Maria E. Kamenetsky, Ph.D., M.S.

maria.kamenetsky@nih.gov; maria.kamenetsky@gmail.com
https://mariakamenetsky.com/ • mkamenet3 • ORCID: 0000-0002-5401-7786

Education

2022 **Ph.D., Epidemiology**, *University of Wisconsin-Madison*
Department of Population Health Sciences
Minor: Computer Sciences
Dissertation: Regularized and Multi-Model Methods for Detecting Spatial and Spatio-Temporal Clusters with Applications in Epidemiology
Advisors: Ronald Gangnon, Ph.D. (Population Health Sciences; Biostatistics & Medical Informatics)
Jun Zhu, Ph.D. (Statistics)

2016 **M.S., Statistics**, *University of Wisconsin-Madison*
Department of Statistics

2011 **B.A., Economics, Political Science, International Studies**
Comprehensive Honors in Liberal Arts, *University of Wisconsin-Madison.*

Research Experience

2022–present **Postdoctoral Fellow**, *National Cancer Institute (NCI), National Institutes of Health (NIH)*
Division of Cancer Epidemiology & Genetics (DCEG),
Occupational & Environmental Epidemiology Branch (OEEB)/Biostatistics Branch (BB)
Rockville, MD
Mentors: Alexander Keil, Ph.D. & Paul Albert, Ph.D

- Secured funding (Intramural Research Award (IRA)) from DCEG/NCI/NIH to fund the development of novel Bayesian methods in environmental mixtures.
- Published and presented research spanning spatial statistics, environmental epidemiology, and causal inference.
- Mentored summer students in the Biostatistics Branch.

2022–2024 **Honorary Fellow**, *University of Wisconsin-Madison*
Nelson Institute for Environmental Studies,
Environmental Observation & Informatics Program
Madison, Wisconsin

2016–2022 **Statistical Consultant**, *University of Wisconsin-Madison*

- Consulted with over 139 faculty members, staff scientists, and graduate students in over 25 disciplines with the *CALS Statistical Consulting Lab* (Department of Biometry/College of Agricultural and Life Sciences).
- Provided support in statistical methods, computer programming, data visualization, design of experiments, power analyses, and grant-writing.
- Developed tutorials and provided statistical and programming support to medical students in the *Path of Distinction in Public Health Program* (School of Medicine and Public Health).

2020–2021 **Statistical Consultant**, *Wisconsin Department of Health Services*
Madison, Wisconsin

2017–2018 **Statistical Consultant**, *Madison Water Utility*
Madison, Wisconsin

2016 **Data Science Fellow**, *University of Chicago*, *Center for Data Science & Public Policy*
Eric & Wendy Schmidt Data Science for Social Good Fellowship
Chicago, Illinois

2015 **Graduate Research Assistant**, *University of Wisconsin-Madison*
Center for Demography & Ecology
Madison, Wisconsin

2011-2014 **Research Professional**, *University of Chicago, Accounting Research Center*
University of Chicago Booth School of Business
Chicago, Illinois

Honors & Awards

2027 Fellows Award for Research Excellence (FARE),
National Institutes of Health

2026 Outstanding Paper by a Fellow,
National Cancer Institute

2025 Navigating Next Steps (NNS) Leadership and Career Program,
National Cancer Institute

2023 StatsForward Leadership Fellowship,
American Statistical Association

2021 Poster Winner: UW Womens Health And Health Equity Research Lecture & Symposium,
Department of Obstetrics and Gynecology, University of Wisconsin-Madison

2021 RStudio::Global(2021) Diversity Scholar

2020 Robert F. and Jean E. Holtz Center for Science and Technology Studies Conference Grant,
University of Wisconsin-Madison

2020 American Statistical Association (ASA) Wisconsin Chapter Student Virtual Travel Award

2020 Catherine Allen Outstanding Student Poster Award,
Department of Population Health Sciences, University of Wisconsin-Madison

2019 Student Research Travel Grant,
University of Wisconsin-Madison ($1,200)

2016 Outstanding New Student Scholarship,
Department of Population Health Sciences, University of Wisconsin-Madison ($2,000)

Research Grants

Submitted

2026 **NIH Pathway to Independence Award (K99/R00)**| ***Submitted***
National Cancer Institute (NCI)
Role: Principal Investigator

Active Support

2024-present **Intramural Research Award (IRA) Grant** ($25,000)
National Cancer Institute/Division of Cancer Epidemiology & Genetics
Title: "The Role of Mixtures on Bladder Cancer Risk Across Space: An Examination Using Flexible Bayesian Quantile G-Computation"
Role: Principal Investigator

Past Support

2016 **Eric & Wendy Schmidt Data Science for Social Good Fellowship**, ($16,000)
University of Chicago Center for Data Science & Public Policy

Research Publications

Peer-Reviewed

14 Keil, A.P., **Kamenetsky, M.** (2026) "Bringing spatial confounding into the causal inferential fold," *American Journal of Epidemiology*, [Commentary], *In press*.

