

SARAH VAN ALSTEN

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EDUCATION

- 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

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

RESEARCH EXPERIENCE

- Washington University, St. Louis, MO** 2018 to Present
Masters Research Fellow, Psychiatric Epidemiology
- Longitudinal Comorbidity in Eating Disorder Patients
 - Sequence Analysis and Hierarchical Clustering of Symptom Trajectories
 - Racial Disparities in School Discipline
 - Child Maltreatment and PTSD
- National Cancer Institute, Rockville, MD** 2019 to 2019
Summer Fellow, Infections and Immunoepidemiology
- Biomarkers of Inflammation and Metabolic Syndrome
 - Immuno-inflammation in Metabolic Associated Cancers
- Trinity University, San Antonio, TX** 2016 to 2018
Research Assistant, Neuroscience
- Biomarkers in Behavioral Research
 - Salivary Alpha Amylase as an Indicator of Psychological Distress

- Stress and Interpersonal Relationships

Trinity University, San Antonio, TX

2014 to 2016

Research Assistance, Biochemistry and Molecular Biology

- PRP6 Function in Yeast Spliceosome

PUBLICATIONS

Manuscripts in Preparation

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

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

Duncan, A.E., Jonson-Reid, M., Xu, C., **Van Alsten, S.**, Madden, P., and Heath, A. “Adverse Childhood Experiences Increase the Risk of Disordered Eating: Evidence from a Racially Diverse Sample of Female Twins,” *To be submitted to: International Journal of Eating Disorders*.

Manuscripts Under Review

Van Alsten, S., Rabkin, C., and Song, M. “Inflammation, Metabolic Syndrome, and Physical Activity: A Cross-Sectional Analysis of 110 Circulating Biomarkers in Japanese Adults,” *Submitted to: EBiomedicine*.

PEER REVIEWED CONFERENCE PRESENTATIONS

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.

TEACHING EXPERIENCE

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

COMMUNITY SERVICE

2019- Present, Blog Contributor, Women in Statistics

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

SOFTWARE EXPERTISE

R/R Studio

Python

SAS

Stata

SPSS

REFERENCES

Dr. Alexis Duncan, Associate Professor
Brown School, Washington University in St. Louis
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St. Louis, MO 63130
Phone: 314-935-6758
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