Sophia Chae

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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

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**. 2023. "Long-term consequences of men's migration for women's well-being in a rural African setting." *Sociological Perspectives*. OnlineFirst.
- **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., Beniamino Cislaghi, 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**, Victor Agadjanian, Sarah R. Hayford, Jennifer E. Glick, and Natalie Eggum. "Men's migration, social support, and women's health and well-being in Mexico, Mozambique, and Nepal."
- **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."
- 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."
- **Chae, Sophia**, Heeju Sohn et Emily Smith-Greenaway. "Early life sibling loss in low- and middle-income countries."

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	
2023-2025	Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) , <i>R03 HD111618</i> , "Marriage and health in Malawi", co-Principal Investigator, Total costs: \$158,789 USD
2021-2024	Social Sciences & Humanities Research Council of Canada (SSHRC), <i>Insight Development Grant</i> , "Men's migration, social support, and women's health and wellbeing in three diverse contexts", Principal Investigator, Direct costs: \$49,886 CAD (~\$37,000 USD)
2018-2019	Bill & Melinda Gates Foundation , "The influence of gender norms and attitudes on adolescent sexual and reproductive health", co-Principal Investigator, Direct costs: \$70,000 USD
2015-2022	Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) , <i>P01 HD080659</i> , "Family migration and early life outcomes", Consultant, Program Director: Jennifer E. Glick, Total costs: \$4,867,581 USD
Under review	Fonds de recherche du Québec – Society and Culture (FRQSC), Research Support for New Academics, "Sibling mortality in low- and middle-income countries", Principal Investigator, Amount requested: \$45,000 CAD (~\$33,000 USD)
Under review	Social Sciences & Humanities Research Council of Canada (SSHRC), Insight Grant, "Understanding family dynamics in Africa: Focus on blended families in an urbanization scenario", Collaborator, Principal Investigator: Vissého Adjiwanou, Amount requested: \$381,620 CAD (~\$278,000 USD)
Internal	
2023-2025	Social Sciences & Humanities Research Council of Canada (SSHRC), Explore Grant (funds to prepare a grant proposal), "Sibling mortality in low- and middle-income countries", Principal Investigator, Direct costs: \$7,000 CAD (~\$5,200 USD)

AWARDS AND FELLOWSHIPS

2020, 2021	Social Sciences & Humanities Research Council of Canada (SSHRC), Subvention d'échanges de connaissance (Travel award), Université de Montréal • Declined 2021 award
2018	Editor's Choice Award (with Margaret Frye), Demographic Research
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

ADDITIONAL EXPERIENCE

2012	Malawi Longitudinal Study of Families and Health (MLSFH), Malawi Fieldwork Director
2010	Malawi Longitudinal Study of Families and Health (MLSFH), Malawi Field Assistant
2009	Population Council, Burkina Faso Intern
2007	EngenderHealth, Ghana Intern in Monitoring and Evaluation for Action for West Africa – Reproductive Health
2007	United Nations Population Fund (UNFPA), Burkina Faso Intern in Adolescent Reproductive Health
2003-2006	Peace Corps, Burkina Faso Small Enterprise Development Volunteer

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 Population Conference, Cape Town, South Africa, October 29-November 4.

"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'Études Démographiques (INED), Paris,
France, March 20.

CONFERENCE PRESENTATIONS

- 2024 **Chae, Sophia**, Heeju Sohn, and Emily Smith-Greenaway. "Early life sibling loss in low-and middle-income countries." To be presented at the Population Association of America Annual Meeting, Columbus, OH, April 17-20.
- Chae, Sophia, Victor Agadjanian, Sarah R. Hayford, Jennifer E. Glick, and Natalie Eggum. "Men's migration, social support, and women's health and well-being in three diverse contexts." 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 Natalie Eggum. "Men's migration, social support, and women's health and well-being in three diverse contexts." 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.

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)

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.

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.

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 Population Conference, Cape Town, South Africa, October 29-November 4.

2019

2018

2017

Kayembe, Patrick, Crispin Mabika, Sophia Chae, Jesse Philbin, and Akinrinola Bankole. "Postabortion care patients in Kinshasa, Democratic Republic of Congo." Presented at the International Population Conference, 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.