13 **Kamenetsky, M.**, Keil, A.P. (2026) "(Re-)Match: Adjusting for Matching Factors in Case-Control Studies Can Be Unnecessary or Insufficient", *American Journal of Epidemiology*, 195(5): 1472-1474, 10.1093/aje/kwaf116, PMID: 40481657

12 **Kamenetsky, M.**, Zhu, J., Gangnon, R.E. (2025)"Spatial and Spatio-Temporal Cluster Detection Using Stacking", *Spatial Statistics*, 70 (December), 10.1016/j.spasta.2025.100933.

11 **Kamenetsky, M.**, Welch, B., Bommarito, P., Buckley, J., O'Brien, K., White, A., McElrath, T., Cantonwine, D., Ferguson, K., Keil, A. (2025) "Partial Effects in Environmental Mixtures - Evidence and Guidance on Methods and Implications", *Environmental Health Perspectives* 133(5), 10.1289/EHP14942, PMID: 40145898.

10 Remigio, R.V., Buller, I.D., Bogel, M.S., **Kamenetsky, M.E.**, Ammons, S., Bell, J.E., Fisher, J.A., Freedman, N.D., Jones, R.R. (2025) "Geographic patterns in wildland fire exposures and county-level lung cancer mortality in the United States", *International Journal of Health Geographics*, 24(8), 10.1186/s12942-025-00394-x, PMID: 40217528.

9 **Kamenetsky, M.**, Bailey, E., Lowry, A., Gangnon, R., Stafeil, B., Hoppe, K. (2024) "The Role of Neighborhood in Individual and Disparity-Level Factors and Birth Weight in Dane County, Wisconsin" *Wisconsin Medical Journal* 123(6): 422-426, PMID: 9908488.

8 He, X., Tomasallo, C., Li, Z., Schultz, A., **Kamenetsky, M.**, Sjodin, A., Botelho, J., Jarrett, J., Meiman, J. (2022) "Fish consumption, awareness of fish advisories, and body burden of contaminants among the Milwaukee urban anglers: A biomonitoring study." *Journal of Toxicology and Environmental Health Sciences* 14(2): 20-35, 10.5897/JTEHS2022.0506

7 **Kamenetsky, M.**, Trentham-Dietz, A., Newcomb, P., Zhu, J., Gangnon, R.E.(2022) "A Flexible Method for Identifying Spatial Clusters of Breast Cancer Using Individual-Level Data." *Annals of Epidemiology* 73: 9-16, 10.1016/j.annepidem.2022.06.006, PMID: 35772615.

6 Gatti, R.C., Reich, P.B., Gamarra, J.G.P., Crowther, T., Hui, C., Morera, A., Bastin, J.F., De-Miguel, S., Nabuurs, G.J., Svenning, J.C., Serra-Diaz, J., Merow, C., Enquist, B., **Kamenetsky, M.** [and 135 others] (2022) "The Number of Tree Species on Earth." *Proceedings of the National Academy of Sciences* 119(6):e2115329119, 10.1073/pnas.2115329119, PMID: 35101981.

5 **Kamenetsky, M.**, Lee, J., Zhu, J., Gangnon, R. (2022) "Regularized Spatial and Spatio-Temporal Cluster Detection." *Spatial and Spatio-Temporal Epidemiology* 41(1877-5845): 100462, 10.1016/j.sste.2021.100462, PMID: 35691644.

4 Lee, J., **Kamenetsky, M.**, Zhu, J., Gangnon, R. (2021). "Clustered spatio-temporal varying coefficient regression model." *Statistics in Medicine*. 40(2): 465-480, 10.1002/sim.8785, PMID: 33103247.

3 **Kamenetsky, M.**, Chi, G., Wang, D., Zhu, J. (2019). "Spatial Regression Analysis of Poverty in R." *Spatial Demography* 7(2-3): 1-35, 10.1007/s40980-019-00048-0, PMID: 31737778.

