

ETHAN SHARYGIN
Curriculum Vitae, March 2024

CONTACT DETAILS:

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EDUCATION:

University of Pennsylvania
University of California, Berkeley
University of Washington

DEGREE:

Ph.D. 2013
M.P.P./M.A. 2006
B.A. 2003

FIELD:

Demography
Public Policy/Asia Studies
Political Economy/Chinese

PROFESSIONAL EXPERIENCE:

	DATE
Director, Population Research Center, Portland State University / PSU	8/2020-Present
Assistant Professor, College of Urban and Public Affairs, PSU	8/2020-Present
Assistant Chief, Demographic Research Unit, CA Department of Finance	10/2017-7/2020
Demographer III, Demographic Research Unit, CA Department of Finance	6/2014- 9/2017
Senior Fellow, Inst. for Health Metrics and Eval., Univ. of WA / UW IHME	9/2013- 6/2014
Visiting Scholar, Vienna Institute of Demography	6/2013- 8/2013
Research Assistant, Central Asia Mortality Database, U. Penn	9/2009- 5/2013
Visiting Scholar, International Institute for Applied Systems Analysis / IIASA	6/2011- 8/2011
Research Assistant, Univ. of Penn. (Herbert L. Smith)	7/2012- 10/2012
Research Assistant, Univ. of Penn. (Emily Hannum)	9/2008- 6/2009
Program Manager, Northeast Asia Economic Forum / NEAEF	6/2007- 7/2008
Research Assistant, Public Policy Institute of California	7/2005- 5/2007
Research Assistant, Federal Reserve Bank of San Francisco	7/2004- 1/2005

TEACHING:

Courses: USP 520 Demographic Methods
USP 521 Demographic Methods II
USP 522 Demography Practicum

Areas: **Applied demography** (population estimation and projections, census, migration);
Research methods (social statistics; GIS; computational methods);
Population health (health/mortality/longevity; fertility measurement and projections);
Gender and development (human capital; marriage; masculine sex ratios);

PUBLICATIONS and WORKING PAPERS:

Peer reviewed articles:

Hoffman, Erin, Justin Gest, Jack Goldstone, Annie Hines, Guizhen Ma, Ethan Sharygin. 2024.
“Demographic and Economic Implications of Alternative US Immigration Policies” *Under Review.*

- Bozick, Robert, Lane F. Burgette, Ethan Sharygin, Regina A. Shih, Beverly Weidmer, Michael Tzen, Aaron Kofner, Jennie E. Brand, Hiram Beltrán-Sánchez. 2023. “Evaluating the Accuracy of 2020 Census Block-Level Estimates in California.” *Demography* Vol. 60, No. 6, Dec 2023. doi: [10.1215/00703370-11075209](https://doi.org/10.1215/00703370-11075209)
- Dyrting, Sigurd, Abie Flaxman, Ethan Sharygin. 2022. “Reconstruction of age distributions from differentially private census data.” *Popul Res Policy Rev* Vol. 41, pp. 2311–2329. doi: [10.1007/s11113-022-09734-2](https://doi.org/10.1007/s11113-022-09734-2)
- Sleeter, Benjamin, Tamara Wilson, Ethan Sharygin, Jason Sherba. 2017. “Future Scenarios of Land Change Based on Empirical Data and Demographic Trends.” *Earth’s Future*, Vol .5, No 11., Nov. 2017. doi: [10.1002/2017EF000560](https://doi.org/10.1002/2017EF000560).
- Sharygin, Ethan and Michel Guillot. 2013. “Ethnicity, Russification, and Excess Mortality in Kazakhstan.” *Vienna Yearbook of Population Research*, Vol. 13. doi: [10.1553/populationyearbook2013s219](https://doi.org/10.1553/populationyearbook2013s219)
- Sharygin, Ethan, Monica Das Gupta, Avraham Ebenstein. 2012. “Implications of China’s future bride shortage for the geographical distribution and social protection needs of never-married men.” *Population Studies* Vol. 67, No. 1, Jan. 2013. doi: [10.1080/00324728.2012.723893](https://doi.org/10.1080/00324728.2012.723893)
- Ebenstein, Avraham and Ethan Sharygin. 2009. “The Consequences of the Missing Girls of China” *World Bank Economic Review* Vol. 23, No. 3, Dec. 2009. doi: [10.1093/wber/lhp012](https://doi.org/10.1093/wber/lhp012)

