishoftu, Ethiopia. 2023

Ghana Maternal Health Analysis and Policy Brief Writing Workshop, Ada Foah, Ghana. 2019

Indonesia DHS Complex Indicators Workshop, The DHS Program. Jakarta, Indonesia. 2018

Tanzania SPA Further Analysis Workshop, The DHS Program. Zanzibar, Tanzania. July 2018

Nepal Sub-Regional DHS Further Analysis Workshop, The DHS Program. Pokhara, Nepal. 2018

PROFESSIONAL SERVICE

2021	Global Health Science and Practice, <i>Reviewer</i>
2021	Interdisciplinary Association for Population Health Science Conference, <i>Poster Judge</i>
2023-2024	Context Working Group Organizer
2020-2025	Graduate Student Association, University of Washington, Sociology Department
2024-2025	<i>Representative to the Admission Committee & Representative to the Graduate Program Committee</i>
2023-2024	<i>Representative to the Chair</i>
2022-2023	<i>GSA Executive Committee</i>
2021-2022	<i>Representative to the Graduate and Professional Student Senate</i>
2020-2021	<i>Committee on the Graduate Student Research Symposium</i>

PROFESSIONAL AFFILIATIONS

2017-present	Population Association of America
2020-22; 2025	American Sociological Association
2023	Social Science Historical Association
2021	Interdisciplinary Association for Population Health Science

SOFTWARE AND PLATFORM SKILLS

Proficient in R and Stata for data analysis and visualization; Experienced in NVivo for qualitative analysis; Proficient in Git and GitHub for project management and data analysis repositories; Knowledgeable in Python for data analysis

REFERENCES

Dr. Sara Curran, scurran@uw.edu
 Professor of Sociology
 University of Washington, Seattle, WA

Dr. Kyle Crowder, kylecrow@uw.edu
 Professor of Sociology
 University of Washington, Seattle, WA

Dr. Jelani Ince, jince@uw.edu
 Assistant Professor of Sociology
 University of Washington, Seattle, WA

Dr. Patrick Greiner, ptgrein@uw.edu
 Assistant Professor of Sociology
 University of Washington, Seattle, WA

Dr. Marcus Ebeling, ebeling@demogr.mpg.de
 Department Head, Population Health
 Max Planck Institute for Demographic Research, Rostock, Germany