

CONTACT INFORMATION	Center for Social Norms and Behavioral Dynamics University of Pennsylvania 3718 Locust Wk., 439 McNeil Bldg. Philadelphia, PA 19104	Updated on February 20, 2021 Alexey Shpenev shpenev@sas.upenn.edu http://www.shpenev.com
RESEARCH INTERESTS	Social Networks, Family, Health and Inequality, Educational Gradients, Formal Demography, Historical Demography.	
ACADEMIC AFFILIATIONS	<ul style="list-style-type: none"> • Senior Data Research Scientist, Center for Social Norms and Behavioral Dynamics, University of Pennsylvania. 2020 - curr. • Affiliated Researcher 2020 - curr. Population Aging Research Center • Associate Fellow, 2020 - curr. Leonard Davis Institute of Health Economics • Associate Scholar, 2019 - curr. Center for Global Health, Perelman School of Medicine • Affiliated Researcher 2013 - curr. Population Studies Center 	
EDUCATION	<p>University of Pennsylvania, Philadelphia, PA</p> <p>Ph.D., Demography and Sociology Aug 2017</p> <ul style="list-style-type: none"> • Dissertation Title: <i>Three Essays on Social Context, Education, and Health Outcomes among Older Adults</i> • Advisors: Hans-Peter Kohler (chair), Irma T. Elo, Samuel H. Preston, and Kristen Harknett <p>M.A., Demography Aug 2017</p> <p>The Wharton School, Philadelphia, PA</p> <p>M.A., Statistics, Aug 2017</p> <p>Lomonosov Moscow State University, Moscow, Russia</p> <p>B.A., Economics (<i>Cum Laude</i>) Jun 2010</p>	
RESEARCH EXPERIENCE	<p>Postdoctoral Researcher 2017 – 2020 Philosophy, Politics, and Economics, University of Pennsylvania Principal Investigator: Christina Bicchieri</p> <p>Research Assistant 2017 Penn Social Norms Group, University of Pennsylvania Supervisors: Christina Bicchieri and Hans-Peter Kohler. Consulting businesses, government and NGO on behavior change and statistical analysis</p> <p>Researcher 2012 – 2013 Institute for Social Analysis and Forecasting, The Russian Presidential Academy of National Economy and Public Administration Supervisor: Vladimir Nazarov, Ph.D.</p>	

Research Assistant

2010 – 2013

Center for Population Studies,
Moscow State University
Supervisor: Vladimir Arkhangelsky, Ph.D.

PUBLICATIONS

1. Kuang, J.; Thulin, E; Ashraf, S.; **Shpenev, A.**; Delea, M.G.; Das, U.; McNally, P.; Bicchieri. C., "Bias in the perceived prevalence of open defecation: Evidence from Bihar, India", *PLOS One*, 2020.
2. Kuang, J.; Ashraf, S.; **Shpenev, A.**; Delea, M.G.; Das, U.; Bicchieri. C., "Women are more likely to expect social sanctions for open defecation: Evidence from Tamil Nadu India", *PLOS One*, 2020.
3. Bicchieri, C.; Ashraf, S.; Das, U.; Delea, M.; Kohler, H.-P.; Kuang, J.; McNally, P.; **Shpenev, A.**; and Thulin, E., "Phase 2 Project Report. Social Networks and Norms: Sanitation in Bihar and Tamil Nadu, India". Penn Social Norms Group, 2018.
4. Bicchieri, C.; Ashraf, S.; Das, U.; Kohler, H.-P.; Kuang, J.; McNally, P; **Shpenev, A.**; and Thulin, E., "Phase 1 Project Report. Social Networks and Norms: Sanitation in Bihar and Tamil Nadu, India". Penn Social Norms Group, 2017.
5. Goryunov, E., Kazakova, M., Kotlikoff L.J., Mamedov A., Nesterova K., Nazarov V., Grishina E., Trunin P., and **Shpenev, A.**. "Russia's Fiscal Gap." *NBER Working Paper*, 19608, 2013.
6. **Shpenev A.** "Using Individual Microdata of Outpatient Hospitals to determine factors of Mortality and Morbidity." (in Russian) *Determination of Demographic Processes, a collection of articles* (ed. V.N. Arkhangelsky), Moscow, 2012.
7. **Shpenev A.**, Sirotko M.L., Kalmykova N.M. "The Potential of Individual Data for the Analysis of Morbidity and Mortality at Municipal Level." (in Russian) *Regional Demographic Policy, a collection of articles* (ed. V.V. Elizarov and N.G. Dzhanava), Moscow, 2012, 169–180.
8. Laius D., **Shpenev A.** "A secular Age?" (in Russian) *Demoscope Weekly*, 501 – 502, Moscow, 2012.
9. Gridasov G.N., Sirotko M.L., Kalmykova N.M., **Shpenev A.**, and Nemchenko I.A. "Medico-Demographic Approaches to the Estimation of Life Expectancy" (in Russian) ed. by Gridasov, G.N., 2012.
10. **Shpenev A.** "Social and Demographic Characteristics of Respondents" (in Russian), In: *Moving out of Parents' House*, ed. by Kalabikhina I.E., 2012, 23–28.
11. Kalmykova N.M., **Shpenev A.** "Evolution of size and composition of Moscow population" (in Russian), In: *Demographic Development of Moscow at the Verges of 19th and 20th Century*, ed. by Kalmykova N.M., 2011, 7–15.
12. **Shpenev A.** "Epidemiological Transition and Mortality Decline in Moscow" (in Russian), In: *Demographic Development of Moscow at the Verges of 19th and 20th Century*, ed. by Kalmykova N.M., 2011, 54–98.