Book chapters:

- Sharygin, Ethan and Arthur C. Nelson. 2024. “Population: The Changing Face of Oregon Toward 2050.” Horst, Megan, ed., *Toward Oregon 2050* (Oregon State University Press) *Forthcoming*.
- Sharygin, Ethan. 2020. “Methods for estimating population displacement after California wildfires.” Taylor, A. and Karacsonyi, D., eds. *Demography of Disaster* (Netherlands: Springer Verlag). doi: [10.1007/978-3-030-49920-4_3](https://doi.org/10.1007/978-3-030-49920-4_3)
- Ebenstein, Avraham and Ethan Sharygin. 2015. “Demographic Change, Prostitution, and Sexually Transmitted Infection Rates in China.” Shah, M. and S. Cunningham, eds., *Handbook on the Economics of Prostitution* (Oxford University Press). doi: [10.1093/oxfordhb/9780199915248.013.23](https://doi.org/10.1093/oxfordhb/9780199915248.013.23)
- Ebenstein, Avraham and Ethan J. Sharygin. 2009. “ ‘Bare Branches’, Prostitution, and HIV in China: A Demographic Analysis” Tucker, Joe, et al., eds. *HIV and Gender Policy in China: Catalyzing Policy Change* (Netherlands: Springer Verlag). doi: [10.1007/978-1-4020-9900-7_5](https://doi.org/10.1007/978-1-4020-9900-7_5)

Working papers/manuscripts:

- Sharygin, Ethan. 2024. “An Evaluation of the Low Response Score in relation to 2020 Census outcomes.” Working paper.
- Sharygin, Ethan. 2023. “Sensitivity of projections of US race/ethnic diversity to changing modes of self-identification.” Working paper.

- Sharygin, Ethan. 2021. "Assessing migration after natural disaster: a housing capacity search model." Working paper.
- Sharygin, Ethan and Crystal Yu. 2017. "Adapting Census residual method for state level estimates of emigration." Working paper. <https://paa.confex.com/paa/2017/webprogrampreliminary/Paper16880.html>
- Sharygin, Ethan. 2013. "The carbon cost of an educated future: a consumer lifestyle analysis." Vienna Institute of Demography Working Paper No. 2013.04. <https://ideas.repec.org/p/vid/wpaper/1304.html>
- Smith, Herb, Ethan Sharygin, Vitor Miranda. 2013. "Evidence of Easterlin effects in the demography of homelessness in the US Census." Working paper. <https://www.pop.upenn.edu/sites/www.pop.upenn.edu/files/SharyginMirandaPAA2013.pdf>
- Sharygin, Ethan. 2012. "Application of the stable marriage theorem to projections of China's marriage market." Manuscript (dissertation chapter).
- Sharygin, Ethan. 2011. "Stunting and selection effects of famine: a case study in Russia." Manuscript (dissertation chapter). <https://www.cpc.unc.edu/projects/rhms-hse/publications/1839>

Datasets:

- Population Research Center. *Data Profiles for Portland Neighborhoods 2020* [computer file]. Portland, OR: Portland State University. February 2024. <https://arcg.is/1ySiz9> and <https://arcg.is/0HmP8D>
- Population Research Center. *Oregon Tribal Land & County Population Projections by Race & Ethnicity 2020-2070* [computer file]. Portland, OR: Portland State University. June 2023. <https://www.pdx.edu/population-research/ohna-population-forecasts>
- Population Research Center. *County and urban area projections for Oregon (Region 4) 2020-2070* [computer file]. Portland, OR: Portland State University. July 2021. <https://www.pdx.edu/population-research/population-forecasts>
- Population Research Center. *Model-based estimates of population of Oregon census blocks as of April 1, 2020* [computer file]. Portland, OR: Portland State University. July 2021. https://pdxscholar.library.pdx.edu/prc_pub/45/
- Demographic Research Unit. *Population and Housing Estimates for Cities, Counties, and the State 2010-2019* [computer file]. Sacramento, CA: California Department of Finance. May 2019. <http://www.dof.ca.gov/Forecasting/Demographics/Estimates/>
- Demographic Research Unit. *State and county population projections 2010-2060* [computer file]. Sacramento, CA: California Department of Finance. January 2020. <http://www.dof.ca.gov/Forecasting/Demographics/Projections/>
- Demographic Research Unit. *California County Population Estimates and Components of Change 2010-2019* [computer file]. Sacramento, CA: California Department of Finance. December 2018. <http://www.dof.ca.gov/Forecasting/Demographics/Estimates/>

