

TECHNICAL SKILLS

Statistical packages	R, SAS
Query languages	SQL
Markup languages	R Markdown, LaTeX
Data collection tools	REDCap
Office applications	Microsoft Office Excel, Word, PowerPoint
Operating systems	Microsoft Windows, Linux

WORK EXPERIENCE

9/2021 – Current	<p>Biostatistician (Biostatistics Analyst 2) UF Health Cancer Center (UFHCC), Division of the Biostatistics & Quantitative Sciences Shared Resource.</p> <ul style="list-style-type: none"> ▪ Providing statistical consultation and analytical support for principal investigators, co-investigators & team members from the UF Health Cancer Center (UFHCC). ▪ Providing statistical assistance for the development of protocol designs, data analysis plans, grant applications, and preparation of presentations and publications. ▪ Producing well documented programs for data analysis for special meetings, presentations, and manuscripts in reproducible manners. Working with study investigators on reports and manuscripts. ▪ Providing statistical review for proposed protocols submitted to the UFHCC Scientific Review and Monitoring Committee (SRMC) as a statistical reviewer.
2/2020 – 8/2021	<p>Statistician Supervisor New Mexico Public Education Department (NM PED), Bureau of Research, Evaluation, and Accountability.</p> <ul style="list-style-type: none"> ▪ Designed and implemented statistical research. ▪ Worked with SQL-databases. ▪ Kept up-to-date data schemas and dictionaries, ensured quality control of deliverables. ▪ Led the Team in Assessment data topics and revisiting of business rules. ▪ Worked with teams across different NM PED bureaus, vendors, and stakeholders. ▪ Ensured that the state's accountability system meets state and federal statutes' requirements.
6/2016 – 1/2020	<p>Biostatistician (Research Scientist 3) UNM Comprehensive Cancer Center, Biostatistics Shared Resource group.</p> <ul style="list-style-type: none"> ▪ Designed and implemented statistical research in both R and SAS. ▪ Performed data analysis on NM Tumor Registry, SEER, and NAACCR CiNA cancer cases. ▪ Analyzed Genomic TCGA data. ▪ Worked with GIS and Census data. ▪ Performed IRB reviews and sample size calculations. ▪ Provided statistical consultations to Cancer Center M.D. members and helped with their statistical part for grant proposals, presentations, and manuscripts. ▪ Collected data through REDCap and produced data-entry quality checks.
1/2013 – 5/2016	<p>Research and Graduate Teaching Assistant University of New Mexico (UNM).</p>

- Statistician in a collaborative project with a Department of Neurosurgery, Brain Imaging Center. Designed statistical analysis plan, cleaned data, performed statistical analysis, prepared statistical part of the manuscript.
- Analyst and programmer in NSF project: Sustainable Energy Pathways through Education and Technology.
- Instructor of an undergraduate courses, Stat 145 (Introduction to Statistics) and Math 103 (Intermediate Algebra).
- Grader for a graduate course Stat 427/527 (Advanced Data Analysis I).

EDUCATION

2013 – 2016,
Master of Science

University of New Mexico (UNM),
Program: Statistics,
Department of Mathematics and Statistics, Albuquerque, NM, USA.

2006 – 2011,
Bachelor of Science

Plekhanov Russian University of Economics,
Program: Mathematical methods in Economics,
Department of Economics and Mathematics, Moscow, Russian Federation.

ADDITIONAL EDUCATION

Spring 2019
Fall 2017
Spring 2017
Fall 2016

Introduction to Genomic Data Analysis (UNM academic course).
Geographic Information Systems with ArcGIS (UNM continuing education course).
Web Design (UNM continuing education courses).
Certification in Graduate Teaching.

PRESENTATIONS

- 1 T. Boyce, **Z. Galochkina**, L. Chen, D. Guest, V. S. Pankratz.
Data Management for Population-Based Intervention Studies.
Staff Expo. Albuquerque, NM, USA, Nov 2018.
- 2 G.N. Gan, **Z. Galochkina**, A.T. Cowan, E. Yilmaz, D. Y. Lee, B. Liem, T. Schroeder, C. Wiggins.
Trends in incidence rates for HPV-related and HPV-unrelated squamous cell carcinomas of the head and neck in New Mexico Indians, Hispanics, and non-Hispanic whites, 1995-2014.
Poster presentation for “ASTRO” conference. San Antonio, TX, USA, Oct 2018.
- 3 **Z. Galochkina**, A. Meisner, Dr. M Barry, Dr. C Wiggins.
Lung cancer survival in American Indians, Hispanics, and non-Hispanic Whites in New Mexico.
Poster presenter for “NAACCR 2018 Annual Conference”. Pittsburg, PA, USA, Jun 2018.
- 4 **Z. Galochkina**.
Reproducible research with R: Application of Tumor Registry Data from the Surveillance, Epidemiology, and End Results (SEER) Program.
Speed session speaker and poster presenter for “Women in Statistics and Data Science” Conference (WSDS).
La Jolla, CA, USA, Oct 2017.
- 5 A.O. Korotkevich, **Zh.S. Galochkina**, O. Lavrova, and E.A. Coutsias.
On the comparison of energy sources: Feasibility of radio frequency and ambient light harvesting.
Speaker at conference “Combining materials and technologies to harvest natural and human made energy sources: a sustainable approach”, School of Engineering, University of New Mexico. Albuquerque, NM, USA, Nov 2014.

- 1 Palsuledesai CC, Surviladze Z, Waller A, Miscioscia TF, Guo Y, Wu Y, Strouse J, Romero E, Salas VM, Curpan R, Young S, Carter M, Foutz T, **Galochkina Z**, Ames H, Haynes MK, Edwards BS, Nicolotti O, Luo L, Ursu O, Bologna CG, Oprea TI, Wandinger-Ness A, Sklar LA.
Activation of Rho Family GTPases by Small Molecules.
ACS Chem Biol. 2018;13(6):1514-1524.
DOI: <https://doi.org/10.1021/acscchembio.8b00038>
- 2 E. Caballero-Garrido, J.C. Pena-Philippides, **Z. Galochkina**, E. Erhardt, T. Roitbak.
Characterization of long-term gait deficits in mouse dMCAO, using the CatWalk system.
Behavioural Brain Research. 2017;331:282-296.
DOI: <https://doi.org/10.1016/j.bbr.2017.05.042>
- 3 A.O. Korotkevich, **Zh.S. Galochkina**, O. Lavrova, and E.A. Coutsias.
On the comparison of energy sources: Feasibility of radio frequency and ambient light harvesting.
Renewable Energy. 2015;81:804-807.
DOI: <https://doi.org/10.1016/j.renene.2015.03.065>
- 4 Arhipov A.P., Boiko O.V., **Galochkina Z.S.**
The calculation of tariffs for obligatory social insurance from accidents on manufacture and occupational diseases.
Finances. 2012;10:61-66.
- 5 Tihomirova T.M., **Galochkina Z.S.**
Methods of stable classification of regions of the Russian Federation on medical and demographic evidences in dynamics.
Nature management economics. 2012;4:132-142.
- 6 Tihomirova T.M., **Galochkina Z.S.**, Lukovenko A.A.
Comparative analysis of the effectiveness of population policy in Russia and in the USA.
Nature management economics. 2010;3:33-40.