

# S. MASON GARRISON

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## APPOINTMENTS

### Wake Forest University

Assistant Professor, Quantitative Methods, Department of Psychology

July 2019 - Present

## EDUCATION

### Vanderbilt University, Peabody College

Ph.D in Psychological Sciences – Quantitative Methods

August 2020

Certificate in Experimental Education

Fitting Problems: Evaluating Model Fit in Behavior Genetic Models

Advisor: Joseph L. Rodgers

M.S. in Psychological Sciences

December 2016

Quinn Exchange Fellow, University of British Columbia

Summer - Winter 2015

Summer Scholar, ICPSR, University of Michigan

Summer 2014

### Washington University in St. Louis

A.B in Economics & Psychology, *magna cum laude*

May 2013

## INTERESTS

Methods Archival Data • Biometrically-Informed Designs • Model Fit • Multi-Group Structural Equation Modeling

Substance Behavior Genetics • Health Inequity • Individual Differences • Non-Twin Models • Socioeconomic Disparities

## ADMINISTRATION

Director. R Computing Lab

Jul 2019 - Present

Co-Director. Kelly/Connolly Longitudinal Marriage Study on Personality and Aging

Dec 2012 - Present

Lab Coordinator. Strube Social Behavior Lab, WUSTL

Oct 2012 - Jul 2013

## SELECT AWARDS & HONORS

National Science Foundation Graduate Research Fellowship (\$138,000)

2015 - 2020

Vanderbilt Graduate Honor Fellowship (\$50,000)

2013 - 2018

Peabody & Vanderbilt Travel Grants (\$10,000)

2013 - 2018

SMEP Student Travel Award (\$1,500)

2016

SMEP Workshop Travel Awards (\$2,000)

2014; 2016

SPSP Diversity Fund Graduate Travel Award

2015

SPSP Graduate Travel Award *Declined*

2015

Peabody Dean's Fellowships (\$10,000)

2013; 2015

UBC Quinn Exchange Fellowship (C\$3,000)

2015

Tennessee Psychological Association, 3<sup>rd</sup> Place Undergraduate Poster Competition

2014

ICPSR Jerome M. Clubb Scholarship (\$4,000)

2014

Peabody Dean's Summer Scholarships (\$5,334)

2013; 2014

Robert Hogan Family Foundation Travel Grant (\$1,200)

