

NATHALIE E. WILLIAMS

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RESEARCH INTERESTS

Social Demography, Migration and Mobility, Armed Conflict, Natural Disasters and Climate Change, Mental Health, Research Design and Survey Data Collection

EDUCATION

- Aug. 2009 **Ph.D., Sociology**
Affiliated with the Population Studies Center
University of Michigan, Ann Arbor, MI
- Dissertation: “*Living with Conflict: The Effect of Community Organizations, Economic Assets, and Mass Media Consumption on Migration during Armed Conflict.*”
- * *Distinguished Dissertation Award* (ranked as the top social science dissertation of 2009)
University of Michigan
- * Ranked in the *top five social science dissertations in the U.S.* in 2009
Council of Graduate Schools National Distinguished Dissertation Award Committee
- May 1998 **B.Sc., Mathematics**
Cum Laude
University of Puget Sound, Tacoma, WA

PROFESSIONAL POSITIONS

- Sept. 2016 – **Associate Professor**
The Henry M. Jackson School of International Studies
Department of Sociology
Faculty affiliate of the Center for Studies in Demography and Ecology, South Asia Center,
South-East Asia Center, and Center for Statistics in the Social Sciences
Director of PhD Program, Jackson School of International Studies
University of Washington, Seattle, WA
- Sept. 2012 – **Assistant Professor**
The Henry M. Jackson School of International Studies
Department of Sociology
Faculty affiliate of the Center for Studies in Demography and Ecology, South Asia Center,
South-East Asia Center, and Center for Statistics in the Social Sciences
Graduate Program Coordinator, Jackson School of International Studies
University of Washington, Seattle, WA
- Sept. 2009 – **Post-Doctoral Scholar**
Sept. 2012 Carolina Population Center
University of North Carolina, Chapel Hill, NC

PEER REVIEWED PUBLICATIONS

- Williams, Nathalie E. and Dirgha J. Ghimire. Forthcoming. "Mixed Methods Data Collection in a Comparative International Context: New Technologies, New Opportunities for Social Science." Under review for edited volume *Advances in Comparative Survey Methods: Multicultural, Multinational and Multiregional (3MC) Contexts*, eds T. Johnson, B. Dorer, I. Stoop, and B. Pennell, Wiley.
- Williams, Nathalie E., Michelle L. O'Brien, and Xiaozheng Yao. 2016. "Using Survey Data for Agent-Based Modeling: Design and Challenges in a Model of Armed Conflict and Population Change." In A. Grow and J. Van Bavel (eds) *Agent-Based Modelling in Population Studies: Concepts, Methods, and Applications*, Springer.
- Barbara Entwisle, Nathalie E. Williams, Ashton M. Verdery, Ronald R. Rindfuss, Stephen J. Walsh, George P. Malanson, Peter J. Mucha, Brian G. Frizzelle, Philip M. McDaniel, Xiaozheng Yao, Benjamin W. Heumann, Pramote Prasartkul, Yothin Sawangdee, Aree Jampaklay. 2016. "Climate Shocks and Migration: An Agent-Based Modeling Approach." *Population and Environment*: 1-25. [NIHMS780242](#)
- Williams, Nathalie E., Timothy A. Thomas, Matthew Dunbar, Nathan Eagle, and Adrian Dobra.. 2015. "Measures of human mobility using mobile phone records enhanced with gis data." *PloS one* 10.7: e0133630.
- Axinn, William, Dirgha J. Ghimire, Nathalie E. Williams, and Kate M. Scott. 2015. "Associations between the Social Organization of Communities and Psychiatric Disorders in Rural Asia." *Social Psychiatry and Psychiatric Epidemiology*.
- Dobra, Adrian, Nathalie E. Williams, and Nathan Eagle. 2015. "Spatiotemporal Detection of Unusual Human Population Behavior Using Mobile Phone Data." *PLoS ONE*, 10(3): e0120449. doi:10.1371/journal.
- Williams, Nathalie E. 2015. "Mixed and Complex Mixed Migration during Armed Conflict: Multi-Dimensional Empirical Evidence from Nepal." *International Journal of Sociology*, 45(1): 44-63.
- Malanson, George P., Ashton M. Verdery, Stephen J. Walsh, Yothin Sawangdee, Aree Jampaklay, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizzelle, Nathalie E. Williams, Xiaozheng Yao, Barbara Entwisle, Ronald R. Rindfuss. 2014. "Changing Crops in Response to Climate: Virtual Nang Rong, Thailand in an Agent Based Simulation." *Applied Geography* 53: 202-212.
- Williams, Nathalie E., Arland Thornton, and Linda Young-DeMarco. 2014. "Migrant Values and Beliefs: How are They Different and How do They Change?" *Journal of Ethnic and Migration Studies* 40(5): 796-813.
- Axinn, William G., Dirgha J. Ghimire, Nathalie E. Williams, and Kate M. Scott. 2013. "Gender, Traumatic Events, and Mental Health Disorders in a Rural Asian Setting." *Journal of Health and Social Behavior* 54(4): 444-461.
- Walsh, Stephen J., George P. Malanson, Barbara Entwisle, Ron R. Rindfuss, Peter J. Mucha, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizzelle, Ashton M. Verdery, Nathalie Williams, Yao Xiaozheng, and Deng Ding. 2013. "Design of an Agent-Based Model to Examine Population-Environment Interactions in Nang Rong District, Thailand." *Applied Geography*.39:183-198.
- Williams, Nathalie E. 2013. "How Community Organizations Moderate the Effect of Armed Conflict on Migration in Nepal" *Population Studies*, 67(3): 353-369.
- Williams, Nathalie. 2013. "Armed Conflict, Refugees, and Migration." In Ness, I. (ed.), *Encyclopedia of Global Human Migration*, New York: Wiley Blackwell.

