

Sophia Chae

May 2023

Département de démographie
Université de Montréal
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EMPLOYMENT

2019-Present	Université de Montréal 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

AFFILIATIONS

2019-Present	McGill Centre on Population Dynamics Full member
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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

Agadjanian, Victor and **Sophia Chae**. "Long-term consequences of men's migration for women's well-being in a rural African setting." Forthcoming at *Sociological Perspectives*.

Chae, Sophia and Victor Agadjanian. 2022. "The transformation of polygyny in sub-Saharan Africa." *Population and Development Review*. 48(4): 1125-1162.

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 incidence of induced abortion in Kinshasa, Democratic Republic of Congo, 2016." *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 why 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. "Polygyny and fertility: Continuity or change in sub-Saharan Africa."
- 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**, Jessie Pinchoff, and Mark R. Montgomery. "Adolescent urban migration, schooling, and work in sub-Saharan Africa."
- Chae, Sophia**, Hans-Peter Kohler, and Iliana V. Kohler. "Intergenerational impact of aging on children's well-being."
- Chae, Sophia**, Victor Agadjanian, Sarah R. Hayford, Jennifer E. Glick, and Nathalie Eggum. "Men's migration, social support, and women's health and well-being in Mozambique and Nepal".
- Sanchez Paez, David, **Sophia Chae**, and Bruno Schoumaker. "HIV and fertility in sub-Saharan Africa: Are adolescents different?"
- Chae, Sophia** 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

External – Ongoing

2023-2025 **National Institute of Child Health and Development (NICHD), R03 HD111618**

Title: Marriage and health in Malawi

Role: co-Principal Investigator

Total costs: \$158,789 USD

2021-2024 **Social Sciences & Humanities Research Council of Canada (SSHRC) Insight Development Grant**

Title: "Men's migration, social support, and women's health and well-being in three diverse contexts"

Role: Principal Investigator

Direct costs: \$49,886 CAD (~\$39,392 USD)

External – Completed

2015-2022 **National Institutes of Health, NICHD, P01 HD080659:**

Title: "Family migration and early life outcomes",

Program Director: Jennifer Glick, Pennsylvania State University

Role: Consultant

Total costs: \$4,867,581 USD

2018-2019 **Gates Foundation (via Stanford University)**

Title: "The influence of gender norms and attitudes on adolescent sexual and reproductive health"

Role: co-Principal Investigator

Direct costs: \$70,000 USD

Internal – Under review

Submitted **Subventions d'Exploration, Université de Montréal**

May 2023 Title: "Sibling mortality in low- and middle-income countries"

Role: Principal Investigator

Direct costs: \$7,000 CAD (~\$5,233 USD)

Internal – Completed

2020, 2021 Subvention d'échanges de connaissance (Travel award), Université de Montréal

- Declined 2021 award

AWARDS AND FELLOWSHIPS

- 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

- 2023 **Chae, Sophia**, Victor Agadjanian, Sarah R. Hayford, Jennifer E. Glick, and Nathalie Eggum. "Men's migration, social support, and women's health and well-being in Mozambique and Nepal." To be presented at the Canadian Population Society Annual Meeting, Toronto, ON, May 31-June 2.
- Chae, Sophia**, Victor Agadjanian, Sarah R. Hayford, Jennifer E. Glick, and Nathalie Eggum. "Men's migration, social support, and women's health and well-being in Mozambique and Nepal." Presented at the Population Association of America Annual Meeting, New Orleans, LA, April 12-15.
- Sanchez Paez, David, **Sophia Chae**, and Bruno Schoumaker. "HIV and fertility in sub-Saharan Africa: Are adolescents different?" Presented at the Population Association of America Annual Meeting, New Orleans, LA, April 12-15.