2013

Hayek Fund for Future Scholars

2013

WUSTL Latin Honors

2013

*Sigma Xi* Science Honors Society

2013

## PUBLICATIONS

11. Schweinsberg, M., Feldman, M., Staub, N., ..., **Garrison, S. M.**, ..., & Uhlmann, E.L. (in press). Radical dispersion in empirical results when independent scientists operationalize and test the same hypothesis with the same data. *Organizational Behavior and Human Decision Processes*. doi:10.1016/j.obhdp.2021.02.003
10. Hunter, M., **Garrison, S. M.**, Burt, A., & Rodgers, J. L. (2021). The Analytic Identification of Variance Component Models Common to Behavior Genetics. *Behavior Genetics*. doi:10.1007/s10519-021-10055-x
9. **Garrison, S. M.** & Rodgers, J. L. (2019) Decomposing the Causes of the Socioeconomic Status-Health Gradient with Biometrical Modeling. *Journal of Personality and Social Psychology*, 116(6), 1030–1047. doi: 10.1037/pspp0000226
8. Rodgers, J. L., **Garrison, S. M.**, O'Keefe, P., W., Bard, D., Hunter, M., & Beasley (2019). Responding to a 100-Year-Old Challenge from Fisher: A Biometrical Analysis of Adult Height in the NLSY Data Using Only Cousin Pairs. *Behavior Genetics*. 444–454. doi:10.1007/s10519-019-09967-6
7. The Psychological Science Accelerator Team (2018). The Psychological Science Accelerator: Advancing Psychology Through a Distributed Collaborative Network. *Advances in Methods and Practices in Psychological Science*, psyarxiv.com/785qu/
6. **Garrison, S. M.** (2018). Popular Structural Equation Modeling Programs for Behavior Genetics. *Structural Equation Modeling: A Multidisciplinary Journal*, 25:6, 972-977 doi:10.1080/10705511.2018.1493385
5. **Garrison, S. M.**, Doane, M. J., & Elliott, M. (2018). Gay and Lesbian Experiences of Discrimination, Health, and Well-Being Surrounding the Presidential Election. *Social Psychological & Personality Science*, 9(2), 131-142. osf.io/dwscm/
4. Schultz, L., Connolly, J. J., **Garrison, S. M.**, Leveille, M., Jackson, J. J. (2017). Vocational Interests Across 20 Years of Adulthood: Stability, Change, and the Role of Work Experiences. *Journal of Research in Personality*, 71, 46-56.
3. **Garrison, S. M.** & Rodgers, J. L. (2016). Casting doubt on the causal link between intelligence and age at first intercourse: A cross-generational sibling comparison design using the NLSY. *Intelligence*, 59, 139-156. doi:10.1016/j.intell.2016.08.008
2. Rodgers, J. L., Beasley, W. H., Bard, D. E., Meredith, K. M., Hunter, M., Johnson, A. B., Buster, M., Li, C., May, K. O., **Garrison, S. M.**, Miller, W. M., van den Oord, E., & Rowe, D. C. (2016). The NLSY kinship links: Using the NLSY79 and NLSY-Children data to conduct genetically-informed and family-oriented research. *Behavior Genetics*. doi:10.1007/s10519-016-9785-3
1. Jackson, J. J., Connolly, J. J., **Garrison, S. M.**, Leveille, M. M., & Connolly, S. L. (2015). Your friends know how long you will live: A 75-year study of peer-rated personality traits. *Psychological Science*, 26(3), 335-340. doi:10.1177/0956797614561800

## GRANT ACTIVITY

2. Co-I (8/15/2021 – 7/31/2024) The National Institute on Aging (NIA), RF1-AG073189: "Quantifying the contributions of mitochondrial DNA to Alzheimer's Disease and related conditions of aging"; Alex Burt, PI, Michigan State University, Department of Psychology. (total costs:\$1,542,903; subcontract PI \$ TBD ).
1. Consultant (2019 - 2022): Understanding Employment Trajectories of Racially Minoritized Engineering PhDs. (NSF:EDA-Eng Diversity Activities; 1916534), Ebony McGee, PI, Vanderbilt University, Department of Teaching and Learning. (total costs: \$593,957).

## SOFTWARE

### In Active Development

denotes \*undergraduate\* or †graduate‡ student co-author

5. **Garrison, S. M.**, Trattner, J.\* & Ream, C. (2021). discord: Functions for Discordant Kinship Modeling R package CRAN.R-project.org/package=discord

4. **Garrison, S. M.**, Hunter, M., Trattner, J.<sup>\*</sup>, & Burt, A (2021). BGMisc: Miscellaneous Behavior Genetic Functions R package [CRAN.R-project.org/package=BGMisc](https://CRAN.R-project.org/package=BGMisc)
3. Beasley, W., Rodgers, J. L., Bard, D., Hunter, M., **Garrison, S. M.**, & Meredith, K. (2021). NlsyLinks: Utilities and kinship information for research with the NLSY R package [CRAN.R-project.org/package=NlsyLinks](https://CRAN.R-project.org/package=NlsyLinks)

### Maintained

2. RegExTypoFix Development Team (2020). Regular Expression Typographical error Fixer for AutoWikiBrowser. [en.wikipedia.org/wiki/Wikipedia:AutoWikiBrowser/Typos](https://en.wikipedia.org/wiki/Wikipedia:AutoWikiBrowser/Typos)
1. **Garrison, S. M.** (2020). MasonMisc: Mason's Miscellaneous Functions R package [github.com/smasongarrison/MasonMisc](https://github.com/smasongarrison/MasonMisc)

