

Audrey M. Dorélien

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EDUCATION

- 2012 **Princeton University**, Princeton NJ
MA and Ph.D., Public Affairs, Office of Population Research and School of Public and International Affairs
- 2004 **Swarthmore College**, Swarthmore PA
B.A. Economics and Biology, Honors
- 2002 Study abroad, Internship in Francophone Europe, Paris, France

LANGUAGES: English (fluent), French (native), Haitian Creole

ACADEMIC APPOINTMENTS

University of Washington, Seattle

2024-present Associate professor, Sociology Department

Academic Administrative Appointments

2024-present Center for the Study of Demography and Ecology (CSDE) Training Core PI

University of Minnesota—Twin Cities

- 2024-present Humphrey School Affiliate
2023-2024 Associate Professor, Humphrey School of Public Affairs
McKnight Presidential Fellow
2014-2023 Assistant Professor, Humphrey School of Public Affairs
2021-2024 Faculty Affiliate, Applied Economics Department
2021-2024 Faculty Affiliate, School of Public Health

Academic Administrative Appointments

2022-2024 Minnesota Population Center (MPC) Co-Director of Population Training Program

Affiliations

- 2014-2024 Faculty Member of Minnesota Population Center
2017-2024 Faculty Associate, Institute on the Environment
2018-2024 Faculty Affiliate, Interdisciplinary Center for the Study of Global Change
2019-2024 Faculty Member of Life Course Center

University of Michigan

- 2012-2014 Robert Wood Johnson Foundation Health & Society Scholar
Postdoctoral Fellow Affiliate in the Population Studies Center

OTHER PROFESSIONAL APPOINTMENTS

- 2008 Bixby Intern in the Population-Health-Environment Program at the Population Reference Bureau, Washington DC
- 2007 Fellow, Community Enterprise Solutions, Antigua, Guatemala
- 2004-2006 Senior Consultant, CompassLexecon an FTI Company, Cambridge, MA

AWARDS & FELLOWSHIPS

- 2023 University of Minnesota McKnight Presidential Fellow
- 2022 “Racial/Ethnic Differences in Social Contact Patterns, and Implications for COVID-19.”
- First Place Poster Award, Poster Session 1: Interdisciplinary Association for Population Health Science (IAPHS) 2022 Conference
 - First Place Poster Award, Poster Session 1: Association for Public Policy Analysis & Management (APPAM) 2022 Conference
- “Don’t Tell Me What to Do: Partisanship and Masking Behavior.”
- Third Place Poster Award, Poster Session 2. IAPHS 2022 Conference.
 - First Place Poster Award, Poster Session 2: APPAM 2022 Conference
- 2021 IPUMS Time Use Research Award for best published paper, “Analyzing the demographic, spatial, and temporal factors influencing social contact patterns in the U.S. and implications for infectious disease spread.”
- 2020 Minnesota Population Center Outstanding Research Award for “Exploring strategies for investigating the mechanisms linking climate and individual-level child health outcomes: an analysis of birth weight in Mali” accepted in journal *Demography*
- 2019 Minnesota Population Center Diversity Fellowship Program Mentor (summer support for an undergraduate and graduate research assistant) for “Social Contact Structures and Time Use Patterns in US.”
- 2018 Minnesota Population Center Outstanding Research Award for “The effect of in utero exposure to influenza on birth and infant outcomes in the US” accepted in journal *Population and Development Review*
- 2012-2014 Robert Wood Johnson Foundation Health and Society Scholar, University of Michigan (\$192,100 for salary, travel, relocation, computing, and research)
- 2011 Best Poster Prize, Population Association of America Annual Meeting
- 2010 Patrice Y. Johnson Memorial Service Award, Assoc. of Black Princeton Alumni
- 2008 National Science Foundation Pre-Doctoral Fellowship Honorable Mention
- 2007-2012 Princeton University Graduate Fellowship

