

# Sophia Chae

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Department of Demography  
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## EMPLOYMENT

- 2019-Present      **University of Montreal**  
Assistant Professor, Department of Demography
- 2017-2019        **Population Council**  
Associate
- 2015-2017        **Guttmacher Institute**  
Senior Research Scientist
- 2013-2015        **Arizona State University**  
Postdoctoral Scholar, Center for Population Dynamics, Sanford School of Social and Family Dynamics

## EDUCATION

- 2013              PhD in Demography, University of Pennsylvania
- 2009              MA in Demography, University of Pennsylvania
- 2008              MS in Population and International Health, Harvard School of Public Health
- 2003              BA in Economics, International Studies, Northwestern University

## RESEARCH INTERESTS

Marriage, Family, Gender, Migration, Social Demography, Sub-Saharan Africa, Quantitative Methods

## PEER-REVIEWED PUBLICATIONS

Weber, Ann M., Benjamino Cislighi, Valerie Meausoone, Safa Abdalla, Iván Mejía-Guevara, Pooja Loftus, Emma Hallgren, Ilana Seff, Lindsay Stark, Cesar G. Victora, Romina Buffarini, Aluísio J. D. Barros, Benjamin W. Domingue, Devika Bhushan, Ribhav Gupta, Jason M. Nagata, Holly B. Shakya, Linda M Richter, Shane A. Norris, Thoai D. Ngo, **Sophia Chae**, Nicole Haberland, Katharine McCarthy, Mark R. Cullen, and Gary L. Darmstadt. 2019. "Gender norms and health: Insights from global survey data." *The Lancet*. 393:2455-68.

**Chae, Sophia** and Jennifer E. Glick. 2018. "Educational Selectivity of Migrants and Current School Enrollment of Children Left-Behind: Analyses in Three African Countries." *International Migration Review*. Online first.

Bankole, Akinrinola, Patrick Kayembe, **Sophia Chae**, Onikepe Owolabi, Jesse Philbin, and Crispin Mabika. 2018. "The Severity and Management of Complications Among Postabortion Patients Treated in Kinshasa Health Facilities." *International Perspectives on Sexual and Reproductive Health* 44(1):1-9.

An, Danming, Natalie D. Eggum-Wilkens, **Sophia Chae**, Sarah R. Hayford, Scott T. Yabiku, Jennifer E. Glick, and Linlin Zhang. 2018. "Adults' Conceptualizations of Children's Social Competence in Nepal and Malawi." *Psychology and Developing Societies* 30(1):1-23.

**Chae, Sophia**, Patrick Kayembe, Jesse Philbin, Crispin Mabika, and Akinrinola Bankole. 2017. "The Estimated Incidence of Induced Abortion in Kinshasa, Democratic Republic of Congo." *PLOS ONE* 12(10): e0184389.

Frye, Margaret and **Sophia Chae**. 2017. "Physical Attractiveness and Women's HIV Risk in Rural Malawi." *Demographic Research* 37(10): 251-294.

- Recipient of *Demographic Research's* Editor's Choice award

**Chae, Sophia**, Sheila Desai, Marjorie Crowell, and Gilda Sedgh. 2017. "Reasons Women Have Induced Abortions: A Synthesis of Findings from 14 Countries." *Contraception* 96(4): 233-241.

**Chae, Sophia**, Sheila Desai, Marjorie Crowell, Gilda Sedgh, and Susheela Singh. 2017. "Characteristics of Women Obtaining Induced Abortions in Selected Low- and Middle-Income Countries." *PLOS ONE* 12(3): e0172976.

**Chae, Sophia**. 2016. "Parental Divorce and Children's Schooling in Rural Malawi." *Demography* 53(6): 1743-1770.

**Chae, Sophia**, Sarah R. Hayford, and Victor Agadjanian. 2016. "Father's Labor Migration and Leaving the Parental Home in Rural Mozambique." *Journal of Marriage and Family* 78(4): 1047-1062.

**Chae, Sophia**. 2016. "Forgotten Marriages? Measuring the Reliability of Marriage Histories." *Demographic Research* 34(19): 525-562.