## PRESENTATIONS

denotes \*undergraduate\* or †graduate† student co-author

### Invited Talks

62. **Garrison, S. M.** (Nov 2021). More Challenges in Evaluating Model Fit for Behavior Genetic Models: Model Identification, Saturation, and Bears . . . Oh My! Talk to be given at the Quantitative Methods Speaker Series, Department of Psychology, Arizona State University on Zoom.
61. **Garrison, S. M.** (Jan 2021). Challenges in Evaluating Model Fit for Behavior Genetic Models: Model Identification, Saturation, and Bears . . . Oh My! Talk given at the Quantitative Methods Brownbag, Department of Psychology, The University of California, Davis on Zoom.
60. **Garrison, S. M.** (Jan 2020). Using families to test causal claims without experiments. Talk given at Department of Psychology, The University of North Carolina at Greensboro in Greensboro, NC.
59. **Garrison, S. M.** (Oct 2018). Using families to test causal claims without experiments. Talk given at Department of Psychology, Wake Forest University in Winston-Salem, NC.
58. **Garrison, S. M.** (Feb 2016). Who you marry matters: Partner traits influence your own mortality. Talk given at Health Psychology Area Workshop, Department of Psychology, University of British Columbia in Vancouver, BC. [osf.io/jbf96/](https://osf.io/jbf96/)
57. **Garrison, S. M.** (Nov 2015). Who you marry matters: Partner characteristics influence your own longevity and other important outcomes. Talk given at Junior Fellows Speaker Series, St. John's College, University of British Columbia in Vancouver, BC. [osf.io/zqv5t/](https://osf.io/zqv5t/)

### Conference Talks

56. **Garrison, S. M.** & Rodgers, J. L. (Jun 2020) Fitting Problems: Evaluating Model Fit in Behavior Genetic Models. Talk given at Behavior Genetics Annual Meeting on Zoom.
55. **Garrison, S. M.** & Rodgers, J. L. (Jun 2019). Uncovering the Origins of Age at First Intercourse: Applications of an Extended-Family Behavior Genetic Model. Take given at 2019 Biennial Association for Research in Personality Conference in Grand Rapids, MI.
54. **Garrison, S. M.**, O'Keefe, P., Hunter, M., Beasley, W., Bard, D. & Rodgers, J. L. (Jun 2018). AC'RE model: Estimating Rearing Effects without Twins Raised Apart. Talk given at Behavior Genetics Annual Meeting in Boston, MA.
53. **Garrison, S. M.** & Rodgers, J. L. (Sep 2016). Advances in discordant sibling designs from the NLSY, illustrated with SES and health. Talk given at Developmental Methods Annual Conference in Whitefish, MT.

### Conference Presentations

52. Robertson, H.<sup>\*</sup>, Rodgers, J. L., & **Garrison, S. M.** (Jun 2021). Discordant-Sibling Designs and Applications for Differential Psychology. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.
51. Milhollen, M.<sup>\*</sup> & **Garrison, S. M.** (Jun 2021). Exploring the Archives: A review of Pre-Existing Longitudinal Family Studies with Life Outcomes. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.