GRANTS

- 2023-2028 CDC Center for Forecasting and Outbreak Analytics. “Midwest Disease Modeling and Analytics Preparedness Center (MDAP),” part of the new Outbreak Analytics and Disease Modeling Network. **Co-Investigator.** (\$17.5 Million)
- 2023-2028 CON00000097910 NIH “International Population and Agricultural Census Data for Environmental Health Research” **Co-Investigator.** [*submitted Feb 3, 2022*] Impact Score: 20; Percentile Score: 4%
- 2022-2023 P2CHD041023 NIH/NICHD Minnesota Population Center, Osypuk (PI). SPARK Pilot Project: “Analyzing Racial Differences in Contact Patterns using Time Use Data” **Pilot Project PI.** (\$10,000)
- 2022 MPC Proposal Development Grant awarded for submission of R01 grant “Quantifying interpersonal contact in the United States and implications for transmission of SARS-CoV-2 and other respiratory pathogens.” **Principal Investigator.** (\$10,000)
- 2022-2027 R01HD069471, NIH/NICHD “Integrated Demographic and Health Survey Data for Population Health Research (Renewal).” **Co-Investigator.** (\$3,780,405)
- 2021 Human Rights Research Fund award for “COVID-19 racial & ethnic disparities: Analyzing the role of social contacts in MN and US”, University of Minnesota. **Principal Investigator.** (\$45,051)
- 2020-2025 1R01HD099182-01A1, NIH/NICHD Integrated Global Data on Child Health and Development (IPUMS-MICS). **Co-Investigator.** (\$1,313,413)
- 2020-2021 Minnesota Department of Health (158024). Minnesota Social Contact and Modelling Study. Funded by Minnesota Department of Health. **Co-Investigator.** Sub-Award of Minnesota Health Access Survey 2019 (PI- Kathleen Call)
- 2020 Minnesota Population Center Pilot Grant to support additional data collection for MN Social Contact and Modelling Study, University of Minnesota. (\$9,600)
- 2019-2020 University of Minnesota Grant-In-Aid. “Social contact structures and the spread of close-contact infectious diseases in the US and Twin Cities.” **Principal Investigator.** (\$31,895)
- 2015-2016 NIH Fogarty 3D43TW009606-03S1, Demography and Population Health Training and Research Project Supplement Grant. **Co-Investigator.** (\$50,000)
- 2013-2014 Robert Wood Johnson Foundation Health and Society Scholars Program Research Seed Grant for project on “Impact of infectious diseases on population health.” **Principal Investigator.** (\$15,000)
- 2011-2012 Grant to hold interdisciplinary seminar series, Global Health Program, Office of Population Research, Ecology and Evolutionary Biology, Princeton University (\$6,000)
- 2011 Travel Grant to Genetics and Disease Control Workshop, NSF
Travel Grant to Ecology of Infectious Disease Modeling and Data Analysis Workshop
- 2007-2012 Travel Grant, Office of Population Research and Graduate School, Princeton University (various years)

SCHOLARLY ARTICLES AND BOOK CHAPTERS

Refereed Journal Articles (*indicates student co-authors)

1. Pesando, L., **Dorélien, A.**, St-Denis, X., Santos, A. “Demography as a Field: Where We Came from and Where We are Headed?” (2023). *Canadian Studies in Population* 50 (4).
2. **Dorélien, A. M.**, Venkateswaran*, N., Deng*, J., Searle, K., Enns, E., Alarcon Espinoza, G.& Kulasingam, S. (2023). Quantifying social contact patterns in Minnesota during Stay-at-Home physical distancing order. *BMC Infect Dis* 23 (1):324.10.1186/s12879-022-07968-1
3. **Dorélien, A.**, Ramen*, A., Swanson*, I., & Hill, R. (2021). Analyzing the demographic, spatial, and temporal factors influencing social contact patterns in US and implications for infectious disease spread. *BMC Infect Dis* 21(1): 1009. doi.org/10.1186/s12879-021-06610-w
4. Grace, K., Verdin, A., **Dorélien, A.**, Davenport, F., Funk, C., & Husak, G. (2021). Exploring Strategies for Investigating the Mechanisms Linking Climate and Individual-Level Child Health Outcomes: An Analysis of Birth Weight in Mali. *Demography* 58 (2):499-526. doi.org/10.1215/00703370-8977484
5. **Dorélien, A.**, & Xu, H. (2020). Estimating rural urban disparities in self-rated health in China: Impact of choice of urban definition. *Demographic Research* 43(49):1429-1460. doi.org/10.4054/DemRes.2020.43.49
6. Davenport, F., **Dorélien, A.**, & Grace, K. (2020). Investigating the linkages between pregnancy outcomes and climate in sub-Saharan Africa. *Population and Environment* 41(4):397–421 <https://doi.org/10.1007/s11111-020-00342-w> (co-first authors)
7. Tymejczyk, O., Rivera, V., Peck, M., **Dorélien, A.**, Petion, J., Seo, G., . . . Parcesepe, A. (2020). Psychological distress among a population-representative sample of residents of four slum neighborhoods in Port-au-Prince, Haiti. *Journal of Affective Disorders* 263:241-245 <https://doi.org/10.1016/j.jad.2019.11.103>
8. McNairy, M. L., Tymejczyk, O., Rivera, V., Seo, G., **Dorélien, A.**, Peck, M., Petion, J., Walsh, K., Bolgrien*, A. . . . Fitzgerald, D. W. (2019). High burden of non-communicable disease among a young slum population in Haiti. *Journal of Urban Health*. <https://doi.org/10.1007/s11524-019-00368-y>
9. **Dorélien, A.** (2019). The effect of in utero exposure to influenza on birth and infant outcomes in the US. *Population and Development Review* 45(3): 489–523 <https://doi.org/10.1111/padr.12232>
10. Tymejczyk, O., McNairy, M. L., Petion, J. S., Rivera, V. R., **Dorélien, A.**, Peck, M., . . . Nash, D. (2019). Hypertension prevalence and risk factors among residents of four slum communities: population-representative findings from Port-au-Prince, Haiti. *Journal of Hypertension* 37(4), 685-695. <https://doi.org/10.1097/HJH.0000000000001966>
11. **Dorélien, A.** (2016). Birth seasonality in sub-Saharan Africa. *Demographic Research* 34(27), 761-796. doi.org/10.4054/DemRes.2016.34.27.
12. **Dorélien, A. M.** (2015). Effect of birth month on child health and survival in sub-Saharan Africa. *Biodemography and Social Biology* 61(2), 209-230. doi.org/[10.1080/19485565.2015.1032399](https://doi.org/10.1080/19485565.2015.1032399).