GRANTS, AWARDS, AND SPONSORED PROJECTS (AS PRINCIPAL INVESTIGATOR)

Grant: Oregon Health Authority, Race/Ethnicity (REALD) County Populations, 2023-25	\$133,800
Contract: City of Portland Office of Civic Life, Neighborhood Profiles, 2023-24	\$61,250
Contract: Portland Public Schools, Enrollment Projections, 2022-24	\$129,148
Contract: Oregon Department of Human Services, County Population Data, 2022-24	\$37,900
Grant: OR DLCD, Population Projections for Oregon Regional Housing Needs, 2021-23	\$310,100
Grant: Oregon Health Authority, Race/Ethnicity (REALD) County Populations, 2021-22	\$158,700
Grant: Geographic Information Council FIT Improvement Grant, Census Data 2022-23	\$85,000
Contract: Oregon Secretary of State, Language Analysis, 2022-24	\$5,400
Contracts: Local Government Redistricting Analysis (cumulative total), 2021-2023	\$160,000

Contract: City of Portland Office of Civic Life, Neighborhood Profiles, 2021-22	\$41,000
Contract: OR Secretary of State, Alternative Redistricting Data, 2021	\$68,000
Contract: Multnomah County Aging and Disability Services / ADVSD, 2021	\$41,000
Contract: Census Equity Funders Committee of Oregon / CEFCO, 2021	\$39,000
Grant: California Neighborhoods Count (on behalf of RAND Corp.), 2019-20	\$4,990,000
Contracts: Fertility analysis for Demographic Intelligence, LLC, cumulative 2015-2020	\$27,000
Award: University of Pennsylvania School of Social Policy and Practice, 2012	\$8,000
Award: The National Academies Committee on Scientific Education, 2011	\$7,800
Traineeship: National Institute of Child Health and Human Development, 2010-2011	\$42,000
Award: World Bank Gender and Development Group, 2009-2010	\$10,000
Award: US Department of Education FLAS Fellowship, 2009 (declined)	\$7,500
Fellowship: University of Pennsylvania Fontaine Society, 2008-2009	\$21,000
Grant: Freeman Foundation (Renewal on behalf of NEAEF), 2006-2007	\$208,000
Fellowship: UC Berkeley Goldman School of Public Policy, 2003-2005	\$40,000

PROFESSIONAL AND DEPARTMENTAL SERVICE

Member, Address Framework Team, Oregon Geographic Information Council (OGIC)	2024-Present
Member, Risk Assessment Work Group, Natural Hazards Mitigation Planning, Oregon Department of Land Conservation and Development	2023-2024
Member, Western States Environmental Justice Tools Workgroup	2023-Present
Member, Committee on Applied Demography, Population Association of America	2022-Present
Reviewer, <i>Demography</i>	2023-2024
Coordinator, Annual Meeting of the Oregon State Census Data Center	2021-Present
Reviewer, <i>Population Health Metrics</i>	2021-2022
Member, Technical Advisory Committee (TAC), Social Vulnerability Tools (SVT), Metro & Regional Disaster Preparedness Organization (RDPO)	2021-2023
Member, Climate Friendly and Equitable Communities Spatial Equity Data Subgroup, Oregon Department of Land Conservation and Development (DLCD)	2021-2023
Member, State Census Data Centers Program (SDC)	2021-Present
Reviewer, <i>Population and Development Review</i>	2019-2024
Member, Methods Committee, Federal-State Cooperative for Population Estimates	2018-Present
Member, Community Burden of Disease Advisory Committee, CA Dept. Pub Health	2017-2020
Member, Forecast Technical Advisory Committee, Assn. of Bay Area Govts. (ABAG)	2017-2020
Member, Forecast Advisory Committee, San Diego Assn. of Govts. (SANDAG)	2017-2018
Member, Technical Advisory Committee, Sacramento Area Council of Govts. (SACOG)	2017-2018
Member, Vital Certificate Review Advisory Committee, CA Dept. of Public Health	2016-2018
Member, Federal-State Coop. for Popul. Estimates/Projections (FSCPE/P)	2015-Present
Coordinator, Annual Meeting of the California State Census Data Center	2015
Reviewer, <i>Population Studies</i>	2012-2019
Reviewer, <i>Social Science and Medicine</i>	2013, 2017
Reviewer, <i>JAMA Pediatrics</i>	2014
Reviewer, <i>Population Research and Policy Review</i>	2012
Departmental Representative to Penn School of Arts and Sciences Student Government	2010-2011
Guest lecturer (grad.), University of Pennsylvania School of Social Policy and Practice	2010
Guest lecturer (undergraduate), University of Pennsylvania Museum	2009