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.

2013

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

Teaching

Undergraduate

DMO3450: Economics and Population (Winter 2020, 2021, 2022; Fall 2022)

DMO3600: Population Sciences (Winter 2022, 2023, 2024) DMO46001/46002: Honors Thesis (Fall 2023; Winter 2024)

Graduate

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

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

DMO7010: Synthesis (preparation for PhD comprehensive exam) (Winter 2024)

Guest lecture

Undergraduate

DM03600 (undergraduate): Computing for Demography (Winter 2022, 2023)

'Introduction to Stata' (two weeks)

MENTORSHIP

Graduate/Postdoc Mentoring

Avelin Peguy Angos (PhD expected 2025) Moustapha Dieng (MA expected 2024) Stéphanie Rakatovoa (MA expected 2024) Élorri Jorajuria (MA expected 2024) Bakry Alsaieq (MA expected 2024) Guéter Port-Louis (MA expected 2023) David Sanchez Paez (MITACS postdoc; 2022)

Undergraduate Mentoring

Maxence Fréchette (BA expected 2024, Honors thesis; Research assistant, 2022) Élorri Jorajuria (Research assistant, 2021) Silvia Grueva (Research assistant, 2021)

MA Thesis Proposal Committee

Inti Salgado Carvajal (2023), Committee member Léonie Trudeau-Laurin (2022), Committee member

MA Thesis Committee

Lamia Berrada (2021), Committee member

PhD Dissertation Proposal Committee

Houlio St Preux (2023), Committee member Yao Jean Kouadio (2023, Université du Québec à Montréal), Committee member

PhD Dissertation Committee

Madeleine Henderson (2023, McGill University, Department of Sociology), External member

SERVICE AND MEMBERSHIPS

Université de Montréal		
	2023-2024	Departmental Representative (substitute), Syndicat général des professeurs et
		professeures de l'Université de Montréal (faculty union)
	2023-2024	Member, Faculty Search Committee, Department of Demography
	2023-Present	Co-Director, Undergraduate Program, Department of Demography
	2023-Present	Member, Graduate Admissions and Scholarship Committee, Department of
		Demography
	2022-2023	Member, Search Committee for Department Chair, Department of Demography
	2022-Present	Member, Equity, Diversity, and Inclusion Committee (EDI), Department of Demography
	2021-Present	Co-Chair, Visibility Committee, Department of Demography
	2020-Present	Faculty Representative, Committee on Equity, Diversity, and Inclusion (EDI) 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 Comprehensive Exam Committee, Department of Demography
	2019-2022	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

Editorial

2021-Present Associate Editor, Canadian Studies in Population2019-2021 Deputy Editor, Canadian Studies in Population

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

Grant Review

Fonds de recherche du Québec – Society and Culture (FRQSC), Postdoctoral Committee

Member (Sociology/Demography)

Professional Associations/Conferences

American Sociological Association

2023-2024	Member, Family Section, Outstanding Graduate Student Paper Award Committee
2022-2023	Mentor, Section on Sociology of Population
2022-2023	Member, Program committee for Section on Sociology of Population
2019	Session Chair, "Family Formation Across the Globe"

Population Association of America

2023	Poster Judge, "Family, Children, and Intergenerational Relations"
2022	Discussant, "Conceptualization and Measurement of Gender Attitudes"
2022	Session Co-Chair, "Families and Health Over the Life Course"
2021	Poster Discussant, "Education, Work, and Economic Equality"
2019	Session Chair, "Gender and Inequality in Low and Middle-Income Countries"
2017	Session Organizer, "Family Diversity and Child Well-Being in Developing Countries",
	"Family Diversity and Child Well-Being in the United States"

Canadian Population Society

2023-2025 Councilor

2023 Session Chair, "Fertility"

Union for African Population Studies (African Population Conference)

2019 Session Co-Organizer, "Family and Marriage in Sub-Saharan Africa: Transformation and

Consequences"

Session Chair, "Adolescents' Use of Contraception (and Contraceptive Choice)",

"Marginalized and High-Risk Youth"

2015 Session Discussant, "Sexual and Reproductive Decision-making"

Other Associations/Conferences

2021 Poster Judge, International Population Conference

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"

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)