WORK IN
PROGRESS

1. “Social Determinants of Open Defecation, Toilet Construction, and Toilet Use in India”, PennSONG Social Norms and Sanitation in India Project, PIs – **Cristina Bicchieri, Hans-Peter Kohler**.
2. **Shpenev, A.** “Spousal Education and Later Life Outcomes in the United States.”
3. **Shpenev, A.** “Spillover Effects of Spousal Education on Health: An International Perspective.”
4. **Shpenev, A.** “Do changes in the Educational Homogamy in the US account for the Widening of Educational Gradients in Health?”

AWARDS

- Social Networks and Health Fellowship, Duke University 2017 – 2018
- School of Arts and Sciences Dean’s Travel Subvention 2017
- President Gutmann Leadership Award 2017
- School of Arts and Sciences Dean’s Travel Subvention 2016
- Ben Franklin Fellowship 2013 – 2017
- Gertrude and Otto Pollak Summer Research Fellowship 2015
- Oxford Fund in Russia 2011 – 2012
- Russian Government Educational Fellowship, Full Tuition 2006 – 2013

PRESENTATIONS

- Sanitation behavior in urban and rural India: A networks and norms approach
Quetelet Seminar 2019, Belgium Nov 2019
- Crossing the Hajnal Line in Western Estonia: Understanding the Effect of Denomination on Demographic Behavior Through a Historical Natural Experiment
Population Association of America 2019 meeting Apr 2019
- Mortality Transition in Moscow Population: Disentangling the Epidemiological Transition and Societal Change
Population Association of America 2019 meeting Apr 2019
- Open Defecation Norms in India: Designing a Norms and Networks-centric Intervention to improve Toilet Use in Urban Communities,
The Wash Symposium, University of Colorado Boulder. Feb 2019
- Social Norms and Sanitation in India
2nd Annual International Conference of the India Public Policy Network, University of Delhi. Feb 2019
- The Extraordinary Adventures of Toilet in India: Social Networks and Social Norms of Open Defecation
Economics Department, Moscow State University. Jan 2019
- Mapping Social Networks and Assessing Social Norms Surrounding Toilet Use: Observational Findings from Bihar and Tamil Nadu, India,
Water and Health Conference: Where Science Meets Policy, The Water Institute, Chapel Hill NC. Oct 2018
- Social Determinants of Open Defecation and Latrine Use in India from a Survey on Social Networks and Social Norms (with C. Bicchieri and P. McNally), Social Norms Workshop, New Delhi, India. Jan 2018
- Spousal Education and Later Life Outcomes (poster),
Population Association of America Annual Meeting, Chicago II Apr 2017
- In Sickness and in Health: The Effect of Easier Access to Divorce on Self-Reported Health (poster),
Population Association of America Annual Meeting, Chicago II Apr 2017

- How the toilet in India became a mystery for Economists, Feb 2017
Economics and Mathematics School, Economics Department,
Moscow State University
- Socioeconomic Gradient in Health among Older Russians in 2000s. Feb 2017
Evidence from two WHO Surveys,
Economics Department, Moscow State University.
- Social Networks and Spillover Effects in Demographic Research, Feb 2017
Higher School of Economics Population and Development Program.
- Using Stata to Produce Nice Tabular Output, Nov 2016
Behind the Paper Series, Demography Club,
University of Pennsylvania.
- Stop, Question, and Frisk Policing and Community Mental Health: Aug 2016
Opposing Effects on Black and Non-Black New York City Residents
(with Kristen Harknett, presented by K. Harknett),
American Sociological Association, Seattle WA.
- Did the Educational Gradient in Health Become Wider Among Older Apr 2016
Russians in the 2000s? Evidence from two WHO Surveys,
Population Association of America Annual Meeting, Washington DC.
- Educational Attainment in Households and Health in Russia (poster), Apr 2016
Population Association of America Annual Meeting, Washington.
- Did the Educational Gradient in Health Become Wider Among Older Mar 2016
Russians in the 2000s? Evidence from two WHO Surveys,
Population Studies Center Colloquium, University of Pennsylvania.
- How to cross the Hajnal line: conversion to orthodoxy in western Nov 2014
Estonia and its effects on the family,
Demography Club Student Research Seminar Series.
- Causes and Consequences in Demography, Jun 2014
Economics Department Research Seminar, Moscow State University.
- International Experience of Non-Infectious Disease Prevention Programs 2013
(with N. Kalmykova), Conference on Contemporary Methods of Disease
Prevention, Samara State Medical University, Russia.
- Assessing the Quality of Healthcare Services Using Individual Patient Data 2012
(with M. Sirotko), Chaire Quetelet 2012: Adult Mortality and Morbidity,
Catholic University of Louvain, Belgium.
- Event History Analysis as a study subject for graduate students in 2012
demography (with N. Kalmykova), 7th Commemorative Valentey Readings.
Demographic Development: Challenges of Globalization,
Lomonosov Moscow State University.
- Prevalence of Chronic Illnesses in Urban Populations (with M. Sirotko et al., 2012
presented by M. Sirotko), Inter-Congress of the International Association
of Physiological Anthropology: Adapting Life in Asian Mega-Cities, China.
- Methods of Forecasting of Incidence of Noninfectious Diseases and Health of 2012
Russian Population (with M. Sirotko et al., presented by M. Sirotko),
All- Russian Conference: Noninfectious Diseases and Health
of Russian Population, Ministry of Healthcare, Russia.
- Micro-Data Analysis of Mortality and Morbidity in Samara Population, 2011
Medical Conference: Young Scientists – to Medicine,
Samara State Medical University, Russia.
- Improving Data Collection on Mortality in Russia, 2011
Innovative Development of Russian Economy: Institutional Environment,
Lomonosov Moscow State University, Russia.
- Urban Mortality Transition: Example of Moscow, 2010
6th Commemorative Valentey Readings: Population Problems throughout
History, Lomonosov Moscow State University, Russia.