Organizer, Penn Demography Chinese Chat Group	2008-2009
Coordinator, 4 th Northeast Asia Energy Working Group, East-West Center, Honolulu	2008
Coordinator, 16 th Northeast Asia Economic Forum, Toyama, Japan	2007
Coordinator, 4 th Meeting of the Northeast Asia Bank Development Committee	2007

MEMBERSHIPS

American Geophysical Union (AGU)	2023-2024
American Association of Geographers (AAG)	2017-2020
Population Association of America (PAA)	2008-Present
International Union for the Scientific Study of Population (IUSSP)	2008-2014
American Sociological Association (ASA)	2009-2014
Asian Population Association (APA)	2011-2013
University of Pennsylvania Center for Study of Contemporary China	2011-2013
American Society of Health Economists (ASHEcon)	2010-2011
Association Internationale des Étudiants en Sciences Économiques et Commerciales	2000-2003

INVITED PRESENTATIONS AND MEDIA COVERAGE

- 2024: Citizen Involvement Advisory Committee (CIAC) of the Oregon Land Conservation and Development Commission (LCDC): “*Demographic data disaggregation in the census: applications for understanding community disparities.*” Applied Demography Conference (virtual): “*An Evaluation of the Low Response Score in relation to 2020 Census outcomes.*” Population Association of America, Columbus: “*Toward Best Practices for Hamilton–Perry Based Population Projections.*”
- 2023: Annual Meeting of the Oregon State Census Data Center, Portland and Oregon Department of Forestry, Salem: “*Oregon Demographic Updates.*”; Applied Demography Conference, Annapolis: “*Sensitivity of projections of US race/ethnic diversity to changing modes of self-identification.*” Population Association of America, New Orleans: “*Commentary on Small Area Estimates: Challenges and Innovations Post-2020.*”
- 2022: Committee on National Statistics (CNSTAT) of the National Academies of Sciences, Engineering, and Medicine: “*Evaluation of the 2020 Census Demonstration Data for Age Heaping/ Small Areas and Populations: innovative techniques and implications for urban growth and school planning.*”; Population Association of America, Atlanta and Federal Statistical Committee on Population Estimates (FSCPE): “*Reconstruction of Age Distributions From Differentially Private Census Data / Smoothing age distributions from the 2020 US Census with P-TOPALS.*” World Affairs Council of Oregon: “*Great Decisions 2022: Changing Global Demographics.*”
- 2021: Applied Demography Conference (virtual) and Population Association of America (virtual): “*Assessment of Migration after Natural Disasters.*” Cascadia Wildfire Seminar, Portland State University: “*Modeling relocation after urban wildfire.*”; American Statistical Association 4th Annual Symposium on Data Science and Statistics: “*Reconstruction of age distributions from differentially private (DP) data.*”; Census Equity Funders Council of Oregon (OCEF/CEFCO): “*Oregon 2020 Census Updates.*”; City Club of Salem: “*Oregon's changing demographics.*”; US Census Bureau Response Rate Working Group: “*Evaluation of the Low Response Score in relation to 2020 Census outcomes in Oregon.*” Media coverage: [Oregon Public Broadcasting](#), [Associated Press](#), [The Oregonian](#), [NBC](#), [WeDraw](#), [Hinessight](#).