**Chae, Sophia**. 2013. "Timing of Orphanhood, Early Sexual Debut, and Early Marriage in Four Sub-Saharan African Countries." *Studies in Family Planning* 44(2): 123-146.

## MANUSCRIPTS UNDER REVIEW OR IN PROGRESS

**Chae, Sophia**, Nicole Haberland, Katharine McCarthy, Ann Weber, Gary L. Darmstadt, and Thoai D. Ngo. "The Influence of Schooling on the Stability and Mutability of Gender Attitudes: Findings from a Longitudinal Study of Adolescent Girls in Zambia." (*Revised and Resubmitted - Journal of Adolescent Health*)

**Chae, Sophia**, Victor Agadjanian, and Sarah R. Hayford. "Bridewealth Marriage in the 21st Century: A Case Study from Rural Mozambique." (*Revise and Resubmit - Journal of Marriage and Family*)

**Chae, Sophia**, Mark Montgomery, and Jessie Pinchoff. "Migration, Gender, and Schooling among Urban Adolescents in Africa and Asia."

**Chae, Sophia** and Victor Agadjanian. "A Waning Institution? Prevalence, Quality, and Nature of Polygynous Marriages in Sub-Saharan Africa."

**Sophia Chae** and Philip Anglewicz. "Marriage and Health in Rural Malawi."

## OTHER PUBLICATIONS

**Chae, Sophia** and Thoai D. Ngo. 2017. "The Global State of Evidence on Interventions to Prevent Child Marriage." *GIRL Center Research Brief No. 1*. New York: Population Council.

**Chae, Sophia**, Vanessa Woog, Cyprien Zinsou, and Megan Wilson. 2015. "Barriers to Women's Contraceptive Use in Benin." *In Brief*. New York: Guttmacher Institute.

## GRANTS AND AWARDS

2018-2019 Title: "The Influence of Gender Norms and Attitudes on Adolescent Sexual and Reproductive Health", Subaward from Stanford University as part of *The Lancet Series On the Next Generation of Gender Equality*  
Role: Co-Principal Investigator (Co-PI)  
Amount: \$70,000

2015-2020 Title: "Family Migration and Early Life Outcomes", NICHD, P01 HD080659  
Program Director: Jennifer Glick, Pennsylvania State University  
Role: Consultant  
Amount: Approximately \$5 million

2012, 2013 SAS Graduate Student Travel Award, SASGov Travel Fund Award, University of Pennsylvania

2011, 2013 GAPSA President's Travel Award, University of Pennsylvania

2009 Health and Society in Africa Research Grant, University of Pennsylvania, Department of History and Sociology of Science

2008-2012 NIH/NICHD T32 Training Grant Fellowship, University of Pennsylvania

## INVITED TALKS

2017 "Democratizing Data and Research: How the GIRL Center's Open Data Repository Fosters Innovation and Collaboration." Presented at a Sponsored Research Leader Session at the International Union for the Scientific Study of Population Meeting, Cape Town, South Africa, October 29-November 4.

2012 "Forgotten Marriages? Measuring the Reliability of Retrospective Marriage Histories." Presented at a workshop on Quality and Comparability of Demographic Data in Sub-Saharan Africa, Institut National d'Etudes Démographiques (INED), Paris, France, March 20.