- Williams, Nathalie E., Arland Thornton, Dirgha J. Ghimire, and Linda C. Young-DiMarco. 2012. "Nepali Migrants to the Gulf Cooperation Council Countries: Values, Behaviors, and Plans." In Kamrava, M. and Z. Babar, (eds.), *Migrant Labor in the Persian Gulf*, New York, NY: Columbia University Press.
- Williams, Nathalie E., Dirgha J. Ghimire, William G. Axinn, Elyse A. Jennings, and Meeta S. Pradhan. 2012. "A Micro-Level Event-Centered Approach to Investigating Armed Conflict and Population Responses." *Demography* 49(4):1521-1546.
- Axinn, William G., Dirgha J. Ghimire, and Nathalie E. Williams. 2012. "Collecting Survey Data During Armed Conflict." *Journal of Official Statistics* 28(2): 153-171.
- Williams, Nathalie, John Knodel, David Lam. 2010. "HIV/AIDS and Older Persons: Shifting the Focus from the Infected to the Affected." *Research on Aging* 32(1):3-18.
- Knodel, John, Nathalie Williams, Sovan Kiry Kim, Sina Puch, Chanpen Saengtienchai. 2010. "Community Reaction to Older-age Parental AIDS Caregivers and their Families: Evidence from Cambodia." *Research on Aging* 32(1):122-151.
- Massey, Douglas S., Nathalie Williams, William G. Axinn, and Dirgha Ghimire. 2009. "Community Services and Out-Migration." *International Migration* 48(3):1-41.
- Williams, Nathalie. 2009. "Education, Gender, and Migration in the Context of Social Change." *Social Science Research* 38(4):883-896.
- Williams, Nathalie, John Knodel, Kim Sovan Kiry, Sina Puch, and Chanpen Saengtienchai. 2008. "Overlooked Potential: Older-age Parents in the Era of ART." *AIDS Care* 20(10):1169-1176.

PAPERS UNDER REVIEW

- Thornton, Arland, Nathalie E. Williams, Prem Bhandari, Linda Young-DeMarco, Cathy Sun, Jeffrey Swindle, Christina Hughes, and Yu Xie. "Influences of Material Aspirations on Migration." Under review at *American Journal of Sociology*.
- Williams, Nathalie E., and William G. Axinn. "Armed Conflict, Mass Media, and Migration." Revise and resubmit at *American Journal of Sociology*.
- Williams, Nathalie E. "Patterns of Migration during Armed Conflict: A Risks, Resources, and Responses Model." Revise and resubmit at *American Sociological Review*.
- Ghimire, Dirgha J., Nathalie E. Williams, Arland Thornton, and Linda Young-DeMarco. "Successful Multiplicity Sampling in a Study of International Migrants." Revise and resubmit at *Journal of Ethnic and Migration Studies*.
- Williams, Nathalie E., Dirgha J. Ghimire, and Karen Snedker. "Fear of Violence during Armed Conflict: Social Roles and Responsibilities as Determinants of Fear." Under review at *Social Science Research*.