13. **Dorélien, A. M.**, Ballesteros, S., Grenfell, B.T. (2013). Impact of birth seasonality on dynamics of acute immunizing infections in sub-Saharan Africa. *PLoS ONE* 8(10): e75806. doi.org/10.1371/journal.pone.0075806.
14. **Dorélien, A.**, Balk, D. Todd, M. (2013). What is urban? Comparing a satellite view with the Demographic & Health Surveys. *Population Development Review*, 39 (3): 413-439. doi.org/10.1111/j.1728-4457.2013.00610.x.
15. Tatem, A. J., Adamo, S., Bharti, N., Burgert, C. R., Castro, M., **Dorélien, A.**, ... & Balk, D. (2012). Mapping the denominator: Improving spatial demographic data for disease modeling and deriving health metrics. *Population Health Metrics* 10(8) doi.org/10.1186/1478-7954-10-8.

Editor Reviewed Articles

1. **Dorélien, A. M.**, Simon, A., Hagge, S., Call, K. T., Enns, E., & Kulasingam, S. (2020). Minnesota Social Contacts and Mixing Patterns Survey with Implications for Modelling of Infectious Disease Transmission and Control. *Survey Practice* 13 (1). <https://doi.org/10.29115/SP-2020-0007>.
2. **Dorélien, A. M.** (2008). Population's Role in the Current Food Crisis: Focus on East Africa. Population Reference Bureau web article
3. Bremner, J., and **Dorélien, A. M.** (2008). Forest Conservation and Population Growth among Indigenous Peoples of the Amazon. Population Reference Bureau web article

Book Chapters

1. **Dorélien, A. M** and Grace, K. (2023). "Climate change-related demographic and health research: Data and Approaches." Chapter 3 in: Ortiz, S. C., McHale, S. M., King, V., & Glick, J. E. (Eds.). *Environmental impacts on families: Change, challenge, and adaptation*. [Manuscript in preparation]. National Symposium on Family Issues. Cham: Springer Nature Switzerland. pp. 43-66.
2. Balk, D., Montgomery, M. R., McGranahan, G., Kim, D., Todd, M., Buettner, T., and **Dorélien, A.** (2009). Mapping Urban Settlements and the Risks of Climate Change in Africa, Asia, and South America. In G. Martine, J.-M. Guzman, G. McGranahan, D. Schensul, & C. Tacoli (Eds.), *Population Dynamics and Climate Change* (pp. 80-103). New York: United Nations Population Fund and International Institute for the Environment and Development

Newsletter

Dorélien, A. (2021). *Invited essay on COVID-19 and Management* 1st ed., vol. 19. Management Matters- The Public Management Research Association Newsletter. <http://pmranet.org/wp-content/uploads/Management-Matters-V19-1.pdf> [Non-Refereed]

Newspaper

Sojourner, A. (Lead Author), **Dorélien, A.**, & Golberstein, E. (2020). *We will have a devastating recession economy until there's widespread coronavirus testing*. USA Today. <https://www.usatoday.com/story/opinion/2020/03/25/coronavirus-economy-devastating-until-widespread-testing-column/2909765001/> [Non-Refereed]

Publications Submitted or In Progress

1. **Dorélien, A.**, & Shridhar*, A. Racial/Ethnic Differences in Social Contact Patterns, and Implications for COVID-19. *Under Review* (Working Paper Available)
2. Deng*, J., & **Dorélien, A.** Don't Tell Me What to Do: Partisanship and Masking Behavior. *Under Review* (Working Paper Available)
3. Kerwin, J., Pandey*, D., **Dorélien, A.** Open Defecation is *Negatively* Associated with COVID-19 Transmission and Deaths: Evidence from India. *Under Review* (Working Paper Available)
4. **Dorélien, A.**, & Shridhar*, A. The Impact of COVID Pandemic on Social Contact Patterns by Gender. *In Progress*
5. **Dorélien, A.**, Grace, K., Davenport, F. Malaria exposure and pregnancy outcomes in Sub-Saharan Africa. *In Progress*
6. **Dorélien, A.** "Seasonal birth patterns differ by socio-demographic characteristics in sub-Saharan Africa." *Working Paper Available*