2 Mallinson, D., **Kamenetsky, M.**, Hagen, E., Peppard, P. (2019). "Subjective sleep measurement: comparing sleep diary to questionnaire." *Nature and Science of Sleep* 11: 197-206, 10.2147/NSS.S217867, PMID: 31686932.

1 Skarlupka, J., **Kamenetsky, M.**, Jewell, K., Suen. G. (2019). "The ruminal bacterial community in lactating dairy cows has limited variation on a day-to-day basis." *Journal of Animal Science and Biotechnology* 10: 66, 10.1186/s40104-019-0375-0, PMID: 31452880

Under Revision

1 **Kamenetsky, M.**, Koutros, Spaur, M., S., Kim, S.D., Karagas, M., Johnson, A., Baris, D., Silverman, D.T., Keil, A.P. "Associations Between a Mixture of Trace Elements and Bladder Cancer Occurrence in the New England Bladder Cancer Case-Control Study: A Study of Possible Reverse Causation."

Under Review

1 Teffera, M., **Kamenetsky, M.**, Eggers, S., Ronnekleiv-Kelly, S., Bradfield, C., Berres, M., Malecki, K. "Detection of metal exposure association with gut bacteria alterations differs between urine and fecal metal concentrations in a sample of the general Wisconsin population."

2 Remigio, R.V., Fleytas, P.M., **Kamenetsky, M.**, Munde, S., Kolpin, D.W., Bell, J.E., Ward, M.H., Beane Freeman, L.E. "Short-term and long-term precipitation conditions as predictors of nitrate contamination in private wells across Iowa."

In Progress

2 **Kamenetsky, M.**, Kim, S.D., Koutros, S., Karagas, M., Johnson, A., Silverman, D.T., Keil, A.P. "A Flexible Bayesian Quantile G-Computation Approach for Modeling Environmental Mixtures Over Space."

1 **Kamenetsky, M.**, Kim, S.D., Keil, A.P., Albert, P. "A Latent Spatial Modeling Approach to Environmental Mixtures."

Invited Talks

Apr. 2026 From Maps to Mixtures: Integrating Spatial Dependence into the Mixtures Framework for Public Health Research

Kamenetsky, M.

University of Minnesota-Twin Cities *Minneapolis, MN*

Mar. 2026 Why Space Matters: Spatial Epidemiology Approaches for Understanding Environmental Mixtures and Health

Kamenetsky, M.

George Washington University *Washington, DC*

Jan. 2026 Inference Begins with the Research Question: Learning from Structure in Complex Health and Environmental Data

Kamenetsky, M.

American University *Washington, DC*

Dec. 2025 Integrating Data Science and Spatial Epidemiology to Advance Environmental Cancer Research

Kamenetsky, M.

Yale School of Public Health *New Haven, CT*

Aug. 2025 A Flexible Bayesian Quantile G-Computation Approach for Modeling Environmental Mixtures Over Space

Kamenetsky, M.

Joint Statistical Meetings (JSM) *Nashville, TN*

Jul. 2025 Bayesian Quantile G-Computation: A Flexible Mixtures Approach to Spatial Analysis
Kamenetsky, M.
Geographical Analysis Working Group
National Cancer Institute (NCI)
National Institutes of Health (NIH) *Virtual*

Dec. 2023 Spatial Methods in Cluster Detection and Environmental Mixtures
Kamenetsky, M.
Office of Biostatistics Research (OBR)
National Heart, Lung, & Blood Institute (NHLBI)
National Institutes of Health (NIH) *Rockville, MD*

Oct. 2023 Spatial Methods in Cluster Detection and Environmental Mixtures
Kamenetsky, M.
SLAM (Survival, Longitudinal, and Multivariate Data) Working Group
Johns Hopkins University *Baltimore, MD*

Aug. 2023 Regularized and Multi-Model Methods for Spatial and Spatio-Temporal Cluster Detection
Kamenetsky, M.
Joint Statistical Meetings (JSM) *Toronto, Canada*

Aug. 2023 Regularized Spatial and Spatio-Temporal Cluster Detection: Applications to Breast Cancern
Kamenetsky, M., Lee, J., Zhu, J., Gangnon, R.
International Conference on Econometrics and Statistics (EcoSta) *Tokyo, Japan (Hybrid)*

Jun. 2023 Partial Effects in Environmental Mixtures: Guidance on Methods, Assumptions, and Implications
Kamenetsky, M., Keil, A.
Environmental Mixtures Working Group
National Institute of Environmental Health Sciences (NIEHS)
National Institutes of Health (NIH) *Virtual*