## CONFERENCE PRESENTATIONS

- 2019      **Chae, Sophia** and Victor Agadjanian. "Transformation of Polygyny in Sub-Saharan Africa: A Cross-National Analysis of Changing Prevalence and Characteristics." Presented at the American Sociological Association of America Annual Meeting, New York, August 10-13.
- Chae, Sophia** and Victor Agadjanian. "A Waning Institution? Prevalence, Quality, and Nature of Polygynous Marriages in Sub-Saharan Africa." Presented at the Population Association of America Annual Meeting, Austin, April 10-13.
- 2018      Anglewicz, Philip, and **Sophia Chae**. "Marriage and Mental Health in Malawi." Presented at the Colorado University Population Center Mini-Conference on African Population, Environment, and Health, Boulder, CO, April 25.
- Chae, Sophia**, Nahla G. Abdel-Tawab, Sajeda Amin, Karen Austrian, Erica Chaung, Kelly Hallman, Barbara Mensch, Thoai Ngo, and Stephanie Psaki. "Gender-based Violence Against Adolescents in Seven African Countries." Poster presented at the Population Association of America Annual Meeting, Denver, April 26-28.
- 2017      **Chae, Sophia**, Victor Agadjanian, and Sarah R. Hayford. "Bridewealth Marriage in a Sub-Saharan Setting: Trends and Consequences for Women's Well-being." Poster presented at the International Union for the Scientific Study of Population Meeting, Cape Town, South Africa, October 29-November 4.
- Kayembe, Patrick, Crispin Mabika, **Sophia Chae**, Jesse Philbin, and Akinrinola Bankole. "Postabortion Care Patients in Kinshasa, Democratic Republic of Congo." Presented at the International Union for the Scientific Study of Population Meeting, Cape Town, South Africa, October 29-November 4.
- Chae, Sophia**, Patrick Kayembe, Jesse Philbin, Crispin Mabika, and Akinrinola Bankole. "The Estimated Incidence of Induced Abortion in Kinshasa, Democratic Republic of the Congo." Presented at the Population Association of America Annual Meeting, Chicago, April 27-29.
- 2016      **Chae, Sophia**, Victor Agadjanian and Sarah R. Hayford. "Bridewealth Marriage in a Sub-Saharan Setting: Trends and Consequences for Women's Well-being." Presented at the Sociology of the Family Refereed Roundtable at the American Sociological Association Annual Meeting, Seattle, WA, August 20-23.
- Chae, Sophia**, Sheila Desai, Marjorie Crowell, Gilda Sedgh, and Susheela Singh. "Characteristics of Women Who Seek Induced Abortions in Developing Countries." Poster presented at the Population Association of America Annual Meeting, Washington D.C., March 31-April 2.
- 2015      **Chae, Sophia**, Sheila Desai, Marjorie Crowell, and Gilda Sedgh. "Characteristics of Women Who Seek Induced Abortions in Developing Countries." Presented at the Seventh African Population Conference, Johannesburg, South Africa, November 30-December 4.

**Chae, Sophia**, and Jennifer E. Glick. "Educational Selectivity of Migrants and Current School Enrollment in Four Sub-Saharan African Countries." Presented at the Population Association of America Annual Meeting, San Diego, CA, April 30-May 2.

2014 **Chae, Sophia**, Sarah R. Hayford and Victor Agadjanian. "Father's Labor Migration and Leaving the Parental Home in Rural Mozambique." Presented at the American Sociological Association Annual Meeting, San Francisco, CA, August 16-19.

**Chae, Sophia**. "Forgotten Marriages? Measuring the Reliability of Retrospective Marriage Histories." Presented at the Population Association of America Annual Meeting, Boston, MA, May 1-3.

**Chae, Sophia**, Sarah R. Hayford and Victor Agadjanian. "Father's Labor Migration and Leaving the Parental Home in Rural Mozambique." Poster presented at the Population Association of America Annual Meeting, Boston, MA, May 1-3.

2013 **Chae, Sophia**. "Does Parental Divorce and Remarriage Matter for Children's Schooling? Evidence from Rural Malawi." Presented at the International Sociological Association (RC06) Seminar on Demographic and Institutional Change in Global Families, Taipei, Taiwan, March 28-30.

2012 **Chae, Sophia**. "Divorce, Remarriage, and Children's Outcomes in Rural Malawi." Poster presented at the Population Association of America Annual Meeting, San Francisco, CA, May 3-5.

**Chae, Sophia**. "Divorce, Remarriage, and Children's Outcomes in Rural Malawi." Presented at the Mini-Conference on Marriage Patterns, Union Stability, and HIV in Sub-Saharan Africa, San Francisco, CA, May 1-2.

2011 **Chae, Sophia**. "Forgotten Marriages? Measuring the Reliability of Retrospective Marriage Histories." Presented at the Sixth African Population Conference, Ouagadougou, Burkina Faso, December 5-9.

**Chae, Sophia**. "Divorce, Remarriage, and Children's Outcomes in Rural Malawi." Presented at the Sixth African Population Conference, Ouagadougou, Burkina Faso, December 5-9.