PEER-REVIEWED CONFERENCE PRESENTATIONS (Total = 29)* *indicates student*

Poster

1. **Dorélien, A. M., (Author & Presenter)**, Shridhar*, A. (Author). "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19," APPAM conference, Washington DC. (November 18, 2022)
2. **Dorélien, A. M., (Author & Presenter)**, Deng*, J. (Author). "Don't Tell Me What to Do: Partisanship and Masking Behavior," APPAM conference, Washington DC. (November 19, 2022)
3. **Dorélien, A. M., (Author & Presenter)**, Shridhar*, A. (Author). "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19." IAPHS Annual Meeting, Minneapolis, Minnesota. (September 20, 2022)
4. **Dorélien, A. M., (Author & Presenter)**, Deng*, J. (**Author & Presenter**). "Don't Tell Me What to Do: Partisanship and Masking Behavior," IAPHS Annual Meeting, Minneapolis, Minnesota. (September 21, 2022)
5. **Dorélien, A. M., (Author & Presenter)** "Analyzing the demographic, spatial, and temporal factors influencing social contact patterns in US and implications for infectious disease spread," IAPHS Annual Meeting- "Policies, Places, and Profits: Manufacturers of Illness and Health" IAPHS. (September 30, 2020).
6. Bolgrien, A.*, (Author & Presenter), **Dorélien, A. M., (Author)** "Demography and migration patterns of residents in four urban slums in Port-au-Prince, Haiti," 28th International Population Conference, International Union for the Scientific Study of Population (IUSSP), Cape Town, South Africa. (October 30, 2017).
7. **Dorélien, A. M., (Author & Presenter)**, Zagheni, E., (Author) "Economic Shocks, Seasonal Patterns and the Spread of Close-Contact Infectious Diseases in the United States: Evidence from Time Use Data," PAA Annual Conference, Population Association of America, Chicago, Illinois, United States. (April 29, 2017).
8. Xu, H., (Author & Presenter), **Dorélien, A. M., (Author)** "The Stress of Keeping up with the Wangs: Do Psychosocial Factors Mediate the Association Between Subjective Social Status and Health?,"

PAA Annual Conference, Population Association of America, Chicago, Illinois, United States. (April 27, 2017).

9. **Dorelien, A. M.-C.** "Effects of In-Utero Exposure to Seasonal Influenza on Fetal and Infant Outcomes in the United States, 1989-2004," PAA Annual Conference, PAA, San Diego, California. (April 30, 2015).
10. **Dorélien, A. M., (Author & Presenter)** "Social and Ecological Drivers of Birth Seasonality in Sub-Saharan Africa," PAA Annual Conference, Population Association of America, San Francisco, California. (May 2012).
11. **Dorélien, A. M., (Author & Presenter)** "Birth Seasonality in sub-Saharan Africa," PAA Annual Conference, Population Association of America, Washington DC. (March 2011).

Talks

1. **Dorélien, A. M., (Author & Presenter), Shridhar*, A. (Author).** "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19." 2023 Time Use Conference, College Park, Maryland (June 9, 2023)
2. **Dorélien, A. M., (Author & Presenter), Shridhar*, A. (Author).** "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19." 2023 PAA Annual Conference, New Orleans, Louisiana (April 13, 2023)
3. Pandey*, D., **Dorélien, A.,** and Kerwin, J. (Presenter). "Open Defecation is Negatively Associated with COVID-19 Transmission and Deaths: Evidence from India." 2023 PAA Annual Conference, New Orleans, Louisiana (April 14, 2023)
4. **Dorélien, A. M., (Author & Presenter), Shridhar*, A. (Author).** "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19." 2022 Data-Intensive Research Conference, NDIRA. Minneapolis, Minnesota. (July 20, 2022)
5. **Dorélien, A. M., (Author & Presenter), Venkateswaran, N., (Author), Deng*, J., (Author), Searle, K., (Author), Kulasingam, S. L., (Author)** "Quantifying social contact patterns in Minnesota during Stay-at-Home physical distancing order," 29th International Population Conference, Session 43, IUSSP. (December 6, 2021).
6. **Dorelien, A. M. (Author & Presenter),** Grace, K. (author), Davenport, F. (author) "Malaria exposure and pregnancy outcomes in Sub-Saharan Africa," IAPHS Annual Conference- "Policies, Places, and Profits: Manufacturers of Illness and Health" Interdisciplinary Association for Population Health Science. (October 1, 2020).
7. **Dorélien, A. M., (Author & Presenter),** Zagheni, E., (Author) "Economic Shocks, Seasonal Patterns and the Spread of Close-Contact Infectious Diseases in the United States: Evidence from Time Use Data," 28th International Population Conference International Union for the Scientific Study of Population (IUSSP), Cape Town, South Africa. (November 1, 2017).
8. Grace, K. L., (Author & Presenter), Davenport, F., (Author), **Dorélien, A. M., (Author)** "The Impact of Climate and Food Insecurity on Miscarriage, Stillbirth, and Neonatal Mortality in Africa," PAA Annual Conference Population Association of America, Chicago, Illinois, United States. (April 28, 2017).
9. **Dorélien, A. M. (Author & Presenter)** "Effect of in-utero exposure to seasonal influenza on fetal and infant outcomes in the United States, 1989-2004," Robert Wood Johnson Foundation Health and Society Program Meeting RWJF, Detroit, Michigan. (May 2014).
10. **Dorélien, A. M., (Author & Presenter)** "The relationship between birth month and child health and survival in sub-Saharan Africa," International Population Conference IUSSP, Busan, Korea,

Democratic People's Rep. (August 2013).