50. Sims, E.<sup>†</sup>, Trattner, J.\* & **Garrison, S. M.** (Jun 2021). Does depression lead to criminal behavior? A sibling comparison design using the NLSY. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.
49. Good, R.\* Hwang, Y. R.<sup>†</sup> & **Garrison, S. M.** (Jun 2021). Liquor Legacies: The impact of parental psychopathology and young adult depression on alcohol use. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.
48. Hwang, Y. R.<sup>†</sup>, Trattner, J.\* & **Garrison, S. M.** (Jun 2021). Breaking down the components of the SES-health gradient with sibling comparisons. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.
47. Mao, T. S.\* Hwang, Y. R.<sup>†</sup>, Trattner, J.\* & **Garrison, S. M.** (Jun 2021). Perspectives of Gender Roles in the Family versus Personality Traits. Pre-Recorded Mini-Presentation presented at Behavior Genetics Annual Meeting on Zoom.
46. Hwang, Y. R.<sup>†</sup> & **Garrison, S. M.** (May 2021). Exploring the Components of Socio-Economic Status and Their Relationship with Health. Poster presented at 2021 APS Annual Convention on Zoom.
45. Later, K.\* Trattner, J.\* & **Garrison, S. M.** (Feb 2021). Intergenerational consequences of divorce. Poster presented at 2021 SPSP Annual Convention on Zoom.
44. Mao, T. S.\* Hwang, Y. R.<sup>†</sup>, Trattner, J.\* & **Garrison, S. M.** (Feb 2021). Gender Roles Attitudes and Personality: A Sibling Comparison Design. Poster presented at 2021 SPSP Annual Convention on Zoom.
43. Trattner, J.\* Later, K.\* & **Garrison, S. M.** (Feb 2021). Vaccination and SES: Not such a simple relationship after all. Poster presented at 2021 SPSP Annual Convention on Zoom.
42. **Garrison, S. M.**, Sims, E.<sup>†</sup>, Trattner, J.\* & Later, K.\* (Feb 2021). Causal Inference Loves Moms: Extending the Discordant Kinship Design to Parents. Poster presented at 2021 SPSP Annual Convention on Zoom.
41. Sims, E.<sup>†</sup> & **Garrison, S. M.** (Feb 2021). Examining the relationship between depression and delinquency: A sibling comparison design using the NLSY. Poster presented at 2021 SPSP Annual Convention on Zoom.
40. Later, K.\* Trattner, J.\* Santos, C.<sup>†</sup> & **Garrison, S. M.** (Jun 2020). Examining the Causal Link between Divorce and Mental Health of their Offspring Using the Cross-Generational Sibling Comparison Model. Pre-recorded mini presentation presented at Behavior Genetics Annual Meeting on Zoom.
39. Trattner, J.\* Later, K.\* & **Garrison, S. M.** (Jun 2020). Vaccine willingness and socioeconomic status: A biometrically controlled design. Pre-recorded mini presentation presented at Behavior Genetics Annual Meeting on Zoom.
38. Hunter, M., **Garrison, S. M.**, Beasley W., O'Keefe, P., Bard, D., & Rodgers, J. L. (Jun 2019). Five ways to analyze 50,000 pairs of related persons in the National Longitudinal Survey of Youth. Talk given at Behavior Genetics Annual Meeting in Stockholm, Sweden.
37. Beasley W., Hunter, M., Bard, D., **Garrison, S. M.**, O'Keefe, P. & Rodgers, J. L. (Jun 2019). Original and Replication Research with the NLSY79 and NLSY97 Kinship Links. Talk given at Behavior Genetics Annual Meeting in Stockholm, Sweden.
36. Bard, D., Hunter, M., **Garrison, S. M.**, O'Keefe, P., Beasley W., & Rodgers, J. L. (Jun 2019). Patterns of Phenotype-Environment Correlation within Cognitive Development. Talk given at Behavior Genetics Annual Meeting in Stockholm, Sweden.
35. O'Keefe, P., **Garrison, S. M.**, Bard, D., Hunter, M., Beasley W., & Rodgers, J. L. (Jun 2019). The Mediating Impact of Cognitive Ability on the SES-Health Gradient. Talk given at Behavior Genetics Annual Meeting in Stockholm, Sweden.
34. **Garrison, S. M.** & Rodgers, J. L. (Feb 2019). Uncovering the Origins of Age at First Intercourse: Applications of an Extended-Family Behavior Genetic Model. Poster presented at 2019 SPSP Annual Convention in Portland, OR. Also, presented at Personality Processes, Functions and Dynamics Preconference.
33. Rodgers, J. L., **Garrison, S. M.**, O'Keefe, P., W., Bard, D., Hunter, M., & Beasley (Jun 2018). Responding to a 100-Year-Old Challenge from Fisher: A Biometrical Analysis of Adult Height in the NLSY Data Using Only Cousin Pairs. Talk given at Behavior Genetics Annual Meeting in Boston, MA.

