
SUMMARY

Junior researcher in science of sciences and education science with economics and econometrics background. Seeking challenging projects to study people and their groups, estimate inequalities, and generate actionable policies. **SKILLS:** Statistics, data collection, preprocessing, exploratory and statistical data analysis, textual analysis, data visualization (R, Python).

ACADEMIC AND RESEARCH POSITIONS

Junior researcher, Center for Institutional Analysis of Science & Education <i>European University at St.Petersburg</i>	Jan. 2020 - present <i>St.Petersburg, Russia</i>
External researcher, Gender Wage Gap Decomposition Project <i>Center for Advanced Governance</i>	Jan. 2020 - Nov. 2021 <i>Moscow, Russia</i>
Assistant Lecturer / Teaching Assistant, Department of Economics <i>Samara State Technical University</i> <ul style="list-style-type: none">Courses: Economics, Econometrics.	Oct. 2014 - Dec. 2019 <i>Samara, Russia</i>

RESEARCH PROJECTS

Grant policy analysis

A study of the two largest Russian grant foundations

- Database development: parsing, data preprocessing (cleaning, detecting publications from peer-reviewed journals, enriching data by Scopus, identifying publications from potentially predatory journals).
- Exploratory data analysis, statistical analysis for:
 - Guba, K., Zheleznov, A., **Chechik, E.** (2023). Evaluating grant proposals: lessons from using metrics as screening device. *Journal of Data and Information Science* [[Link](#)].
- Exploratory data analysis, statistical analysis, visualizations and text for:
 - “Descriptive Analysis of Supported and Rejected Grant Applications in Russia, 1994-2016” [[Link](#)]

Analysis of gender gaps in academic disciplines

Based on PhD and DS dissertations data

- Data preprocessing (data cleaning, imputing missing data, gender assignment), exploratory data analysis, statistical analysis, topic modeling, visualizations and text for:
 - ISSI 2023. “Gender Disparities in Academic Disciplines: An Attempt to Fill in the Blind Spots of Bibliometrics.” **E. Chechik**. Online supplementary materials [[Link](#)]

Exploring Academic Reputations

Survey of about 15,000 academic staff from five fields: sociology, economics, political science, history, law (in 2021-2022)

- Design of experiments on social preferences (public goods game) by means of a questionnaire.
- Database development (formation of a representative sample, enrichment by the national citation base), data preprocessing for:
 - Sokolov, M., **Chechik, E.** (2022) “Academic reputations of Russian economists and their scientometric assessments.” *Voprosy ekonomiki*. 11 (In Russ.) [[DOI](#)]

English-language publications about Russia over the past 30 years

Scientific knowledge about Russia in the fields of Social Sciences and Humanities (WoS, 1990–2020)

- Data preprocessing (data cleaning, imputing missing data), exploratory data analysis to identify patterns [[Link](#)]

Parenthood in Academia

A Study of parenthood for female and male academic economists (survey, 2021-2022)

- Chechik, E.** *Parenthood and Gender in Russian Academia*. (In Russ.) *Voprosy obrazovaniya*, (minor revision).
- Paper Development Workshop, EGOS 2023. “Work-life and work-work balance in universities and research centers in Russia. What can we do to stop reinforcing gender gaps?” **E. Chechik**. Online supplementary materials [[Link](#)]

Gender wage gap estimation

Analysis of the gender wage gap in 2010-2020 in Russia on two datasets

- Estimation of adjusted and unadjusted gender wage gap on the data of the Russian statistical agency and Russia Longitudinal Monitoring Survey
- Gap decomposition on an explained and unexplained (Oaxaca-Blinder method)

EDUCATION

Higher School of Economics

Jul. 2017 – Aug. 2018

Applied Econometrics Certificate

Moscow, Russia

- Microeconometrics, Macroeconometrics, Spatial Econometrics

Samara State Technical University

Sep. 2006 – Jul. 2011

Specialist Degree in Economics (diploma with distinction)

Samara, Russia

- Business Economics, Macroeconomics, Forecasting, Banking, Stock Market

SCHOLARSHIPS & SUMMER SCHOOLS

Science of Science Summer School (S4)

Aug. 2022

SOS+CD Lab and School of Information Studies, Syracuse University, US

virtual event

Experimental Economics Summer School

Aug. 2019

Laboratory of Experimental and Behavioural Economics, Higher School of Economics

St.Petersburg, Russia

Fulbright Scholarship FFDP 2018-19

Aug. 2018 – Jan. 2019

University of Massachusetts, Department of Economics

Boston, US

CONFERENCES

International Conference on Science, Technology and Innovation Indicators (STI 2022). Sept. 7-9 Granada, Spain: “Dissertation Authors and Their Mentors. Can Gender Diversity in Russian STEM be Achieved?”, **E. Chechik** [[Conference proceedings](#)]; [[GitHub](#)]

Bridges between Disciplines: Gender in STEM and Social Sciences (BRIGES 2022). Sept. 12-16, Gandia, Spain: “STEM in Russia: Is Moving Toward Gender Diversity Postponed?”, **E. Chechik**

International Society for Scientometrics and Informetrics Conference (ISSI 2021). Jul. 12-15, Leuven, Belgium (virtual event): “Use of Scientometrics in Evaluation of Grant Proposals”, K. Guba, A. Zheleznov, **E. Chechik**, A. Tsivinskaya [[Conference proceedings](#)]

SKILLS

Tools: R, Python, Stata, L^AT_EX, GitHub

Languages: English (advanced), Russian (native)