

# Curriculum Vitae

## Haley E. Yaremych

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### EDUCATION

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**Vanderbilt University**, Nashville, TN **2019-present**  
*PhD Student in Quantitative Psychology*

**University of Michigan**, Ann Arbor, MI **2013-2017**  
*Bachelor of Arts in Psychology with Honors*  
*Minors in Applied Statistics and Community Action & Social Change*  
GPA: 4.00

### RESEARCH EXPERIENCE

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**Postbaccalaureate Research Fellow** **Jul 2017–Jun 2019**  
*Social & Behavioral Branch, National Human Genome Research Institute, National Institutes of Health, Bethesda, MD*  
Principal Investigator: Susan Persky, PhD  
Project Description: Several studies aimed at developing and implementing novel methods for examining behavioral data, the use of virtual reality for behavioral health research, and the communication of ideas about genetics and health to parents.

**Research Assistant** **Jan 2015-Jun 2017**  
*Center for Human Growth & Development, University of Michigan, Ann Arbor, MI*  
Principal Investigator: Brenda L. Volling, PhD  
Project Description: Several studies examining the role of family relationships in young children's socio-emotional development, family adjustment upon the birth of a sibling, the importance of fathers in facilitating developmental outcomes, and sibling relationship quality.

**Biostatistics Summer Research Fellow** **Jun 2016–Jul 2016**  
*School of Public Health, University of Michigan, Ann Arbor, MI*  
Principal Investigator: Goncalo Abecasis, DPhil  
Project Description: Independent project investigating associations between genetic loci and self-reported symptoms of mental illness via a genome-wide association study.

**Research Assistant** **Jan 2014-Apr 2014**  
*Center for Bioethics & Social Sciences in Medicine, University of Michigan, Ann Arbor, MI*  
Principal Investigator: Reshma Jagsi, MD, DPhil  
Project Description: Investigating the subjective experiences of women in the medical field.

### HONORS & AWARDS

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**Winner**, National Human Genome Research Institute Three-Minute Talk Competition, 2018

**Postbaccalaureate Intramural Research Training Award**, National Institutes of Health, 2017

**Graduation with Highest Distinction**, University of Michigan College of Literature, Science, & the Arts, 2017

**Honors in Psychology**, University of Michigan Honors College, 2017

Thesis: *Prosocial Development Between Siblings: The Role of Marital Quality and Parents' Emotion Socialization Practices*

Mentor: *Brenda L. Volling, PhD*

**Phi Beta Kappa**, University of Michigan College of Literature, Science, & the Arts, 2016

**Mary E.B. Markley Scholarship**, American Association of University Women, 2016

**James B. Angell Scholar**, University of Michigan College of Literature, Science, & the Arts, 2014-2017

**William J. Branstrom Freshman Prize**, University of Michigan College of Literature, Science, & the Arts, 2014

## PUBLICATIONS & PRESENTATIONS

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### Peer-Reviewed Publications

**Yaremych, H.E.**, & Persky, S. (2019). Tracing physical behavior in virtual reality: A narrative review of applications to social psychology. *Journal of Experimental Social Psychology*, 85.

**Yaremych, H.E.**, Kistler, W.D., Trivedi, N., & Persky, S. (2019). Path tortuosity in virtual reality: A novel approach for quantifying behavioral process in a food choice context. *Cyberpsychology, Behavior, and Social Networking*, 22(7).

Persky, S., Ferrer, R.A., Klein, W.M.P., Goldring, M.R., Cohen, R.W., Kistler, W.D., **Yaremych, H.E.**, & Bouhlal, S. (2018). Effects of fruit and vegetable feeding messages on mothers and fathers: Interactions between emotional state and health message framing. *Annals of Behavioral Medicine*, 53(9), 789-800.

**Yaremych, H.E.**, & Volling, B.L. (2018). Sibling relationships and mothers' and fathers' emotion socialization practices: A within-family perspective. *Early Child Development and Care*, 1-15.