RESEARCH GRANTS

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|-------------------------|--|
| Apr. -
Sep. 2015 | Principal Investigator, "Collection of Mobile Phone Records and Demographic Survey Data in Chitwan, Nepal."
Center for Studies in Demography and Ecology, University of Washington, Seed grant \$18,832 total costs |
| Aug. 2014-
Jul. 2019 | Co-P.I., National Institutes of Health R01
"Ideational Influences on Migration." |

\$2,515,577 total costs (co-P.I.s Nathalie E. Williams and Arland Thornton)

- Sept. 2011-
Aug. 2015 Principal Investigator, National Institutes of Health K99/R00
“Selective Migration and the Macro Demographic Consequences of Armed Conflict.”
\$662,000 total costs (P.I. Nathalie Williams)
- Jul. 2010-
Jun. 2012 Consultant, National Institutes of Health R21
“Innovative Methods for Obtaining Survey Data from Migrants.”
\$424,875 total costs (P.I. Arland Thornton)
- Jul. 2009-
Jun. 2011 Co-Investigator, Georgetown University Center for International and Regional Studies
Research Grant in the Study of Migrant Labor in the Gulf
“Migrants to the Gulf Cooperation Council Countries: Values, Behaviors, and Plans.”
\$34,596 total costs (P.I. Arland Thornton)

HONORS AND AWARDS

- 2011 Postdoctoral Award for Research Excellence
University of North Carolina at Chapel Hill
- 2009 Best Student Paper
American Sociological Association, Population Section
- 2008-2009 Innovation in Social Research Award
Institute for Social Research, University of Michigan
- 2007 Poster Award for “Political Conflict and Migration: Impact of the Maoist Insurrection on
Migration Behavior in Nepal.” Population Association of America
- 2006 Weinberg Endowment for International Research
Population Studies Center, University of Michigan
- 2006-2008 NIA Traineeship
Population Studies Center, University of Michigan
- 2003-2005 NICHD Traineeship
Population Studies Center, University of Michigan

ACADEMIC TEACHING EXPERIENCE

- Research Design in the Social Sciences (JSIS 595/LAW 554), University of Washington
- Quantitative Methods in the Social Sciences (JSIS 595/LAW 554), University of Washington
- Introduction to Statistics (SOC/STAT/CSSS 221), University of Washington
- Introduction to Social Research Methods (SOC 310), University of Michigan, Graduate Student Instructor
- Statistics (SOC 510), University of Michigan, Graduate Student Instructor

PRESENTATIONS

- Williams, Nathalie E. "Social Exclusion and Migration: A Case Study of Caste in Nepal." Invited
presentation at the Yale University Center for Research on Inequalities and the Life Course, New
Haven, CT, April 6, 2017.

- Williams, Nathalie E. "Temporal Dimensions of Weather Shocks and Migration: A Case Study of Chitwan Nepal." Paper presented at *The Hugo Conference: Environment, Migration, Politics*. Liege, Belgium November 3, 2016.
- Williams, Nathalie E. "Migrants and Refugees: What's Going On and How Should We Think About It?" Invited presentation at the 2016 Juneau World Affairs Council forum *Human Migration and Refugees: Peril and Hope*. Juneau, AK October 20, 2016.
- Williams, Nathalie E. "Weather shocks and migration in Chitwan, Nepal: Abandonment or adjustment of rural livelihoods?" Invited seminar at Nepal Studies Initiative, University of Washington, May 2015.
- Williams, Nathalie E. "Temporal Dimensions of Weather Shocks and Migration: A Case Study of Chitwan, Nepal." Paper presented at the annual meetings of the *Population Association of America*, San Diego, CA, April 2015.
- Williams, Nathalie E. and Christina Hughes. "The Role of Learning and Adaptation in Migration Responses to Armed Conflict: Evidence from the Chitwan Valley Family Study." Poster presented at the annual meetings of the *Population Association of America*, San Diego, CA, April 2015.
- Williams, Nathalie. "Complex Mixed Migration During Armed Conflict." Invited lecture at Population Studies and Training Center, Brown University, March 19, 2015.
- Williams, Nathalie. "An Agent-Based Model of Armed Conflict and Population Change." Presentation at *Agent Based Modeling in the Population Sciences*, University of Leuven, Leuven Belgium, September 19, 2014.
- Williams, Nathalie. "Spatially Defined Measures Mobility and Migration: Developing Big Data Measurements and Applications for Social Science" Seminar presentation at Center for Studies in Demography and Ecology, University of Washington, February 2014.
- Williams, Nathalie. "Migrant Values and Beliefs: How are They Different and How do They Change?" SCOPE seminar presentation at Department of Sociology, University of Washington, October 2013.
- Williams, Nathalie. "Mental Health Surveys and Analysis." Presentation at the Mekong Regional Development Research Group, University of Utah, May 2013.
- Williams, Nathalie. "Migration During Armed Conflict: Community Organizations and Vulnerability." SCOPE seminar presentation at Department of Sociology, University of Washington, April 2013.
- Williams, Nathalie. "Demographic Responses to Armed Conflict: An Event-Centered Approach." Seminar presentation at Center for Studies in Demography and Ecology, University of Washington, February 2013.
- Williams, Nathalie. "Patterns of Migration During Armed Conflict: A Risks, Resources, and Responses Model." Paper presented at the meetings of the *Asian Population Association*, Bangkok Thailand, August 2012.
- Williams, Nathalie. "Migrant Values and Beliefs: How are They Different and How do They Change?" Paper presented at the meetings of the *Asian Population Association*, Bangkok Thailand, August 2012.
- Williams, Nathalie. "Extreme Climate Events and Migration: An Agent-Based Modeling Approach." Paper presented at the *Annual Meeting of the Population Association of America*, San Francisco, CA, May 2012.

