

Andrey Zakharov
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CONTACTS

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EDUCATION

2010	Postgraduate Diploma in Sociology	Moscow School of Social and Economic Sciences / University of Manchester
2005	Ph.D. (Candidate of Sciences degree) in Education	Institute for National Issues in Education Thesis "Minorities education reform in transforming society: Case of Mordovia Republic."
2001	Specialist in Education (with Distinction)	Mordovian State Pedagogical Institute

AREAS OF REASEARCH INTERESTS

Causal analysis of effects in education, educational inequality, educational policy and economics of education, sociology of education, field experiments and quasi-experiments, statistical analysis

PROFESSIONAL EXPERIENCE

As a researcher I have experience in working out research design, organization of large scale field studies including randomized experiments or surveys, statistical data analysis and academic publications/reports preparation. As a laboratory head I'm also experienced in organization of a team or other researchers work.

2017 – present	<i>Laboratory Head</i> , International Laboratory of Educational Policy Analysis at the National Research University Higher School of Economics; <i>Lead Research Fellow</i> , National Research University Higher School of Economics
2013 – 2016	<i>Deputy Head</i> , International Laboratory of Educational Policy Analysis at the National Research University Higher School of Economics
2013 – present	<i>Associate professor</i> , National Research University Higher School of Economics
2013 – present	<i>Lecturer</i> , Moscow School of Social and Economic Sciences
2008 – 2013	<i>Senior Research Fellow</i> , National Research University Higher School of Economics
2007 – 2008	<i>Associate Professor</i> , Moscow Humanitarian Pedagogical Institute
2005 – 2007	<i>Senior Research Fellow</i> , Federal Institute for Educational Development

MAJOR RESEARCH PROJECTS FOR THE LAST 5 YEARS

- 2019 — Mechanisms of social inequality in school education. *Project of Higher School of Economics*
— Experimental estimation of the effect of computer assisting learning on students' outcomes in primary school. *Project with Yandex.Education*
— Approbation of history electronic lessons in the 5th grade in Russian schools. *Project with Sberbank*

- 2018 — Economic cost of inequity of educational performance in Russian Federation. *World Bank project*.
- Monetary and non-monetary inequalities in modern societies: Objective situation and perception by the population. *Project of Higher School of Economics*.
- Analysis of the World Skills examination results in Russia in 2018. *Project with World Skills-Russia*.
- Schools and teachers' characteristics, students' educational outcomes and educational trajectories in the context of social inequality. *Project of Higher School of Economics*.
- 2017 — Social inequality, factors of school education quality, and students' choice of educational trajectory. *Project of Higher School of Economics*.
- The role of educational policy in academic achievements, changing of inequality and segregation of school students. *World Bank project*.
- 2016 — Factors affecting quality of education, educational outcomes and social inequality. Based on *Project of Higher School of Economics*.
- Possible ways to increase PISA outcomes: Analysis based on Russia and international data. *Project of Moscow City Education Department*.
- In-depth analysis of Russia results in international studies of school education quality (TIMSS, PISA). *Project of Federal Service for Supervision in Education and Science (Rosobrnadsor)*.
- 2015 — School factors affecting students' outcomes, educational inequality and students' educational trajectories

TEACHING

- 2018-2019 — Inequality Research in Education (Master's programme; National Research University Higher School of Economics, Institute of Education; 2 year). Course in English
- Research in Education – Advanced Level (Master's programme; HSE Institute of Education; 2 year)
- 2013-present — Experimental and Quasi-Experimental Research in Education (Master's programme; National Research University Higher School of Economics, Institute of Education; 2 year). Course in English
- 2016-2017 — Data Interpretation: Educational system quality evaluation (Moscow School of Social and Economic Sciences)
- 2013-2016 — National and International programs for evaluation of education quality (Moscow School of Social and Economic Sciences)

PROFESSIONAL TRAINING

- 2014 Internship at Stanford University (USA)
- 2013 The Institute on Statistical Analysis for Education Policy: Causal Inference, The American Educational Research Association (AERA)
- 2012 Causal Models and Structural Equations, National Research University Higher School of Economics
- 2012 Hierarchical Models with R, University of Essex
- 2011 Applied Multivariate Analysis, Utrecht University
- 2010 Use of the Results of National and International Evaluation in Education for Educational Policy Development, World Bank Institute (Russia)
- 2009 Strategic Choices for Education Reform, World Bank Institute (Russia)

LANGUAGES

Russian (native); English (fluent)

MAIN PUBLICATIONS

Lazareva, O., & Zakharov, A. (2019). School Financing, Teacher Wages and Educational Outcomes: Evidence from the Russian School System. *Teacher Wages and Educational Outcomes: Evidence from the Russian School System*. Social Science Research Network. Series "SSRN Working Paper Series"

Loyalka, P., Zakharov, A., & Kuzmina, Y. (2018). Catching the Big Fish in the Little Pond Effect: Evidence from 33 Countries and Regions. *Comparative Education Review*, 62(4), 542-564.

Zakharov, A., Tsheko, G., & Carnoy, M. (2016). Do "better" teachers and classroom resources improve student achievement? A causal comparative approach in Kenya, South Africa, and Swaziland. *International Journal of Educational Development*, 50, 108-124.

Loyalka, P., & Zakharov, A. (2016). Does shadow education help students prepare for college? Evidence from Russia. *International Journal of Educational Development*, 49, 22-30.

Carnoy, M., Khavenson, T., Loyalka, P., Schmidt, W. H., & Zakharov, A. (2016). Revisiting the relationship between international assessment outcomes and educational production: Evidence from a longitudinal PISA-TIMSS sample. *American Educational Research Journal*, 53(4), 1054-1085.

Zakharov, A., & Carnoy, M. (2015). Are teachers accurate in predicting their students' performance on high stakes' exams? The case of Russia. *International Journal of Educational Development*, 43, 1-11.

Zakharov, A., Carnoy, M., & Loyalka, P. (2014). Which teaching practices improve student performance on high-stakes exams? Evidence from Russia. *International Journal of Educational Development*, 36, 13-21.