

## SUMMARY

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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

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<b>Junior researcher, Center for Institutional Analysis of Science &amp; Education</b> <i>European University at St.Petersburg</i>	Jan. 2020 - present <i>St.Petersburg, Russia</i>
<b>External researcher, Gender Wage Gap Decomposition Project</b> <i>Center for Advanced Governance</i>	Jan. 2020 - Nov. 2021 <i>Moscow, Russia</i>
<b>Assistant Lecturer / Teaching Assistant, Department of Economics</b> <i>Samara State Technical University</i>	Oct. 2014 - Dec. 2019 <i>Samara, Russia</i>
• Courses: Economics, Econometrics.	

## RESEARCH PROJECTS

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### 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.**, “Bibliometric accountability in Russian science policy: the use of publication metrics for research funding decisions.” *Journal of Data and Information Science*, (accepted for publication on 13 April 2023).
- 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

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<b>Higher School of Economics</b> <i>Applied Econometrics Certificate</i>	Jul. 2017 – Aug. 2018 <i>Moscow, Russia</i>
• Microeconometrics, Macroeconometrics, Spatial Econometrics	
<b>Samara State Technical University</b> <i>Specialist Degree in Economics (diploma with distinction)</i>	Sep. 2006 – Jul. 2011 <i>Samara, Russia</i>
• Business Economics, Macroeconomics, Forecasting, Banking, Stock Market	

## SCHOLARSHIPS & SUMMER SCHOOLS

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<b>Science of Science Summer School (S4)</b> <i>SOS+CD Lab and School of Information Studies, Syracuse University, US</i>	Aug. 2022 <i>virtual event</i>
<b>Experimental Economics Summer School</b> <i>Laboratory of Experimental and Behavioural Economics, Higher School of Economics</i>	Aug. 2019 <i>St.Petersburg, Russia</i>
<b>Fulbright Scholarship FFDP 2018-19</b> <i>University of Massachusetts, Department of Economics</i>	Aug. 2018 – Jan. 2019 <i>Boston, US</i>

## CONFERENCES

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**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

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**Tools:** R, Python, Stata, L<sup>A</sup>T<sub>E</sub>X, GitHub  
**Languages:** English (advanced), Russian (native)