11. **Dorélien, A. M. (Author & Presenter)** "Effect of in-utero exposure to seasonal influenza on fetal and infant outcomes in the United States, 1989-2004," Robert Wood Johnson Foundation Health and Society Program Meeting RWJF, San Diego, California. (May 2013).
12. **Dorélien, A. M., (Author & Presenter)** "The impact of birth seasonality on dynamics of acute immunizing infections in sub-Saharan Africa," PAA Annual Conference PAA, New Orleans, Louisiana. (April 2013).
13. **Dorélien, A. M., (Author & Presenter)** "The relationship between birth month and child health and survival in sub-Saharan Africa," PAA Annual Conference PAA, New Orleans, Louisiana. (April 2013).
14. **Dorélien, A. M., (Author & Presenter)** "Birth month and Child Health and Survival in sub-Saharan Africa," Sixth African Population Conference Union for African Population Studies (UAPS), Ouagadougou, Burkina Faso. (December 2011).
15. **Dorélien, A. M., (Author & Presenter)** "Social and Ecological Drivers of Birth Seasonality in Sub-Saharan Africa," Sixth African Population Conference Union for African Population Studies (UAPS), Ouagadougou, Burkina Faso. (December 2011).
16. **Dorélien, A. M. (Author & Presenter)** "Birth Seasonality and Disease Dynamics in Sub-Saharan Africa," DIMACS/MBI US - African BioMathematics Initiative: Workshop on Genetics and Disease Control DIMACS Center for Discrete Mathematics & Theoretical Computer Science, Ghana. (August 12, 2011).
17. **Dorélien, A. M., (Author & Presenter)** "Conceptualizing and Measuring Urban Locations: Comparing a satellite view with the Demographic & Health Surveys," PAA Annual Conference, Population Association of America, Dallas, Texas. (April 2010).
18. **Dorélien, A. M., (Presenter)** "Analysis of Temporary Protected Status for Environmental Disasters: How much protection is provided and why do some countries receive TPS designation and others do not?" Symposium in Honor of Black History Month Princeton University, NJ. (March 2010).

INVITED RESEARCH PRESENTATIONS (Total = 29)

1. **Dorélien, A. M., (Presenter)** "Measuring and Modeling the Impact of Partisanship Differences in Health Behaviors on COVID-19 Disease Spread." Population Studies Center Colloquium, University of Pennsylvania (January 27, 2025)
2. **Dorélien, A. M., (Presenter)** "Interconnection of Global Challenges: Climate Change, Population Aging, and Infectious Diseases." Research Centers Collaborative Network of the National Institute on Aging, NIH- Climate Change and Aging Workshop. (November 12, 2024)
3. **Dorélien, A. M., Soria, Chris (Co- Presenters)** "Measuring and Modeling the Impact of Partisanship Differences in Health Behaviors on COVID-19 Disease Spread." Center for Study of Demography and Ecology, University of Washington. (November 1, 2024)
4. **Dorélien, A. M., (Presenter)** "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19." Department of Sociology, University of Washington: Future of Sociology Seminar Series. (February 1, 2024)
5. **Dorélien, A. M., (Presenter)** "Using Remotely Sensed Data to Study in Utero Health Shocks in Sub-Saharan Africa." Berkeley Brown Bag Seminar, (November 15, 2023)
6. **Dorélien, A. M., (Discussant)** 18th Annual De Jong Lecture in Social Demography, Penn State.

(October 4, 2023).

7. **Dorélien, A. M., (Presenter)** “Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19.” Bocconi Covid Crisis Lab, Milan Italy. (June 14, 2023).
8. **Dorélien, A. M., (Presenter)** “Climate exposure and pregnancy outcomes in sub-Saharan Africa: focus on data and approaches.” Geography and International Studies, University of Wisconsin, Madison (February 13, 2023)
9. **Dorélien, A. M., (Presenter)** “Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19.” Maryland Population Research Center, University of Maryland College Park. (November 21, 2022).
10. **Dorélien, A. M., (Presenter)** “Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19.” Minnesota Demography and Aging Seminar Series, University of Minnesota. (October 3, 2022).
11. **Dorélien, A. M. (Presenter & Panelist)** “Climate change-related demographic and health research: Data and approaches,” CPDecades Centre on Population Dynamics, McGill University, Canada. (May 20, 2022).
12. **Dorélien, A. M., (Author & Presenter)** "Racial/Ethnic Differences in Social Contact Patterns and Implications for COVID-19," Brown Bag Series Florida State University Center for Demography and Population Health. (March 25, 2022).
13. **Dorélien, A. M., (Panelist)** "Session 124 Research Leader Session - Addressing the Needs of Marginalized Populations Impacted by Climate Change: Evidence Gaps at the Intersection of the Population and Climate Sciences (Sponsored by the Population Council)," 29th International Population Conference IUSSP. (December 8, 2021). URL: <https://ipc2021.popconf.org/sessions/124>
14. **Dorélien, A. M., (Panelist)** "Human Rights at Home," Human Rights Program 20th Anniversary Symposium: Mobilizing Knowledge to Advance Human Rights, UMN Human Rights Program. (November 18, 2021).
URL: <https://cla.umn.edu/human-rights/news-events/events/human-rights-program-20th-anniversary-symposium>
15. **Dorélien, A. M., (Panelist)** "La Situation en Haiti n'est pas sans espoir," Haiti: Finding a way forward Alliance Française Mpls/St Paul. (November 16, 2021). *Invited*.
URL: <https://www.afmsp.org/events/haiti-finding-a-way-forward-online-event#/https://www.afmsp.org/events/haiti-finding-a-way-forward-online-event#/>
16. **Dorélien, A. M., (Presenter)**, Grace, K. L., (Author & Presenter) "Session 2: Climate Change. Data and Frameworks for Linking Women and Children’s Health to Climate Change (in low-income countries)," National Symposium on Family Issues- Environmental Impacts on Families: Change, Challenge, and Adaptation Penn State. (October 25, 2021).
URL: <https://pop.psu.edu/events/29th-annual-national-symposium-family-issues>
17. **Dorélien, A. M. (Presenter & Panelist)** "Hausse des température et impact sur les grossesses et la santé maternelle," Changement Climatique et Santé de la Reproduction. Population Reference Bureau West African Journalist Workshop on impacts of climate change on women's reproductive health. (July 14, 2021).
18. **Dorélien, A. M., (Presenter)** "Quantifying Social Contact Patterns in Minnesota During the Stay-At-Home Social Distancing Order," Formal Demography Workshop, Berkeley Demography Department. (May 27, 2021).