- 2022 **Chae, Sophia**, Hans-Peter Kohler, and Iliana Kohler. "The influence of grandparents' health and mortality on children's well-being." Presented at the American Sociological Association Annual Meeting, Los Angeles, CA, August 5-9.
- Chae, Sophia**, Hans-Peter Kohler, and Iliana Kohler. "Intergenerational impact of aging on children's health." Presented at the Canadian Population Society Annual Meeting, Virtual, May 10-13.
- Chae, Sophia**, Hans-Peter Kohler, and Iliana Kohler. "Intergenerational impact of aging on children's health and schooling." Presented at the Population Association of America Annual Meeting, Atlanta, GA, April 6-9.
- 2021 **Chae, Sophia** and Victor Agadjanian. "Polygyny and fertility: Continuity or change in sub-Saharan Africa." Presented at the International Population Conference, Hyderabad, India, December 5-10. (Held virtually due to COVID-19)
- Chae, Sophia**, Jessie Pinchoff, and Mark R. Montgomery. "Adolescent urban migration, schooling, and work in sub-Saharan Africa." Poster presented at the International Population Conference, Hyderabad, India, December 5-10. (Held virtually due to COVID-19)
- Chae, Sophia** and Victor Agadjanian. "The changing polygyny-fertility association in sub-Saharan Africa." Presented 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." Presented 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." Presented at the American Sociological Association 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." Presented at the Population Association of America Annual Meeting, Washington D.C., April 22-25. (Cancelled due to COVID-19)
- Chae, Sophia**, Mark R. Montgomery, and Jessie Pinchoff. "Gender dimensions of migration: Implications for adolescents' schooling in urban areas of Africa and Asia." Poster presented 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 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 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 African Population Conference, Ouagadougou, Burkina Faso, December 5-9.

Chae, Sophia. "Divorce, remarriage, and children's outcomes in rural Malawi." Presented at the 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, 2021, 2022; Fall 2022)

DMO3600 (undergraduate): Population Sciences (Winter 2022, 2023)

DMO6371 (graduate): Statistical Methods in Demography (Winter 2020, 2023; Fall 2020, Fall 2021)

DMO6430 (graduate): Population and Development (Winter 2021; Fall 2021, 2022)

Guest lecture

DMO3600 (undergraduate): Computing for Demography (Winter 2022, 2023)

- 'Introduction to Stata' (two weeks)

Advising

Avelin Peguy Angos (PhD expected 2025)

Stéphanie Rakatova (MA expected 2023)

Guéter Port-Louis (MA expected 2023)

Élorri Jorajuria (MA expected 2023)

David Sanchez Paez (MITACS postdoc; 2022)

SERVICE AND MEMBERSHIPS

Université de Montréal

2022-2023 **Member**, Search Committee for Department Director, Department of Demography

2022-Present **Member**, Equity, Diversity, and Inclusion Committee, Department of Demography

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

2020-Present **Faculty Representative**, Committee on Equity, Diversity, and Inclusion and Relations with the First Peoples, Université de Montréal

2020-2022 **Departmental Representative**, Pedagogical Cell for Teaching, Faculty of Arts and Sciences

2020, 2021 **Member**, PhD Synthesis Exam Committee, Department of Demography

2019-2022 **Organizer**, Seminar Series, Department of Demography

MA Thesis Proposal Committee

- Léonie Trudeau-Laurin (2022)
- Inti Salgado Carvajal (2023)

MA Thesis Committee

- Lamia Berrada (2021)

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

2023-2025 **Councilor**, Canadian Population Society

2023 **Session Chair**, Canadian Population Society Annual Meeting, Session: Fertility

2023 **Poster Judge**, Population Association of America Annual Meeting, Session: Family, Children, and Intergenerational Relations

2023 **External Member**, PhD dissertation committee (Madeleine Henderson), McGill University, Department of Sociology

2022-2023 **Mentor**, Section on Sociology of Population, American Sociological Association

2022-2023 **Member**, Program committee for Section on Sociology of Population, American Sociological Association

2022 **Discussant**, Population Association of America Annual Meeting, Conceptualization and Measurement of Gender Attitudes

2022 **Session co-Chair**, Population Association of America Annual Meeting, Families and Health Over the Life Course

2021 **Poster Judge**, International Population Conference

2021 **Session Chair**, Colloquium of Association of Demographers of Quebec (ADQ), World Population Likely to Shrink After Mid-Century, Forecasting Major Shifts in Global Population and Economic Power

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),

- 2021-Present **Associate Editor**, *Canadian Studies in Population*
- 2019-2021 **Deputy Editor**, *Canadian Studies in Population*
- 2019 **Session co-Organizer**, 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**, 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**, 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, Feminist Economics, Gender & Society, International Perspectives on Sexual and Reproductive Health, Journal of Adolescent Health, Journal of Marriage and Family, Journal of Population Research, PLOS One, Population and Development Review, Population and Environment, Population Research and Policy Review, Population Studies, Social Forces, Social Problems, Social Science & Medicine, Sociological Focus, Sociological Perspectives, Studies in Family Planning*
- Member American Sociological Association (ASA), Association des Démographes du Québec (ADQ), Canadian Population Society (CPS), 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)