- Williams, Nathalie. "Extreme Climate Events and Migration: An Agent-Based Modeling Approach." Invited lecture at Institute for Population and Social Research, Mahidol University, Thailand, April 2012.
- Williams, Nathalie E. "Migration During Armed Conflict." Invited lecture at Department of Sociology, Tribhuvan University, April 2012.
- Williams, Nathalie E. "Migration During Armed Conflict." Invited lecture at Social Science Baha lecture series, Kathmandu Nepal, April 2012.
- Williams, Nathalie E. "Migrants and Their Values: How are They Different and How do They Change?" Invited lecture at Bay Area Colloquium in Population, University of California Berkeley, April 2012.
- Williams, Nathalie E. "What's Wrong? Stop Crying!: Ethical Considerations for Research on Traumatic Experiences." Presented at the Carolina Population Center Research Ethics Seminar Series, February 2012.
- Williams, Nathalie E. "Migrant Values and Beliefs: How are they Different and How do they Change?" Invited lecture in Population Geography GEOG450, University of North Carolina at Chapel Hill, November 2011.
- Williams, Nathalie E. "Migration During Armed Conflict: A Risks, Resources, and Responses Framework" Presented at the Department of Demography, University of California- Berkeley, November 2011.
- Williams, Nathalie E. "Migration During Armed Conflict: A Risks, Resources, and Responses Framework" Presented at the Jackson School of International Studies, University of Washington, November 2011.
- Williams, Nathalie E. "Migrant Values and Beliefs: How are they Different and How do they Change?" Paper presented at the *Annual Meeting of the American Sociological Association*, Las Vegas, NV, August 2011.
- Williams, Nathalie E. "Analyzing the Effects of Social and Environmental Change on Human Well-Being in Nang Rong, Thailand." Presented at *Challenges to Human Development in the Greater Mekong Sub-Region* at the University of Utah, Salt Lake City, UT, April 29, 2011.
- Williams, Nathalie E. "Nepali Migrants to the Gulf Cooperation Council Countries: Values, Behaviors, and Plans." Poster presented at the *Annual Meeting of the Population Association of America*, Washington D.C., March 2011.
- Williams, Nathalie E. "The Social Science of Migration During Armed Conflict: A Risks, Resources, and Responses Framework." Presented at the California Center for Population Research, University of California, Los Angeles, February 23, 2011.
- Williams, Nathalie E., Arland Thornton, and Linda Young-DeMarco. "Migrants and Their Values: How are They Different and how do They Change?" Presented at *INTEGRATION: Institutional and Life-Course Perspectives on Migration*, University of Bremen, Bremen Germany, January 20, 2011.
- Williams, Nathalie E. "Simulating Economic and Political Changes in an Agent-Based Model." Presented at *Nang Rong Agent-Based Modeling Workshop*, University of North Carolina at Chapel Hill, October 15, 2010.

Williams, Nathalie, Arland Thornton, Dirgha J. Ghimire, Linda C. Young-DeMarco, Mansoor Moaddel. "Nepali Migrants to the Gulf Cooperation Council Countries: Values, Behaviors, and Plans." Presented at Georgetown University of Qatar, Doha, Qatar, October 2010.

Williams, Nathalie. "Migration During Armed Conflict: Who Stays, Who Leaves, and Why Does it Matter?" Presented at the Carolina Population Center, University of North Carolina, April 23, 2010.

Williams, Nathalie. "Armed Conflict, Mass Media, and Migration." Paper presented at the *Annual Meeting of the Population Association of America*, Dallas, TX, April 2010.

Williams, Nathalie. "Betting on Life and Livelihoods: The Role of Employment and Assets in the Decision to Migrate During Armed Conflict." Paper presented at the *Annual Meeting of the Population Association of America*, Detroit, MI, May 2009.