- 2020: Annual Meeting of the Oregon State Census Data Center (virtual): “*Oregon Demographic Updates*”; CEFCO/OCEF: “*Comparing Oregon after Census 2020 and Census 2010.*” Media coverage: [Talking Points Memo](#).
- 2019: Applied Demography and Public Policy Conference, Albuquerque: “*Acute Air Pollution and Population Health: A Case Study of California*”; Federal Statistical Committee on Population Estimates/Projections (FSCPE/P), Austin: “*Methods for Estimating the Population of Sonoma County after the 2017 Wildfires*”; USC-SCAG Demographic Workshop, Los Angeles: “*California demographic checkpoint: key indicators and context*”. Media coverage: [Associated Press](#); [Los Angeles Times](#); [Washington Times](#); [Sacramento Bee](#); [CalMatters](#).
- 2018: American Association of Geographers (AAG), New Orleans: “*Methods for Estimating the Population of Sonoma County after the 2017 Wildfires*”. Media coverage: [Fox](#); [ABC](#).
- 2017: Federal Statistical Committee on Population Projections (FSCPP), Chicago; Population Association of America, Chicago: “*Adapting the Census Residual Method for State-Level Estimates of Emigration*”; USC-SCAG Demographic Workshop, Los Angeles: “*California demographic checkpoint: key indicators and context*”. Media coverage: [KPCC](#); [The Californian](#); [ABC](#); [OC Register](#).
- 2016: Federal Statistical Committee on Population Projections (FSCPP), Washington, D.C. and Population Association of America, Washington, D.C.: “*Energy Intensity of Household Spending by Education: The Carbon Cost of an Educated Future*”; USC-SCAG Demographic Workshop, Los Angeles and Annual Meeting of the California State Census Data Center, Sacramento: “*California demographic checkpoint: key indicators and context*”;
- 2015: USC-SCAG Demographic Workshop, Los Angeles and Annual Meeting of the California State Census Data Center, Sacramento: “*California demographic checkpoint: key indicators and context*”; UC Berkeley Formal Demography Workshop: “*Inequality of lifespan*”. Media coverage: [KPCC](#).
- 2014: California Department of Finance: “*Interpreting alternative measures of poverty for California: the federal and supplemental poverty measures.*”
- 2013: Population Association of America, New Orleans and Institute for Health Metrics and Evaluation, Seattle: “*Uncovering Unusual Mortality Differentials in Central Asia*”. Population Association of America, New Orleans: “*Evidence of a Strong Easterlin Effect in the Demography of Homelessness in the U.S.*”; Chaire Quetelet 2013, Université Catholique de Louvain, Belgium: “*Social physics and the future of demography.*”
- 2012: 2nd Asian Population Conference, Bangkok and IUSSP Conference on Low Fertility, Shanghai and Population Association of America, San Francisco: “*Anticipating China’s unmarried males: stochastic microprojections of marriage market outcomes under demographic uncertainty*”; Population Association of America, San Francisco: “*Demographic change, prostitution, and sexually transmitted infection rates in China*”; Determinants of Unusual and Differential Mortality, Vienna Institute of Demography: “*Uncovering unusual mortality differentials in Kazakhstan*”;
- 2011: Workshop on Fetal Origins, Childhood Exposure, and Famine, Princeton and 12th International Conference on the Modernization of Economy and Society, State University of Higher Economics, Moscow: “*Stunting and selection effects of famine: a case study in Russia*”; “*Stunting and selection effects of famine: a case study in Russia*”. Media coverage: [The Economist](#).

- 2010: Comparative History of Famines Working Group, University of Melbourne: “*Stunting and selection effects of famine: a case study from collectivization*”; Population Association of America, Dallas: “*Single males in China: sensitivity of projections to changes in the sex ratio, fertility, and the age composition of the marriage market*”; 6th Graduate Seminar on China Studies, Chinese University of Hong Kong: “*Socio-economic implications of son preference and fertility decline in China.*”
- <2010: Schreyer Seminar on Marriage and the Social Sciences, Princeton University; Population Association of America, Detroit; Northeast Asia Bank Planning Committee, Tianjin; 16th Northeast Asia Economic Forum, Toyama, Japan; Conference on Reforms for Korea’s Sustained Growth, East West Center, Honolulu; 15th Northeast Asia Economic Forum, Khabarovsk, Russia; Atlantic Treaty Organization Seminar on International Relations, Lisbon; Aobakai Japan Studies Conference, UC Berkeley; 53rd Japan-America Student Conference, Tokyo.