Jan. 2023 Novel Spatial Methods in Cancer Surveillance and Environmental Mixtures
Kamenetsky, M.
Department of Population Health Sciences
University of Wisconsin-Madison *Madison, WI*

Jun. 2022 Quantifying wildfire smoke exposure in California school children
Kamenetsky, M., Velasquez, E., Kiang, M.
Society for Epidemiologic Research (SER) Annual Meeting *Chicago, IL*

Mar. 2022 Spatial and Spatio-Temporal Clustering
Kamenetsky, M.
Toronto Data Workshop
University of Toronto *Virtual*

Dec. 2021 Spatial and Spatio-Temporal Cluster Detection: Methods and Applications
Kamenetsky, M.
Keck School of Medicine - Environmental Health Division
University of Southern California *Virtual*

Contributed Oral Presentations

* indicates presenter.

Jun. 2025 The Association Between Metal and Metalloids and Bladder Cancer Risk in the New England Bladder Cancer Study
Kamenetsky, M.*
Society for Epidemiologic Research (SER) Annual Meeting *Boston, MA*

Aug. 2024 A Latent Spatial Model for Predicting a (Semi-)Metals Mixture in Private Wells
Kamenetsky, M.*, Kim, S.D., Albert, P., Keil, A.P.
International Society for Environmental Epidemiology (ISEE) *Santiago, Chile (Hybrid)*

Aug. 2022 Cell-Wise Uncertainty Quantification of Spatial Clusters
Kamenetsky, M.*, Zhu, J., Gangnon, R.
Joint Statistical Meeting (JSM) *Washington, DC*

Jun. 2022 Detecting Spatial and Spatio-Temporal Clusters of Disease Using Stacking
Kamenetsky, M.*, Zhu, J., Gangnon, R.
Society for Epidemiologic Research (SER) Annual Meeting *Chicago, IL*

Mar. 2021 Identifying Spatial Clusters of Breast Cancer Risk: A Lasso Approach to the Wisconsin Women's Health Study
Kamenetsky, M.*, Trentham-Dietz, A., Newcomb, P., Zhu, J., Gangnon, R.
ENAR Spring Meeting *Virtual*

Dec. 2020 Identification of Breast Cancer Spatial Structures Based on the Wisconsin Womens Health Study
Kamenetsky, M.*, Trentham-Dietz, A., Newcomb, P., Gangnon, R.
Society for Epidemiologic Research (SER) Annual Meeting *Virtual*

Aug. 2020 Detecting Disease Clusters Across Space and Time Using Model Averaging
Kamenetsky, M.*, Gangnon, R.
Joint Statistical Meetings (JSM) *Virtual*

Sep. 2019 Statistical Analysis of Madison Water Utility Main Breaks
Kamenetsky, M.*, McClure, S.*
Wisconsin Section of the American Water Works Association *Madison, WI*

Aug. 2016 Predicting Enforcement of Pollution and Hazardous Waste Violations in New York State
Potash, E., Jin, J., **Kamenetsky, M.***, Magee, D., Van der Boor, P., Ghani, R.
Data Science for Social Good Conference *Chicago, IL*

Poster Presentations

* indicates presenter.

Jun. 2026 Analysis of Complex Mixtures Using Flexible Bayesian Quantile-Based G-Computation
Kamenetsky, M., Kim, S.D., Koutros, S., Karagas, M.R., Johnson, A., Baris, D., Le, X.C., Silverman, D.T., Keil, A.P.
Society for Epidemiologic Research *Phoenix, AZ*

Jun. 2025 Old Tools to Address Persistent Problems: Assessing Health Disparities and Differences with Attributable Fractions
Keil, A.*, **Kamenetsky, M.**, Spaur, M., Madrigal, J.M., Robinson, W.R.
Society for Epidemiologic Research *Boston, MA*

Jun. 2024 Partial Effects in Environmental Mixtures - Guidance on Methods, Assumptions, and Implications
Kamenetsky, M., Welch, B., Bommarito, P., Buckley, J., O'Brien, K., White, A., McElrath, T., Cantonwine, D., Ferguson, K., Keil, A.*
Society for Epidemiologic Research (SER) *Portland, OR*

Jun. 2024 The Power of Mixtures
Keil, A.*, **Kamenetsky, M.**, Choi, G., Jones, R.R., Buckley, J.P.
Society for Epidemiologic Research (SER) *Portland, OR*