Williams, Nathalie. "Employment, Assets, and Migration during Armed Conflict." Paper presented at the *Households in Conflict Network Annual Workshop*, Yale University, December 5-6, 2008.

John Knodel, Nathalie Williams, and Chanpen Saengtienchai. "Community Reaction to People Living with HIV/AIDS and their Older-Age Caregivers- Evidence from Cambodia." Paper presented at the *Impact of HIV/AIDS on Older People in Africa and Asia*, Ann Arbor, MI, November 7, 2008.

Williams, Nathalie and Meeta S. Pradhan. "Political Conflict and Migration: How Has Violence and Political Instability Affected Migration Patterns in Nepal?" Paper presented at the *Himalayan Policy Research Conference*, Madison, WI, October 16, 2008.

Williams, Nathalie. "Conflict, Community Services, and Migration." Paper presented at the *Annual Meeting of the Population Association of America*, New Orleans, LA, April 2008.

Williams, Nathalie. "Conflict, Psycho-Social Support, and Migration." Paper presented at *An Unsettled Future? Forced Migration and Refugee Studies in the 21st Century*, Refugee Studies Center, University of Oxford, Dec. 7-8, 2007

Williams, Nathalie. "Political Conflict and Migration: Impact of the Maoist Insurrection on Migration Behavior in Nepal." Poster presented at the *Annual Meeting of the Population Association of America*, New York, NY, March 2007.

Williams, Nathalie and John Knodel. "Older Persons and the HIV/AIDS Epidemic in Cambodia." Poster presented at the *Annual Meeting of the Population Association of America*, New York, NY, March 2007.

Williams, Nathalie. "Education, Gender, and Migration." Paper presented at the *Annual Meeting of the Population Association of America*, Los Angeles, CA, March 30-Apr. 1, 2006.

RELEVANT PROFESSIONAL EXPERIENCE

- 2000-2003 Programme Management Officer
United Nations Population Fund, Phnom Penh, Cambodia
- Managed the 'Population and Development Strategies Sub-Programme', including projects with the National Institute of Statistics, Ministry of Planning, Council of Ministers, and the Royal University of Phnom Penh.
 - Responsible for project budgets totaling approximately \$500,000.
 - Provided policy advice on the National Poverty Reduction Strategy, National Population and Development Policy, and various other government development reports, plans and strategies.

- Sept. 2002 Consultant
International Labor Organization, Phnom Penh, Cambodia
 • Reviewed and edited official report of the Cambodia Child Labor Survey 2001.
- Feb. 2002 Election Observer
Neutral and Impartial Committee for Free and Fair Elections, Svay Rieng, Cambodia
 • Completed training on Cambodian electoral law and procedures.
 • Observed and reported on polling and vote counting at rural stations.

FOREIGN LANGUAGES

Japanese (Intermediate verbal and written)
 Cambodian (Intermediate verbal)

PROFESSIONAL AFFILIATIONS AND SERVICE

- Service: Participant in National Academies of Science workshop on “Himalayan Glaciers, Hydrology, Climate Change, and Implications for Water Security”, October 2011.

 Expert advising and testimony on asylum cases for Nepali citizens in the U.S. 2015-2016.
- Editorial Board: SAGE Open
- Referee: *Proceedings of the National Academy of Sciences, Demography, Social Forces, International Migration, International Migration Review, Population and Environment, Population Place and Space, Society and Mental Health, Sociology of Education, AIDS Care, African Health Sciences, Journal of Cross-Cultural Gerontology, Environmental Research Letters, Journal of Health & Place, Asia Pacific Journal of Migration, BioMed Central Public Health, Asian Journal of Political Science*
 Guest Editor- *Research on Aging*
 Article Editor- *Sage Open*

 Program Committee, Social Computing, Behavioral-Cultural Modeling and Prediction Conference 2013, University of Maryland

 Chair and Member, American Sociological Society Population Section Student Paper Award Committee, 2011-2013.
- Organizer: American Sociological Association 2014 Annual Meeting, session on “Internal Migration”.

 Population Association of America 2015 and 2017 Annual Meeting, Chair for session on “Socioeconomic Status of New Immigrants to the United States” and “Forced Migration”

 Conference on “The Impact of HIV/AIDS on Older Persons in Africa and Asia” at the University of Michigan, November 7-8, 2008. Funded by National Institutes on Aging.
- Professional Organizations: American Sociological Association
 Population Association of America
 International Union for the Scientific Study of Population
 Asian Population Association
 Mekong Regional Development Research Group
 Households in Conflict Network
 Research Network on HIV/AIDS and the Elderly