19. **Dorélien, A. M., (Presenter)** "Pre-pandemic and pandemic social contact patterns in the US and implications for COVID-19 transmission," CIDR Seminar Series, CUNY Institute for Demographic Research (CIDR). (April 9, 2021).
20. **Dorélien, A. M., (Presenter)** "Using remotely sensed data to study in utero health shocks in Sub-Saharan Africa (SSA)," Spring 2020 Seminar Series Remote Sensing Interdisciplinary Graduate Education Program at Virginia Tech, Virginia. (February 10, 2020).
21. **Dorélien, A. M., (Presenter)** "Using remotely sensed data to study in utero health shocks in Sub-Saharan Africa," IPR Seminar Series Institute for Population Research at the Ohio State University, Ohio, United States. (February 12, 2019).
22. **Dorélien, A. M., (Presenter)** "The Effects of In-Utero Exposure to Influenza on Fetal and Infant Outcomes in the US," Maryland Population Research Center, University of Maryland College Park. (October 1, 2018).
23. **Dorélien, A. M., (Presenter)** "Demography and migration in four urban slums in Port-au-Prince, Haiti," CU Population Center Seminar University of Colorado, Boulder. (September 14, 2017).
24. **Dorélien, A. M., (Presenter)**. "Effects of In-Utero Exposure to Seasonal Influenza on Fetal and Infant Outcomes in the United States," Berkeley Demography Brown Bag Talks Demography Department, University of California, Berkeley, Berkeley, California. (April 20, 2016).
25. **Dorélien, A. M., (Presenter)**. "Seasonal patterns in child health: the roles of social and environmental factors." CSDE University of Washington, Seattle. (October 30, 2015)
26. **Dorélien, A. M., (Presenter)** "Effects of maternal exposure to influenza on fetal and infant outcomes in the United States, 1988-2004," Methods & Inequality Workshop Series Minnesota Population Center, University of Minnesota. (October 2014).
27. **Dorélien, A. M., (Presenter)** "Implications of Seasonal Fluctuations in Birth Rates on Child Health," Department of Health and Behavioral Science Seminar University of Colorado, Denver, Denver, Colorado. (December 2013).
28. **Dorélien, A. M., (Presenter)** "Implications of Seasonal Fluctuations in Birth Rates on Child Health," Humphrey School Seminar University of Minnesota, Minneapolis, Minnesota. (November 2013).
29. **Dorélien, A. M., (Presenter)** "Implications of Seasonal Fluctuations in Birth Rates on Child Health," Sociology Department Seminar University of California-Irvine, Irvine, California. (November 22, 2013).

PROFESSIONAL DEVELOPMENT/ ADDITIONAL TRAINING

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| 2023 | Data and modeling approaches to assessing climate-conflict impact on population dynamics workshop |
| 2017 | IUSSP Workshop. Geospatial Demography, Combining Satellite, Survey, Census and Cellphone Data to Provide Small-area Estimates |
| 2015 | University of Minnesota Center for Writing, "Teaching with Writing Seminar" |
| 2014 | Stanford Workshop in Formal Demography |
| 2013 | Responsible Conduct of Research Training, University of Michigan School of Public Health |
| 2012 | Population Health Course, University of Michigan School of Public Health |
| 2011 | Global Assessment and Monitoring Using Remote Sensing Course, Columbia University |

- 2011 Genetics and Disease Control Workshop, DIMACS/MBI US-African Biomathematics Initiative
- 2011 Ecology of Infectious Disease Modeling and Data Analysis Workshop
Sponsored by Department of Biology, Colorado State University
- 2008 Environmental Demography Summer Short Course, University of Colorado, Population Center