	<ul style="list-style-type: none"> Using DALY to Estimate Economic Losses from High Mortality and Morbidity in Russia, 15th International Conference for Graduate Students and Young Researchers “Lomonosov”, Lomonosov Moscow State University, Russia. 	2008
WORKSHOPS	<ul style="list-style-type: none"> Social Norms Workshop, Phase 2 Bill and Melinda Gates Foundation, New Delhi, India. Social Norms Workshop, Phase 1 Bill and Melinda Gates Foundation, New Delhi, India. Causal Inference and Big Data Summer Institute. Center for Clinical Epidemiology and Biostatistics, Center for Causal Inference, University of Pennsylvania, PA. Social Networks and Health. Duke University, NC. Formal Demography Workshop. UC Berkeley, CA. China Multigenerational Panel Dataset. UCLA, CA (Organized by ICPSR). Stanford Workshop on Formal Demography Stanford University, CA. Summer School in Historical Demography. Babes-Bolyai University, Romania. Foundations of Statistical Analysis in Demography Max Planck Institute for Demographic Research, Germany. Seminar on Demographic Analysis and Computer Applications. Lomonosov Moscow State University and Vienna Institute of Demography. Research Course In Historical Demography Lund University, Sweden. Winter School on Population and Health Max Planck Institute for Demographic Research and New Economic School. Summer School on the Second Demographic Transition. National Research University – Higher School of Economics. Longitudinal Analysis of Historical Demographic Data ICPSR, University of Michigan. Project: “Parental Loss and Childhood Death in Pre-Industrial France” (with Sofie de Veirman, Alan Fernihough and Stacey Hallman) 	<p>Apr 2019</p> <p>Jan 2018</p> <p>Jul 2017</p> <p>May 2017</p> <p>Aug 2016</p> <p>Jan 2016</p> <p>Mar 2014</p> <p>Jun 2013</p> <p>Feb 2013</p> <p>Nov 2012</p> <p>Sep 2012</p> <p>Jan 2012</p> <p>Sep 2011</p> <p>Jul 2011</p>
TEACHING EXPERIENCE	<p>Instructor</p> <p>BDS 505 - Research Methods for Behavioral Sciences BDS 516 - Data Science and Quantitative Modeling BDS 522 - Statistical Reasoning for Behavioral Science Master’s of Behavioral and Decision Science Program, University of Pennsylvania</p> <p>SOCI 120 - Social Statistics SOCI 111 - Health of Populations LPS, Department of Sociology, University of Pennsylvania</p> <p>Teaching Assistant</p> <p>SOCI 536 - Quantitative Methods II SOCI 612 - Categorical Data Analysis</p>	<p>Fall 2020 - curr. Spring 2019 - curr. Spring 2018 - curr.</p> <p>Fall 2016, Summer 2017 Summer 2016</p> <p>Spring 2016 Fall 2015</p>

Instructors: Paul Allison, Hyunjoon Park
Department of Sociology,
University of Pennsylvania

SERVICE

Penn Demography Club, Co-Chair

2015 – 2016

Reviewer

- Epidemiology
- Social Science and Medicine
- The Milbank Quarterly
- Journal of Financial Services Marketing
- Population and Economics (in Russian)

Editorial Board

- Population and Economics (in Russian)

Commentator

- RTVi (in Russian)

GitHub Campus Expert

SOFTWARE SKILLS

- R, Stata, Python, NetLogo, MySQL, MATLAB.
- HTML, CSS, JavaScript, JQuery
- L^AT_EX.