32. **Garrison, S. M.** (Mar 2018). Do Commonly-Used Factor Analysis Criteria Work?: Monte-Carlo Simulations of Personality-Like Data. Poster presented at 2018 SPSP Annual Convention in Atlanta, GA.
31. **Garrison, S. M.** (Jun 2017). Effectiveness of factor enumeration rules on personality data. Poster presented at 2017 Association for Research in Personality in Sacramento, CA.
30. **Garrison, S. M.** & Rodgers, J. L. (Jan 2017). Making Causal Claims without Experiments: Advances in Discordant Sibling Designs with the SES-health Gradient. Poster presented at 2017 SPSP Annual Convention in San Antonio, TX. Also, presented at Annual Lifespan Social-Personality Preconference.
29. **Garrison, S. M.** & Rodgers, J. L. (Oct 2016). Decomposing the Causes of the SES-Health Gradient with Biometrical Modeling. Poster presented at Annual Society of Multivariate Experimental Psychology (SMEP) Graduate Student Conference in Richmond, VA.
28. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (Jan 2016). When does personality influence the timing of divorce?: A dyadic Aalen regression of peer-rated personality over 45 years. Poster presented at Annual Meeting of the Society for Personality and Social Psychology in San Diego, CA. Also, presented at Annual Lifespan Social-Personality Preconference.
27. Zhu, J. Y., **Garrison, S. M.**, Rodgers, J. L. & Zald, D. H. (Jan 2016). Shaping Perseverance: Evidence of shared environmental effects on Grit and a task-based measure of persistence. Poster presented at Annual Meeting of the Society for Personality and Social Psychology in San Diego, CA.
26. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (Jan 2016). Longevity findings from the KCLS. Flash talk given at Annual Social Personality Health Preconference in San Diego, CA.
25. Rodgers, J. L. & **Garrison, S. M.** (Sep 2015). Do intelligent girls delay age at first intercourse?: Different results within-families versus between-families. Talk given at International Society for Intelligence Research Annual Conference in Albuquerque, NM.
24. **Garrison, S. M.** & Rodgers, J. L. (Jun 2015). Additive effects of maternal conscientiousness and general ability on infant health: Cause or Confound? Poster presented at 2015 Association for Research in Personality Conference in St. Louis, MO.
23. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (Feb 2015). Impact of adolescent conscientiousness and intelligence on health at middle age: A sibling comparison approach. Poster presented at Annual Meeting of the Society for Personality and Social Psychology in Long Beach, CA. Also, presented at Annual Lifespan Social-Personality Preconference.
22. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (Feb 2015). Using multiple perspectives to inform the association between personality and important life outcomes. Talk given at Annual Meeting of the Society for Personality and Social Psychology in Long Beach, CA.
21. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (Feb 2015). Agreeableness-Stress interactions explored: Within couple differences partially moderate the relationship between stress and divorce. Poster presented at Annual Lifespan Social-Personality Preconference in Long Beach, CA.
20. Romick, K.\*, **Garrison, S. M.**, & Rodgers, J. L. (Nov 2014). Early book ownership: Catalyst for future reading enjoyment and achievement. Poster presented at 2014 Tennessee Psychological Association Annual Convention in Nashville, TN. *Poster awarded 3<sup>rd</sup> place in Undergraduate Poster Competition*
19. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (Oct 2014). The downstream health consequences of individual differences: Evidence from a kinship modeling perspective. Poster presented at 2014 Tennessee Psychological Association Annual Convention in Nashville, TN.
18. Connolly, J. J., Leveille, M., **Garrison, S. M.**, & Jackson, J. J. (Oct 2014). Relief, regret, resilience: The long-term psychological effects of getting divorced. Paper presented at Annual Convention of the Connecticut Psychological Association in Haddam, CT.
17. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (Jul 2014). Your friends know when you will divorce: A dyadic Cox regression of peer-rated personality. Poster presented at Annual Meeting of the European Conference on Personality in Lausanne, Switzerland.

16. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (Jul 2014). Personality trait change in adulthood predicts health status in older adulthood. Talk given at Annual Meeting of the European Conference on Personality in Lausanne, Switzerland.
15. Rodgers, J. L., **Garrison, S. M.**, & Hadd, A. R. (Jun 2014). Intelligence and Fertility in the NLSY79 Respondents: Children of Siblings and Biometrical Models. Talk given at 2014 Behavior Genetics Association in Charlottesville, VA.
14. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (Feb 2014). Peer-rated personality traits influence relationship duration and dissolution. Poster presented at Annual Meeting of the Society for Personality and Social Psychology in Austin, TX. Also, presented at Annual Lifespan Social-Personality Preconference.
13. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (Feb 2014). What your friends know that you don't: Friend rated personality predicts longevity 70 years later. Talk given at Annual Meeting of the Society for Personality and Social Psychology in Austin, TX.