TEACHING EXPERIENCE

University of Washington, Seattle

- SOC 201A Data Visualization: Telling Stories with Numbers (Winter 2025)
- SOC 301 Ties that Kill: Social and Infectious Disease Dynamics (Spring 2025)

University of Minnesota—Twin Cities

Courses Taught

- PA 5929 Data Visualization: Telling Stories with Numbers (**14x**)
- PA 5490 Politics and Policy of Demographic Change (**Fall: 2019, 2020**)
- PA 8461 Global & US Perspectives on Health & Mortality
(**Fall: 2014-2016, 2018, 2020-2022**)
- PA 5021 Microeconomics for Policy Analysis (**Fall: 2015-2016; Spring: 2018-2019**)

Guest Lectures

| | Month | Course/Program Name | |
|----|-----------|---------------------|--|
| 1 | Mar 2017 | SOC 4246 | Sociology of Health and Illness |
| 2 | Apr 2019 | GEOG 5900 | Special Topics: Quantitative Methods for Survey Data |
| 3 | Nov 2019 | APEC 3001 | Intermediate Microeconomics |
| 4 | Jun 2020 | OLLI 20449 | Data Visualization in Logical and Radical Innovations |
| 5 | July 2020 | JSI | Junior Summer Institute |
| 6 | Feb 2021 | PA 8006 | Current Research in Public Affairs |
| 7 | Feb 2021 | GEOG 8980 | Global Health Data Analysis |
| 8 | Oct 2021 | PUBH 3365 | Modeling and Mapping for Infectious Disease Epidemiology |
| 9 | July 2022 | JSI | Junior Summer Institute |
| 10 | Oct 2022 | PUBH 3365 | Modeling and Mapping for Infectious Disease Epidemiology |
| 11 | Oct 2022 | PA 8003 | Integrative Doctoral Seminar in Public Affairs I |

Workshops

| | Month | Course/Program Name |
|---|----------|--|
| 1 | Apr 2015 | Data Viz Crash Course, Humphrey School |
| 2 | Dec 2015 | Data Viz Crash Course, Humphrey School |

- 3 Aug 2018 Data Viz Workshop for Elizabeth Boyle’s Lab (SOC, MPC)
- 4 Oct 2019 Workshop on Gerrymandering, MPC
- 5 Feb 2023 Effective Tables Workshop, MPC

Princeton University

Assistant in Instruction

- ENV 309 Disease Ecology, Economics, and Public Policy - Professors Ramanan Laxminarayan and Bryan Grenfell (Spring 2009, Fall 2011)
- GHP 350 Epidemiology - Professor Anne Andermann (Fall 2009)
- POP 508 Epidemiology - Professor Anne Andermann (Spring 2010)

Volunteer Tutor/Instructor

- Assistant English teacher, Escuela Javier Alonso Sayles Vargas, Ahome, Mexico (2007)

ADVISING AND MENTORING

University of Minnesota—Twin Cities

Doctoral Preliminary Committee

| | Name | Department | Role | Year |
|---|---------------------------|------------|--------|------|
| 1 | Maryia Bakhtsiyarava | GEOG | Member | 2017 |
| 2 | Anna Bolgrien | HHH | Member | 2018 |
| 3 | Man Xu | HHH | Member | 2019 |
| 4 | Berenger Djoumessi Tiague | APEC | Member | 2020 |
| 5 | Yi Wang | HHH | Member | 2021 |
| 6 | Bahvin Pradhan | HHH | Member | 2022 |
| 7 | Divya Pandey | APEC | Member | 2023 |
| 8 | Ashwini Shridhar | HHH | Chair | 2023 |

Doctoral Final Committee:

| | Name | Department | Role | Year |
|---|---------------------------|------------|----------|------|
| 1 | Maryia Bakhtsiyarava | GEOG | Reviewer | 2020 |
| 2 | Anna Bolgrien | HHH | Reviewer | 2021 |
| 3 | Man Xu | HHH | Reviewer | 2021 |
| 4 | Natalia Ordaz Reynoso | APEC | Member | 2021 |
| 5 | Berenger Djoumessi Tiague | APEC | Reviewer | 2022 |
| 6 | Bahvin Pradhan | HHH | Member | 2023 |

SERVICE

University of Washington**Sociology Department**

- Co-chair, Diversity Committee, 2024-present
- Executive Committee, 2024-present
- Member, Health/Medical Sociology Faculty Search Committee, 2024-present

University Service

- CSDE Training Core-PI, 2024-present

University of Minnesota**Humphrey School**

- Member, Search Committee for Research Development Coordinator Summer 2023
- Member, Alumni Committee, Summer 2022-2023
- Member, PhD Committee, 2019-2022
- Member, Alumni Committee, Summer 2019
- Member, Admissions Committee, 2017-2019
- Member, Faculty Search, Women, Gender, and Public Policy Center Director, 2015-2016

University Service

- Co-Training Director (DGS) Population Studies Program, MPC, 2022-2024
- Member, MPC Advisory Board, 2019-2022
- Member, ISDRI Population Training Program Advisory Board, 2019-2021
- Co-coordinator, MPC's Inequality & Methods Workshop, 2015-2017