Mar. 2024 Urinary and Fecal Metal Concentrations Affect Adult Human Gut Microbiome Composition in a Sample of the Wisconsin Population
Teffera, M.Y.*, **Kamenetsky, M.**, Berres, M., Bradfield, C., Malecki, K., Ronnekleiv-Kelly, S.
Society of Toxicology Meeting *Salt Lake City, UT*

Feb. 2022 A Spatial Approach to Examining Individual and Disparity-Level Factors and Hypertensive Disorders of Pregnancy
Bailey, E.*, **Kamenetsky, M.**, Lowry, A., Gangnon, R., Hoppe, K.
Society of Maternal-Fetal Medicine Annual Pregnancy Meeting *Kissimmee, FL*

Feb. 2022 A Spatial Approach to Examining Individual and Disparity-Level Factors and Birth Outcomes
Lowry, A.*, **Kamenetsky, M.**, Bailey, E., Gangnon, R., Hoppe, K.
Society of Maternal-Fetal Medicine Annual Pregnancy Meeting *Kissimmee, FL*

Oct. 2021 A Spatial Approach to Examining Individual and Disparity-Level Factors and Hypertensive Disorders of Pregnancy
Bailey, E.*, **Kamenetsky, M.**, Lowry, A., Gangnon, R., Hoppe, K.
UW Womens Health And Health Equity Research Lecture & Symposium *Madison, WI*

Mar. 2020 Space and Space-Time Cluster Detection Using the LASSO
Kamenetsky, M.*, Lee, J., Zhu, J., Gangnon, R.
UW-Madison Department of Population Health Sciences Annual Poster Session *Madison, WI*

Jan. 2020 Space and Space-Time Cluster Detection Using the LASSO
Kamenetsky, M.*, Lee, J., Zhu, J., Gangnon, R.
UW-Madison Data Science Hub: Data Science Research Bazaar *Madison, WI*

Jun. 2019 Space and Space-Time Cluster Detection Using the LASSO
Kamenetsky, M.*, Lee, J., Zhu, J., Gangnon, R.
Society for Epidemiologic Research (SER) Annual Meeting *Minneapolis, MN*

Teaching Experience

2025 **Co-Instructor**, *Division of Cancer Epidemiology & Genetics (DCEG) National Cancer Institute (NCI)*
"Causal Inference Workshop"
- Co-developed lessons and code as part of the Biostatistics Branch Workshop series.

2023 **Guest Lecturer**, *George Mason University*
"Introduction to Spatial Analysis for Public Health"
- Created materials and presented in *Biostatistics for Public Health II*.

2019-22 **Lecturer**, *University of Wisconsin-Madison*
"Spatial Statistics for Lattice Data" (STAT 679-III)

- Created lecture materials, homework assignments, final project for graduate-level course.
- Recorded lecture videos for hybrid course.
- Mentored students on their program capstone projects.

2014 **Teaching Assistant**, *University of Wisconsin-Madison*
"Introductory Statistics" (STAT 301)

- Created weekly discussion materials.
- Graded assignments and provided students with feedback.

2017-2021 **Workshop Instructor**, Data and Software Carpentry (The Carpentries), *University of Wisconsin-Madison*

- Instructor and helper for 17 campus-wide workshops, including *R for Researchers*, *Reproducible Research*, and *Python and Unix Shell*.
- Co-developed the *Health Sciences Data Carpentry Workshop* to meet demand for data literacy among campus health sciences researchers.
- Developed course materials and capstone lesson, recorded videos for asynchronous learning modules for the *Geospatial Carpentry* Workshop.

Mentoring

2023-24 Ph.D. Candidate, *Molecular & Environmental Toxicology, University of Wisconsin-Madison*
2023 Summer Volunteer, *Biostatistics Branch, National Cancer Institute*
2020 MS Student, Environmental Observation & Informatics, *University of Wisconsin-Madison*
2020 Women in Scientific Education and Research, *University of Wisconsin-Madison*
2019, 2020 Population Health Sciences Peer Connections, *University of Wisconsin-Madison*

Service

Institutional

2024 DCEG Grants and Grantsmanship: Tips on Applying for Grant Funding
- Panelist

2023 OEEB Branch Concept Study Review, *National Cancer Institute*
- Reviewer

2022-2023 DCEG Fellows' Committee, *National Cancer Institute*
- Biostatistics Branch Representative

2022-2024 DCEG Fellows Writing & Accountability Group, *National Cancer Institute*
- Founder, Facilitator