### Oral Presentations

**Yaremych, H.E.**, & Persky, S. (2018, November). Virtual reality technology for studying social and behavioral processes. Invited talk at the Uniformed Services University Current Topics in Preventive Medicine and Biostatistics Seminar, Bethesda, MD.

**Yaremych, H.E.**, Kistler, W.D., Trivedi, N., & Persky, S. (2018, June). Path tortuosity in virtual reality: A novel approach for understanding behavioral process. Paper presented at the National Institutes of Health Three-Minute Talk Finals, Bethesda, MD. <https://www.youtube.com/watch?v=b9k5mFdcgow>

**Yaremych, H.E.**, Kistler, W.D., Trivedi, N., & Persky, S. (2018, April). Path tortuosity in virtual reality: A novel approach for understanding behavioral process. Paper presented at the Technology, Mind, & Society Conference, Washington, DC.

**Yaremych, H.E.**, Boland, S.E., Hollister, B.M., Kistler, W., & Persky, S. (2017, October). New technology and child health. Project presented at the Social & Behavioral Research Branch Works-in-Progress Meeting, Bethesda, MD.

### Poster Presentations

**Yaremych, H.E.**, & Persky, S. (2019, May). Evaluating the effectiveness of eight methods for recruiting fathers to participate in parenting research. American Psychological Society Conference, Washington, DC.

**Yaremych, H.E.**, Kistler, W.D., Trivedi, N., & Persky, S. (2019, February). Linking path tortuosity with emotional experience: Exploring a novel metric for quantifying behavioral process. Society for Personality & Social Psychology Conference, Portland, OR.

**Yaremych, H.E.**, Ferrer, R.A., & Persky, S. (2018, November). Learning about child obesity risk based on interactive genetic and environmental factors: How do parents react? National Human Genome Research Institute Annual Symposium, Bethesda, MD.

**Yaremych, H.E.**, Boland, S.E., & Persky, S. (2018, May). Recruiting mothers and fathers for participation in health research: A method comparison study. National Institutes of Health Postbac Poster Day, Bethesda, MD.

- Yaremych, H.E.,** Goldring, M.R., Cohen, R.W., Kistler, W., Bouhlal, S., Ferrer, R., Klein, W., & Persky, S. (2017, October). Mothers' and fathers' feeding behavior: Influences of family health history and health message characteristics. National Human Genome Research Institute Annual Symposium, Bethesda, MD.
- Yaremych, H.E.,** & Volling, B.L. (2017, April). Prosocial development between siblings: The role of marital quality and parents' emotion socialization practices. University of Michigan Psychology Research Forum, Ann Arbor, MI.
- Yaremych, H.E.,** & Nwokeabia, C.J. (2016, July). A genome-wide association study for mental illness. Symposium on Big Data, Human Health, & Statistics, Ann Arbor, MI.

## TEACHING EXPERIENCE

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### Teaching Assistant

**Aug 2019-present**

*Quantitative Methods Department, Vanderbilt University, Nashville TN*  
TA for undergraduate-level introductory statistics

### Tutor

**Aug 2016–June 2017**

*Athletic Department, University of Michigan, Ann Arbor, MI*

Tutored for courses including: STATS 250, Introduction to Statistics & Data Analysis; STATS 401, Applied Statistical Methods II; SI 106, Introduction to Python; PSYCH 111, Introduction to Psychology; PSYCH 240, Cognitive Psychology; PSYCH 250, Developmental Psychology

### Tutor & Textbook Contributor

**Feb 2016–Sept 2016**

*School of Information, University of Michigan, Ann Arbor, MI*

Tutored students privately in SI 106, Introduction to Python; contributed to the online course textbook by creating practice exercise item banks

## PROFESSIONAL SKILLS

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- Fluent with R, Python, and SPSS for data analysis and visualization
- Experience with Git and GitHub, UNIX, and STATA
- Study design and planning; creating manipulation materials and surveys to be used in experiments
- Conducting structured interviews; verbally administering scales including the Sibling Inventory of Differential Experience and Sibling Inventory of Behavior
- Systematic literature review
- Database management in Microsoft Access