

Courtney K Allen

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courtneykirsten.github.io

RESEARCH INTERESTS

demography • medical sociology • population health • methods
healthcare access • archival data • population & environment

EDUCATION

- 2020 – present **PhD Candidate, Sociology**, University of Washington
Dissertation: Revisiting the Narrative of Hospital Desegregation and Finding Hospital Holdouts
Committee: Sara Curran (Chair), Jelani Ince, Patrick Greiner, Kyle Crowder; Graduate School Representative: LaTonya Trotter (Bioethics and Humanities Department)
Graduate Certificates: Demographic Methods, Statistics for the Social Sciences
Qualifying Exam Fields: Organizational Power and Inequality, Medical Sociology, Critical Demography
- 2022 – present **Affiliate PhD student, Population, Health, and Data Science**
Max Planck Institute for Demographic Research (MPIDR-PHDS)
- 2015 – 2016 **MSc. Demography and Health**, London School of Hygiene and Tropical Medicine
- 2011 – 2015 **B.S. Public Health**, University of Colorado Denver
Minor: Demography

PEER-REVIEWED PUBLICATIONS & BOOK CHAPTERS

- 2024 Reosti, A., Hess, C., **Allen, C.**, & Crowder, K. (2024). “Mom-and-Pop” Landlords and Regulatory Backlash: A Seattle Case Study. *Socius*, 10. <https://doi.org/10.1177/23780231241296169>
- 2023 Almquist, Zack W., **Courtney Allen**, and Ihsan Kahveci. Computational Demography and Health (Book Chapter). *Handbook of Computational Science*, forthcoming 2025. arXiv preprint arXiv:2309.13056 (2023). <https://arxiv.org/abs/2309.13056>
- Allen, Courtney K.**, 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>

MANUSCRIPTS IN PREPARATION

- In preparation **Allen, Courtney**, "Revisiting Hospital Desegregation and Hospital Holdouts: Which, When, and Where. Mississippi 1965-1970".
- In preparation **Allen, Courtney** and Marcus Ebeling, "The Racial Mortality Gap after Hospital Desegregation".
- In preparation **Allen, Courtney**, Vincent, J., Adamo, S., Wang, Y., Curran, S., Chang, K. "Reforestation and Age Structure in Low-and-Middle-Income Countries".
- In preparation **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	Russell Sage Foundation Dissertation Research Grant.....	\$15,000
2025	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
2024	Center for Statistics and the Social Sciences (CSSS) Travel Award	\$1000
2023	Spring Research Fund Award, University of Washington, Sociology.....	\$500
2020 – 2021	Top Scholar Fellowship, University of Washington	\$21,924
2015	First place scholarship, Colorado School of Public Health Case Competition	\$500

OTHER PUBLICATIONS

- 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>
- 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>

OTHER WORK EXPERIENCES THAT SHAPED MY SOCIOLOGICAL IMAGINATION

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

TEACHING EXPERIENCE

- 2023 Co-facilitator, **Ethiopia Surveillance Provisions Assessment (SPA) Workshop**, The DHS Program, Bishoftu, Ethiopia. September 2023
- 2022 Instructor of Record, **SOC 331 Population and Society**, Summer quarter, 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

PROFESSIONAL SERVICE

2021	Global Health Science and Practice, <i>Reviewer</i>
2021	Interdisciplinary Association for Population Health Science Conference, <i>Poster Judge</i>
2020-present	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

Population Association of America, 2017—present
 American Sociological Association, 2020—2022
 Interdisciplinary Association for Population Health Science, 2021
 Social Science Historical Association 2023

SOFTWARE SKILLS

R (Proficient, 6 years)
 Stata (Proficient, 10 years)
 Python (Basic, 1 year)
 NVivo (Basic, 1 year)

REFERENCES

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

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

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

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