2020-2022 Population Health Sciences Writing Group, *University of Wisconsin-Madison*
- Organizer

2017-2022 Population Health Sciences Student Organization, *University of Wisconsin-Madison*
- Social Media Chair (2020-21)
- Curriculum Committee Representative (Epidemiology) (2020-21; 2018-19)
- Admissions Committee Representative (2019-20)
- Social Chair (2017-18)

Reviewer

International Journal of Health Geographics
Statistics in Medicine
American Journal of Epidemiology
The R Journal
Computational Statistics and Data Analysis
Environmental Health Perspectives

Annals of Epidemiology
BMC Public Health
Computational Statistics
Cancers
Journal of Computational and Graphical Statistics
Biostatistics

Professional

2026 Poster Judge, *Society for Epidemiologic Research (SER)* - Phoenix, AZ

2026 Session Organizer & Chair: Big Data/AI/Machine Learning, *Society for Epidemiologic Research (SER)* - Phoenix, AZ

2025 Session Chair, *Joint Statistical Meetings (JSM)* - Nashville, TN

2023 Session Chair, *Joint Statistical Meetings (JSM)* - Toronto, CA

2023-2024 Diversity & Inclusion Committee Liaison, *Society for Epidemiologic Research (SER)*

2021-2024 Communications Committee, *Society for Epidemiologic Research (SER)*

2021, 2022 Abstract Reviewer, *Society for Epidemiologic Research (SER)*

2021, 2025 Awards Committee, *American Statistical Association (ASA), Statistics in Epidemiology Section*

2021 Session Chair, ENAR Spring Meeting

Volunteering & Outreach

2021 R/Medicine 2021
- *Teaching Assistant:* Mapping Spatial Health Data (Instructor: Marynia Kolak) (Aug. 2021)

2021 RStudio::Global(2021) Conference Workshop:
- *Teaching Assistant:* Introduce Yourself Online (Instructor: Alison Hill) (Jan. 2021)

2021 UW-Madison Carpentries Instructor Development Meeting: "Teaching Debugging to Learners", *University of Wisconsin-Madison*

2021 Pathogen Dynamics Lab: "A Crash Course on Git & GitHub", *University of Cambridge*

2021 useR Boston Meetup: "Self-Assessment with `learnR`"

2019 Biostatistics Tutor, *University of Wisconsin-Madison*

2014 Statistics Tutorial Lab, *University of Wisconsin-Madison*

Software Development

2022 `clustack`, an `R` package for detecting and mapping spatial and spatio-temporal clusters using stacking (maintainer & developer: M. Kamenetsky)

2021 `clusso`, an `R` package for detecting and mapping spatial and spatio-temporal clusters using the LASSO (maintainer & developer: M. Kamenetsky)

2020 `strm`, an `R` package that fits a spatio-temporal regression model based on Chi & Zhu Spatial Regression Models for the Social Sciences (2020) (maintainer & developer: M. Kamenetsky). Available on CRAN.

2020 `coefclust`, an `R` package for detecting spatial clusters in regression coefficients (developer: J. Lee; maintainer: M. Kamenetsky)

Certification

2018 *Certified Instructor* - Data, Software, and Library Carpentry (The Carpentries)
The Carpentries is a nonprofit organization that teaches software engineering and data science skills to researchers through instructional workshops.

Professional Society Membership

2022–present International Biometric Society (East North American Region)

2018–present	Society for Epidemiologic Research
2016–present	American Statistical Association

Additional Training

2026	Teaching Science in Higher Education National Institutes of Health
2023	Speaking with the Media National Cancer Institute
2023	Ethics in Research National Institutes of Health
2023	Mental Health First Aid Kit National Institutes of Health
2022	Grant-Writing Workshop National Institute on Aging, NIH
2022	Grants and Grantsmanship Workshop Series National Cancer Institute, NIH
2022	Scientists Teaching Science Workshop National Institutes of Health

Skills

Statistical	R (advanced), SAS (advanced), STATA (intermediate)
Scripting	Python (intermediate), Unix Shell (intermediate), C++ (beginner)
Databases	PostgreSQL (beginner), MySQL (beginner)
Markup	Markdown (advanced), LaTeX (intermediate)
VersionControl	Git (intermediate)
OS	Unix/Linux (Ubuntu, RedHat), MacOS, MS Windows
Other	SaTScan (advanced), QGIS (beginner), Inkscape (intermediate), GIMP (beginner)
Languages	Russian (fluent), Spanish (intermediate), English (native language)