### Departmental Talks & Presentations

12. **Garrison, S. M.** (Aug 2021). Double, Double Toil and Trouble: Troubleshooting Complex Problems. Talk to be given at Seminar in Analysis and Measurement, Department of Psychology, Wake Forest University.
11. Hwang, Y. R.<sup>†</sup> & **Garrison, S. M.** (May 2021). Breaking down the components of the SES-health gradient with sibling comparisons. Poster presented at the First-Year Graduate Student Poster Session, Department of Psychology, Wake Forest University.
10. **Garrison, S. M.** (Apr 2021). Modeling Monarchs, Mitochondria, Meiosis, Maternal Cousins, Matrices, & Mormons with Mason. Talk given at the Well-being Seminar, Department of Psychology, Wake Forest University.
9. **Garrison, S. M.** (Feb 2020). I don't go looking for Data . . . Data usually finds me. Talk given at Seminar in Analysis and Measurement, Department of Psychology, Wake Forest University.
8. **Garrison, S. M.** & Rodgers, J. L. (Nov 2018). Using families to test causal claims without experiments. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
7. **Garrison, S. M.** & Rodgers, J. L. (Mar 2018). Using siblings to test causal claims without experiments. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
6. **Garrison, S. M.** & Rodgers, J. L. (Apr 2017). Twins, Cousins, and Sibling-Pairs (oh my): Biometrical Applications of 42,773 Kinship Pairs. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
5. **Garrison, S. M.** & Rodgers, J. L. (Apr 2016). Multivariate Biometrical Study of the Link between SES and Health Outcomes. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
4. **Garrison, S. M.** & Rodgers, J. L. (Apr 2015). Smarter girls *really don't* delay sex: An extended discordant siblings model. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
3. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (Apr 2014). Influence of adolescent intelligence and conscientiousness on health at midlife. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
2. Hadd, A. R., **Garrison, S. M.**, & Rodgers, J. L. (Apr 2014). The relationship between maternal IQ and home environment. Talk given at Quantitative Methods Colloquium, Vanderbilt University.
1. **Garrison, S. M.** & Strube, M. J. (Apr 2013). Domestic dissatisfaction: Gender differences in a multilevel model of marital satisfaction. Poster presented at Annual Psychology Honors Symposium, Washington University in St. Louis. Also, presented at Annual Undergraduate Research Symposium.

### SELECT ABSTRACTS

2. **Garrison, S. M.** & Rodgers, J. L. (2017). Decomposing the Causes of the Socioeconomic Status-Health Gradient with Biometrical Modeling. *Multivariate Behavioral Research*, 52(1), 118-119. [osf.io/xbkja/](https://osf.io/xbkja/)
1. **Garrison, S. M.** (2013). Domestic dissatisfaction or dissatisfaction?: Gender differences in a multilevel model of marital satisfaction using prenuptial marital expectations after 20 years. *Washington University Senior Honors Thesis Abstracts*. 5, 166

