

<b>CONTACT</b>	Department of Biostatistics, Box 357232 University of Washington Seattle, WA 98195	<b>Email:</b> aleshing@uw.edu <b>Web:</b> <a href="http://students.washington.edu/aleshing">students.washington.edu/aleshing</a> <b>github:</b> <a href="https://github.com/aleshing">github.com/aleshing</a>
<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</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 record linkage and duplicate detection via a structured prior for partitions." 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. Ivancic MM, Megna B, **Aleshin-Guendel S**, Sverchkov Y, Craven M, Reichelderfer M, Pickhardt PJ, Sussman MR, and Kennedy GD. "Noninvasive detection of colorectal carcinomas using serum protein biomarkers." *Journal of Surgical Research*. 2020; 160-169.
4. Lim DM, Gulati R, **Aleshin-Guendel S**, Gawne A, Wingate JT, Cheng HH, Etzioni R, Yu EY. "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