

# SARAH VAN ALSTEN

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## EDUCATION

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- MPH** Washington University, St. Louis, MO May 2020  
Epidemiology and Biostatistics Concentration  
Thesis: “Insurance, Medication Costs, and Mortality in Cancer and Diabetes: A Multi-Year Analysis of the National Health Interview Survey”
- BS** Trinity University, San Antonio, TX May 2018  
Neuroscience, Summa Cum Laude  
Thesis: “The Role of Salivary Amylase in Interpersonal Closeness”

## HONORS AND AWARDS

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- Florence Nightingale Distinguished Scholar** 2018  
Washington University, St. Louis
- Trinity Towers Research Scholar** 2014  
Trinity University, San Antonio
- National Merit Scholar** 2013

## RESEARCH EXPERIENCE

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- Washington University, St. Louis, MO** 2018 to Present  
**Masters Research Fellow**, Psychiatric Epidemiology
- Longitudinal Comorbidity in Eating Disorder Patients
  - Sequence Analysis and Longitudinal Modeling
  - Latent Class Causal Analysis and Weight Perception
  - Adverse Childhood Experiences
- National Cancer Institute, Rockville, MD** 2019 to 2019  
**Summer Fellow**, Infections and Immunoepidemiology
- Biomarkers of Chronic Inflammation
  - Metabolic Syndrome
  - Physical Activity
- Trinity University, San Antonio, TX** 2016 to 2018  
**Research Assistant**, Neuroscience
- Biomarkers in Behavioral Research

- Stress and Interpersonal Relationships

**Trinity University**, San Antonio, TX

2014 to 2016

**Research Assistance**, Biochemistry and Molecular Biology

- PRP6 Function in Yeast Spliceosome

## **PUBLICATIONS**

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### *Manuscripts in Preparation*

**Van Alsten, S.**, Harris, J., and Salvo, D. “Cost-Related Nonadherence as a Risk Factor for Cancer and Diabetes Mortality: Findings from the National Health Interview Survey,” *To be submitted to: Community Health*.

### *Manuscripts Under Review*

**Van Alsten, S.**, Rabkin, C., Sawada, N., Shimazu, N., Charvat, H., Yamaji, T., Inoue, M., Kemp, T., Pinto, L., Camargo, M., and Song, M. “Inflammation, Metabolic Syndrome, and Physical Activity: A Cross-Sectional Analysis of 110 Circulating Biomarkers in Japanese Adults,” *Submitted to: Cancer Epidemiology, Biomarkers & Prevention*.

**Van Alsten, S.**, and Duncan, A.E., “Longitudinal Comorbidity in Eating Disorders: A Hierarchical Clustering Approach,” *Submitted to: Psychological Medicine*.

## **PEER REVIEWED CONFERENCE PRESENTATIONS**

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### *Posters (Accepted)*

**Van Alsten, S.**, and Duncan, A.E. “A Life-Course Typology of Comorbidity in Bulimia Nervosa and Binge Eating Disorder,” Eating Disorders Research Society, Sep. 6-8, 2019.

Furtado, K.S., Nandan, P., **Van Alsten, S.**, Kocher, J., and Duncan, A.E. “Considering Race, Gender, Disability, and the Discipline Gap,” Society for Epidemiologic Research, June 18-21, 2019.

**Van Alsten, S.**, Steensma, J., and Duncan, A.E. “Beyond the Black and White: Intersections of Race, Sex, and Disability in Incarcerated Youth,” Research Without Walls Symposium, Apr. 25, 2019.

Xu, C., **Van Alsten, S.**, Jonson-Reid, M., Bucholz, K.K., Madden, P.A.F., Heath, A.C., and Duncan, A.E. “Is Child Neglect Associated with Binge Eating? Findings

from a Population-representative Twin Sample,” International Conference of Eating Disorders, Mar. 13-15, 2019.

Furtado, K.S., Men, V., Nandan, P., **Van Alsten, S.**, Kocher, J., and Duncan, A.E.  
“The Discipline Gap Is Larger Than We Think: Considering the Intersection of Sex, Race, and Disability Status,” American Public Health Association, Nov. 10-14, 2018.

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## TEACHING EXPERIENCE

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**2019- Present**, Statistics Tutor, Washington University in St. Louis  
**2019**, Guest Lecturer, “Intro to R/R Studio”, National Cancer Institute  
**2017- 2018**, Statistics Tutor, Trinity University

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## COMMUNITY SERVICE

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**2018- Present**, Co-chair, Cells to Society Student Journal Club  
**2018- Present**, Member, R-Ladies St. Louis  
**2017- 2018**, Peer Educator and Coordinator, The Body Project- Trinity University  
**2015- 2016**, Volunteer Fundraiser, Kayla Myers Memorial Food Drive

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## REFERENCES

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**Dr. Alexis Duncan**, Associate Professor  
Brown School, Washington University in St. Louis  
One Brookings Drive, Campus Box 1196  
St. Louis, MO 63130  
Phone: 314-935-6758  
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**Dr. Minkyong Song**, Postdoctoral Fellow  
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**Dr. Jenine Harris**, Associate Professor  
Brown School, Washington University in St. Louis

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