Princeton University

- PhD Representative to the Woodrow Wilson School Action Committee, 2008
- Black Graduate Caucus Representative to Graduate Student Council, 2007-2008
- President of the Black Graduate Caucus, 2008-2010
- Diversity Fellow, Office of Associate Dean of Academic Affairs and Diversity, 2009-2010
- Global Crisis Committee (formerly Haiti Earthquake Response Committee), 2010
- Residential Graduate Student, Butler College, 2011-2012
- Co-convener of seminar series "Research at the Interface of Economics, Ecology, and Health." 2012

Professional

Advisory Boards

- Member, IAPHS Professional Development Committee, 2023-present
- Member, IPUMS Demographic Health Survey Advisory Board, 2016-present
- Member, IPUMS Multiple Indicator Cluster Survey Advisory Board, 2021-present
- Member, NASA Socioeconomic Data and Applications Center (SEDAC) User Working Group (UWG), 2016-2020

Journal Article Reviews

| | | |
|-----------------------------------|-----------------------------------|--|
| Annals of Epidemiology | Environmental Practice | Population and Development Review |
| Biodemography and Social Biology | Environment Research Letters | Population and Environment |
| Biosocial Science | Global Environment Change | Population Health Metric |
| BMC Infectious Disease | Journal of Water and Health | Population Studies |
| BMC Public Health | Maternal and Child Health Journal | Proceeding of Royal Society B: Biological Sciences |
| Cahiers Québécoise de Démographie | PLOS One | Scientific Reports |
| Demographic Research | PNAS | World Development |
| Demography | | |
| E-Life | | |

Memberships

- Population Association of America (PAA)
- International Union for the Scientific Study of Population (IUSSP)
- Population Environment Research Network (PERN),
- Union for African Population Studies (UAPS)
- Interdisciplinary Association for Population Health Science (IAPHS)
- Association for Public Policy Analysis and Management (APPAM)
- Models of Infectious Disease Agent Study Network (MIDAS)

Organizing and Moderating

1. PAA, Conference Program Committee [*invited*]-Morbi, 2024-205
- 2.
3. Panelist [*invited*], IAPHS Student Committee Webinar “Interdisciplinarity and the Job Market”, 2021
4. Session Organizer/Chair [*invited*], PAA 2021
5. Session Organizer/Chair [*invited*], PAA 2020

6. Discussant *[invited]*, "Session 289- Sex, gender, and health," 28th International Population Conference International Union for the Scientific Study of Population (IUSSP), Cape Town, South Africa. (November 3, 2017)
7. Discussant *[invited]*, PAA, 2017
8. Session Organizer/Chair *[invited]*, PAA, 2017
9. Co-coordinator of PAA Data Visualization Workshop, 2016
10. Discussant *[invited]*, PAA, 2015
11. PAA Conference Program Committee *[invited]*- Population, Development, and the Environment Theme chair, 2014-2015
12. Discussant *[invited]*, PAA, 2014
13. Discussant *[invited]*, IUSSP, 2009

Media Appearances

- | | |
|---|---------------------------|
| <p>Masking Even Some of the Time This Winter Could Help Prevent Respiratory Infections. <i>Scientific American</i> Interview https://www.scientificamerican.com/article/masking-even-some-of-the-time-this-winter-could-help-prevent-respiratory-infections/</p> | <p>December 21, 2023</p> |
| <p>COVID-19 increases pregnancy risks. Poorer communities shoulder most of the burden. PNAS Journal Club https://www.pnas.org/post/journal-club/covid-19-increases-pregnancy-risks-poorer-communities-shouldering-most-burden</p> | <p>December 23, 2022</p> |
| <p>Preparing for the next pandemic. The Minnesota Daily https://mndaily.com/274447/opinion/ericson-preparing-for-the-next-pandemic/</p> | <p>November 9, 2022</p> |
| <p>"A steamy summer looms, especially for Minnesotans who live in urban heat islands with scant shade and spotty air conditioning. Need help in staying cool? Here are some tips.," Sahan Journal https://sahanjournal.com/climate/minnesota-summer-heat-danger-help-resources/</p> | <p>May 13, 2022</p> |
| <p>"The Road Ahead: Charting the coronavirus pandemic over the next 12 months — and beyond," STAT https://www.statnews.com/feature/coronavirus/the-road-ahead-the-next-12-months-and-beyond/</p> | <p>September 22, 2020</p> |

"MPR News with Angela Davis," Minnesota Public Radio
<https://www.mprnews.org/episode/2020/04/01/davis-what-to-expect-when-youre-expecting-during-a-pandemic>

April 1, 2020

"Fox9 News," Fox9 News
<https://www.fox9.com/news/pregnant-women-should-get-the-flu-shot-university-of-minnesota-research-says>

October 31, 2019

"Good Question with Heather Brown," WCCO CBS
Minnesota <https://minnesota.cbslocal.com/2019/07/11/good-question-population-growth-united-nations/>

July 11, 2019