

EVGENIIA DIACHEK

Quantitative Research Scientist

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EDUCATION

PHD, PSYCHOLOGY

MINOR: QUANTITATIVE METHODS

Vanderbilt University
Nashville TN | 05/2023

MS, PSYCHOLOGY

Vanderbilt University
Nashville TN | 2020

MA, APPLIED LINGUISTICS

University of Massachusetts
Boston MA | 2017

BA, LINGUISTICS

Moscow State University of Education
Moscow, Russia | 2015

SKILLS

• **Programming**

*Python, R, MATLAB,
CSS, PHP, HTML*

• **Statistics**

*regression, t-tests (A/B tests),
multilevel modeling, ANOVAs,
structural equation modeling,
factor analysis, nonparametric
statistics, Bayesian inference*

• **Research**

*survey design, behavioral
experiments, interviews,
experimental design,
hypothesis testing, data
visualization, machine
learning, sentiment analysis,
project management*

• **Foreign languages**

*English, Russian, French,
Korean*

PROFESSIONAL EXPERIENCE

DOCTORAL RESEARCHER

Vanderbilt University / Nashville, TN / Aug 2018 – Present

Simultaneously designing and managing 10+ mixed-methods (quantitative focus) research studies

- Collecting data from 1,500+ participants using behavioral experiments, surveys, observations, neuroimaging, and interviews
- Analyzing and modeling large-scale datasets (1M+ datapoints)
- Communicating research findings in 20+ conferences and professional meetings, and 1 science podcast
- Writing 8 first-authored manuscripts reporting research findings (150+ citations on Google Scholar)
- Providing statistical consulting services across the research groups at Vanderbilt
- Mentoring and managing a team of 8 research assistants on best research practices, experimental materials development, data collection, and data processing
- Collaborating on 6 research projects with the laboratories at Vanderbilt University Medical Center and Massachusetts Institute of Technology
- Reviewing manuscripts in high-impact peer-reviewed journals

TEACHING ASSISTANT

Vanderbilt University / Nashville, TN / Aug 2018 – Present

- Designing and delivering guest lectures in cognitive science, research methods, and advanced statistics
- Preparing course materials and providing feedback for 50+ graduate students
- Received an evaluation rating of 4.6 out of 5 across 2 advanced statistics courses

RESEARCH ASSISTANT

Massachusetts Institute of Technology / Boston, MA / Dec 2016 – Aug 2018

Lead all aspects of 4 research studies (including one cross-linguistic study)

- Developed experimental materials and created computerized tasks for 4 experiments
- Recruited research participants, collected and analyzed large-scale datasets
- Conducted literature reviews and communicated research findings

LEADERSHIP

- Elected a graduate student liaison to the faculty for the 2021-2022 and 2022-2023 AYs
- Member of the Graduate Workers United and the head of the Student Fees Committee
- Charter member of the Nashville Chapter of the Graduate Women in Science (since 2019)