

<b>CONTACT</b>	Department of Biostatistics, Box 357232 University of Washington Seattle, WA 98195	<b>Email:</b> aleshing@uw.edu <b>Web:</b> aleshing.github.io <b>github:</b> github.com/aleshing
<b>INTERESTS</b>	Bayesian Statistics, Spatio-Temporal Statistics, Record Linkage, Multiple-Systems Estimation, Human Rights Research, Child Mortality Estimation	
<b>EDUCATION</b>	<b>University of Washington</b> , Seattle, WA Ph.D. in Biostatistics Advisors: Mauricio Sadinle, Ph.D. and Jon Wakefield, Ph.D.	<b>Fall 2017 - Spring 2022 (Expected)</b>
	<b>Boston College</b> , Chestnut Hill, MA B.S. in Mathematics, Departmental Honors B.A. in Computer Science, Departmental Honors <i>Summa Cum Laude</i>	<b>Fall 2013 - Spring 2017</b>
<b>RESEARCH EXPERIENCE</b>	<b>Research Assistant</b> University of Washington, Department of Biostatistics Supervisor: Mauricio Sadinle, Ph.D. Supervisor: Susanne May, Ph.D. Supervisor: Jon Wakefield, Ph.D.	<b>Fall 2019 - Present</b> <b>Winter 2020 - Present</b> <b>Summer 2019</b>
	Fred Hutchinson Cancer Research Center Supervisor: Ruth Etzioni, Ph.D.	<b>Fall 2017 - Summer 2018</b>
	<b>Computational Biology and Biostatistics Summer Research Program</b> University of Wisconsin-Madison, Department of Biostatistics & Medical Informatics Supervisors: Mark Craven, Ph.D. and Yuriy Sverchkov, Ph.D.	<b>Summer 2016</b>
	<b>Columbia Summer Institute for Training in Biostatistics</b> Columbia University, Department of Biostatistics Supervisor: Christine Mauro, Ph.D.	<b>Summer 2015</b>
<b>TEACHING EXPERIENCE</b>	<b>Teaching Assistant</b> University of Washington BIOST509 - Introduction to R for Data Analysis in the Health Sciences BIOST310 - Biostatistics for the Health Sciences STAT554 - Statistical Methods for Spatial Data	<b>Fall 2018, Fall 2019</b> <b>Spring 2019</b> <b>Winter 2019</b>
	Boston College CSCI2244 - Randomness & Computation CSCI3345 - Machine Learning CSCI2243 - Logic & Computation CSCI1101 - Computer Science I	<b>Spring 2016, Spring 2017</b> <b>Fall 2016</b> <b>Fall 2015</b> <b>Fall 2014 - Spring 2015</b>
	<b>Grader</b> Boston College MATH4427 - Mathematical Statistics MATH3320 - Introduction to Analysis MATH1180 - Principles of Statistics for the Health Sciences MATH1004 - Finite Probability & Applications	<b>Fall 2015, Spring 2017</b> <b>Fall 2016</b> <b>Spring 2016</b> <b>Fall 2014 - Spring 2015</b>

## PUBLICATIONS

1. **Aleshin-Guendel S** and Sadinle M. “Multifile Partitioning for Record Linkage and Duplicate Detection.” In preparation.
2. **Aleshin-Guendel S**, Lange J, and Etzioni R. “Latent modeling of prostate cancer to determine the biological effects of race and family history on risk of disease.” In preparation.
3. **Aleshin-Guendel S**, Sadinle M, and Wakefield J. Discussion of “Multiple-systems analysis for the quantification of modern slavery: classical and Bayesian approaches” by Silverman. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 2020.
4. Ivancic M, Megna B, **Aleshin-Guendel S**, Sverchkov Y, Craven M, Reichelderfer M, Pickhardt P, Sussman M, and Kennedy G. “Noninvasive detection of colorectal carcinomas using serum protein biomarkers.” *Journal of Surgical Research*. 2020; 160-169.
5. Lim D, Gulati R, **Aleshin-Guendel S**, Gawne A, Wingate J, Cheng H, Etzioni R, Yu E. “Undetectable prostate-specific antigen after short- course androgen deprivation therapy for biochemically recurrent patients correlates with metastasis-free survival and prostate cancer-specific survival.” *The Prostate*. 2018; 1-7.

## INVITED PRESENTATIONS

1. “Interval-Censored Survival Analysis to Reduce Detection Bias in a Study of Family History, Race, and Cancer Risk”  
*WNAR of the International Biometric Society*, Portland, OR **2019**

## CONTRIBUTED PRESENTATIONS

1. “Multifile Record Linkage and Duplicate Detection Via a Structured Prior for Partitions”  
*Joint Statistical Meetings*, Denver, CO **2019**

## ACTIVITIES

### University of Washington

Biostatistics Activities and Events Squad (BAES)  
Space-Time Reading Group

**Fall 2018 - Present**  
**Fall 2017 - Spring 2019**

## HONORS AND AWARDS

### American Statistical Association (ASA)

Student Paper Competition Winner, Social Statistics, Government Statistics, and Survey Research Methods Sections

**2020**

### Boston College

Phi Beta Kappa Honor Society

**2017**

Pi Mu Epsilon Mathematics Honor Society

**2016**

McGillycuddy-Logue Travel Grant

**2014**

## SERVICE

### Manuscript Reviewer

Annals of Applied Statistics

**2019**

### University of Washington

Department of Biostatistics Student-Faculty Relations Committee

**Fall 2018 - Present**

## SKILLS

**Languages:** R, C++, Stan, Python, Java

**Other:** L<sup>A</sup>T<sub>E</sub>X