

# Sophia Chae

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Department of Demography  
University of Montreal  
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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, Health and Well-being, Social Demography, Sub-Saharan Africa, Quantitative Methods

## PEER-REVIEWED PUBLICATIONS

**Chae, Sophia**, Victor Agadjanian, and Sarah R. Hayford. 2021. "Bridewealth marriage in the 21st century: A case study from rural Mozambique." *Journal of Marriage and Family*. 83(2): 409-427.

**Chae, Sophia**, Nicole Haberland, Katharine McCarthy, Ann Weber, Gary L. Darmstadt, and Thoai D. Ngo. 2020. "The influence of schooling on the stability and mutability of gender attitudes: Findings from a longitudinal study of adolescent girls in Zambia." *Journal of Adolescent Health*. 66: S25-S33.

- Chae, Sophia** and Jennifer E. Glick. 2019. "Educational selectivity of migrants and current school enrollment of children left-behind: Analyses in three African countries." *International Migration Review*. 53(3): 736-769.
- 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.
- 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** and Victor Agadjanian. "A waning institution? Prevalence, quality, and nature of polygynous marriages in sub-Saharan Africa."

**Chae, Sophia** and Victor Agadjanian. "Polygyny and fertility: Continuity or change in sub-Saharan Africa."

**Chae, Sophia**, Jessie Pinchoff, Mark Montgomery. "Adolescent migration to urban areas and schooling in Africa and Asia."

**Chae, Sophia** and Victor Agadjanian. "The changing nature of polygynous unions in sub-Saharan Africa: Implications for women's empowerment and marital egalitarianism."

**Chae, Sophia** and Philip Anglewicz. "Marriage and health in rural Malawi."

Agadjanian, Victor and **Sophia Chae**. "Men's migration, marital trajectories, and women's well-being in rural Mozambique."

## 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

2018-2019 Title: "The influence of gender norms and attitudes on adolescent sexual and reproductive health"  
Funder: Gates Foundation  
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

## AWARDS AND FELLOWSHIPS

2020 Subvention d'échanges de connaissance (Travel award), Université de Montréal

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

- 2019 “Marriage and health in Rural Malawi.” Presented at the McGill Centre on Population Dynamics Weekly Seminar. Montreal, Canada, October 30.
- 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

- 2021 **Chae, Sophia** and Victor Agadjanian. “The changing polygyny-fertility association in sub-Saharan Africa.” Presentation at the Population Association of America Annual Meeting, St. Louis, MO, May 5-8. (Held virtually due to COVID-19)
- Agadjanian, Victor and **Sophia Chae**. “Men’s migration, marital trajectories, and women’s subjective well-being in rural Mozambique.” Presentation at the Population Association of America Annual Meeting, St. Louis, MO, May 5-8. (Held virtually due to COVID-19)
- 2020 **Chae, Sophia** and Victor Agadjanian. “Women’s empowerment, marital relations, and the transformation of polygyny in sub-Saharan Africa.” Presentation at the American Sociological Association of America Annual Meeting, San Francisco, August 8-11. (Held virtually due to COVID-19)
- Chae, Sophia** and Victor Agadjanian. “The changing nature of polygynous unions in sub-Saharan Africa: Implications for women’s empowerment and marital egalitarianism.” Presentation at the Population Association of America Annual Meeting, Washington D.C., April 22-25. (Cancelled due to COVID-19)
- Chae, Sophia**, Mark Montgomery, and Jessie Pinchoff. “Gender dimensions of migration: Implications for adolescents’ schooling in urban areas of Africa and Asia.” Poster presentation at the Population Association of America Annual Meeting, Washington D.C., April 22-25. (Cancelled due to COVID-19)
- 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 AND ADVISING

### *Teaching*

DMO3450 (undergraduate): Economics and Population (Winter 2020 and 2021)

DMO6371 (graduate): Statistical Methods in Demography (Winter 2020, Fall 2020)

DMO6430 (graduate): Population and Development (Winter 2021)

### *Advising* (\* indicates chair)

Guéter Port-Louis\* (PhD expected 2024)

Stéphanie Rakatovo\* (MA expected 2022)

## SERVICE AND MEMBERSHIPS

### *University of Montreal*

2021-Present **Co-Chair**, Visibility Committee, Department of Demography

2020-Present **Departmental Representative**, Online Teaching, Faculty of Arts and Sciences

2020-Present **Member**, Equity, Diversity, and Inclusion Committee, Faculty of Arts and Sciences

2019-Present **Organizer**, Seminar Series, Department of Demography

*Arizona State University*

2014 **Organizer**, Center for Population Dynamics Colloquium Series, Arizona State University

*University of Pennsylvania*

2009-2010 Graduate Student Mentor, University of Pennsylvania

*External Service*

2021 **Poster Discussant**, Population Association of America Annual Meeting, Education, Work, and Economic Equality

2021 **Postdoctoral Committee Member** (Sociology/Demography), Fonds de recherche du Québec – Santé et culture (FRQSC),

2019-Present **Deputy Editor**, *Canadian Studies in Population*

2019 **Session Co-organizer** (with Vissého Adjiwanou), African Population Conference, Family and Marriage in Sub-Saharan Africa: Transformation and Consequences

2019 **Session Chair**, American Sociological Association Annual Meeting, Family Formation Across the Globe

2019 **Session Chair**, Population Association of America Annual Meeting, Gender and Inequality in Low and Middle-Income Countries

2017 **Session Organizer** (2x), Population Association of America Annual Meeting, Family Diversity and Child Well-Being in Developing Countries, Family Diversity and Child Well-Being in the United States

2015 **Session Chair** (2x), African Population Conference, Adolescents' Use of Contraception (and Contraceptive Choice), Marginalized and High-Risk Youth

2015 **Session Discussant**, African Population Conference, Sexual and Reproductive Decision-making

Reviewer *Cahiers Québécois de démographie, Canadian Studies in Population, Culture, Health, and Sexuality, Demographic Research, Demography, Development Southern Africa, 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, Sociological Perspectives, Studies in Family Planning*

Member American Sociological Association (ASA), Association des Démographes du Québec (ADQ), International Union for the Scientific Study of Population (IUSSP), Population Association of America (PAA), Union for African Population Studies (UAPS)

**LANGUAGES**

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