**Chae, Sophia**. "Does Timing of Orphanhood and HIV Prevalence Matter? A Look at Orphans' Transitions to Sexual Debut and Marriage in Four Sub-Saharan African Countries." Presented at the Population Association of America Annual Meeting, Washington D.C., March 31-April 2.

## TEACHING EXPERIENCE

Professor, DMO 3450, Économie et population (Economics and Population), Undergraduate-level, University of Montreal, Spring 2020

Professor, DMO 6371, Méthodes statistiques en démographie (Statistical Methods in Demography), Graduate-level, University of Montreal, Department of Demography, Spring 2020

Guest Lecturer, Graduate Research Methods (SC 5101), "Fieldwork in Sub-Saharan Africa", Graduate-level, National University of Singapore, Department of Sociology, Fall 2018

Guest Lecturer, Dynamics of Population (SOC 451), "Demographic Research in Sub-Saharan Africa", Undergraduate-level, Michigan State University, Department of Sociology, Fall 2018

## PROFESSIONAL AND RESEARCH EXPERIENCE

2012 *Fieldwork Director*, Malawi Longitudinal Study of Families and Health (MLSFH), Malawi  
Supervised survey team to collect data from 1200 respondents in rural Malawi; led supervisor and interviewer trainings

2011-2013 *Research Assistant*, University of Pennsylvania  
Performed data quality checks; supervised undergraduate and graduate students on tasks related to the Malawi Longitudinal Study of Families and Health (MLSFH)

2010 *Field Assistant*, Malawi Longitudinal Study of Families and Health (MLSFH), Malawi  
Coordinated data collection of anthropometric measurements; performed data quality checks; reviewed questionnaires for completeness and internal consistency; facilitated supervisor and interviewer trainings

2009 *Intern*, Population Council, Burkina Faso  
Conducted research on determinants of early marriage in Burkina Faso; revised and translated policy reports from English to French

2008 *Research Assistant*, Harvard School of Public Health  
Conducted analysis of low fertility using data from the Women's Health in Accra Survey

2007 *Intern*, United Nations Population Fund (UNFPA), Burkina Faso  
Analyzed strategy of using married adolescents as peer educators; conducted analysis of unwanted pregnancies among unmarried adolescents

2003-2006 *Small Enterprise Development Volunteer*, Peace Corps, Burkina Faso  
Obtained funding for income-generating activities and created savings and credit clubs for village-based women's groups; coordinated HIV/AIDS awareness campaigns

## SERVICE AND MEMBERSHIPS

2019 Organizer, African Population Conference  
Session: Family and Marriage in Sub-Saharan Africa: Transformation and Consequences

Presider, American Sociological Association Annual Meeting  
Session: Family Formation Across the Globe

Chair, Population Association of America Annual Meeting  
Session: Gender and Inequality in Low and Middle-Income Countries

- 2017 Organizer, Population Association of America Annual Meeting  
Sessions: Family Diversity and Child Well-Being in Developing Countries, Family Diversity and Child Well-Being in the United States
- 2015 Chair, African Population Conference  
Sessions: Adolescents' Use of Contraception (and Contraceptive Choice), Marginalized and High-Risk Youth
- Discussant, African Population Conference  
Session on Sexual and Reproductive Decision-making
- 2014 Organizer, Center for Population Dynamics Colloquium Series, Arizona State University
- 2009-2010 Graduate Student Mentor, University of Pennsylvania
- Reviewer *Culture, Health, and Sexuality, Demographic Research, Demography, International Perspectives on Sexual and Reproductive Health, Journal of Adolescent Health, Journal of Marriage and Family, PLOS One, Population Research and Policy Review, Population Studies, Social Forces, Social Problems, Sociological Focus, Studies in Family Planning*
- Member American Sociological Association (ASA), International Union for the Scientific Study of Population (IUSSP), Population Association of America (PAA), Union for African Population Studies (UAPS)

## **LANGUAGE SKILLS**

English (Native), French (Fluent), Korean (Conversational), Mooré (Basic), and Spanish (Basic)