## SELECT PROJECTS UNDER REVIEW & IN PREPARATION

### Manuscripts

8. **Garrison, S. M.** & Rodgers, J. L. (Revise and Resubmit). Fitting Problems: Evaluating Model Fit in Behavior Genetic Models. *Behavior Genetics*
7. Holtzman, N., Steirn, J., Smallwood, S., **Garrison, S. M.**, & Gesselman, A. (in revision) Individual Difference Correlates of Being Sexually Unrestricted Yet Declining an HIV Test. Target: *TBD*
6. **Garrison, S. M.**, Robertson, H\*, & Rodgers, J. L.. (in revision) Using genetically-informed designs to test causal claims without experiments: Discordant-Sibling designs and applications. [osf.io/zpdwt/](https://osf.io/zpdwt/) Target: *PID*
5. Hunter, M., **Garrison, S. M.**, Beasley W., O'Keefe, P., Bard, D., & Rodgers, J. L. (full manuscript). Five ways to analyze 50,000 pairs of related persons in the National Longitudinal Survey of Youth. Target: *Psych Methods*
4. Trattner, J.\* & **Garrison, S. M.** (full manuscript). Introduction to Discord: An R package to manage, model, and simulation kinship based designs. Target: *JOSS*
3. Sims, E.†, Trattner, J.\* & **Garrison, S. M.** (in prep). Examining the relationship between depression and delinquency. Target: *Behavior Genetics*
2. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (in prep). As time goes by: Personality predicts the timing of divorce over 45 years. Target: *JPSP*
1. DeMeo, N., McCabe, K. O., ... **Garrison, S. M.**.... (in prep) Diversity and Inclusion in Big Five Conceptualization and Measurement. Target: *TBD*

## TEACHING

Modality: \*Blended\* †Online†

### Instructor

|  |  |
|--|--|
| Methods in Psychological Research (310). Wake Forest University  | Spring 2022  |
| Data Science for Psychologists in R (703). Wake Forest University<br><a href="https://datascience4psych.github.io/DataScience4Psych">datascience4psych.github.io/DataScience4Psych</a> | Spring 2021*; Spring 2022                          |
| Psychological Testing (362). Wake Forest University<br><a href="https://r-computing-lab.github.io/psychtesting">r-computing-lab.github.io/psychtesting</a>                             | Spring 2020; * Spring 2021†                        |
| Personality (255). Wake Forest University<br><a href="https://smasongarrison.github.io/personality">smasongarrison.github.io/personality</a>   | Fall 2019; Spring 2020; * Fall 2020x2*†; Fall 2021 |
| Introduction to Statistical Analysis (2110). Vanderbilt University   | Fall 2018  |
| Lying with Statistics. Vanderbilt Summer Academy   | Summer 2017  |
| Introduction to Applied Statistics. Vanderbilt Summer Academy  | Summer 2016  |

### Laboratory Instructor

|   |             |
|---|-------------|
| Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt | Spring 2014 |
| Introduction to Statistical Analysis. Prof. James H. Steiger, Vanderbilt  | Fall 2013   |

### Teaching Assistant

|   |             |
|---|-------------|
| Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt | Spring 2014 |
| Introduction to Statistical Analysis. Prof. James H. Steiger, Vanderbilt  | Fall 2013   |
| Introduction to Social Psychology. Prof. Michael J. Strube, WUSTL         | Fall 2012   |

### Disability Support

|   |             |
|---|-------------|
| Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt | Spring 2018 |
| Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt | Spring 2015 |
| Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt | Spring 2014 |

### Select Guest Lectures

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|--|------------|
| Using Mplus to Estimate Heritability. Behavior Genetics Workshop, Vanderbilt | July 2017  |
| Personality and the Lifespan. Social & Personality Development, Vanderbilt   | April 2017 |



## SELECT EXPERIENCE

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### Academic

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|--|---------------------|
| User and Statistical Support, NLSY79 Kinship Links. Rodgers Lab, Vanderbilt  | Feb 2014 - Jul 2019 |
| Graduate Researcher. Rodgers Lab, Vanderbilt                                 | Jul 2013 - Jul 2019 |
| Research Affiliate. Jackson Personality Measurement & Development Lab, WUSTL | Jul 2013 - Jul 2019 |
| Visiting Graduate Researcher. Biesanz Social Accuracy Laboratory, UBC        | Jul 2015 - Dec 2015 |
| Research Assistant. Jackson Personality Measurement & Development Lab, WUSTL | Aug 2012 - Jul 2013 |
| Research Assistant. Strube Social Behavior Lab, WUSTL                        | Jan 2012 - Oct 2012 |

### Field Work

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|---|---------------------|
| Visiting Researcher. Bentley Historical Library, U. of Michigan         | Jul 2014            |
| Visiting Researcher. Institute for Quantitative Social Science, Harvard | Jan 2013            |
| Intern, Constituent Services. Senator Arlen Specter, Philadelphia, PA   | Jun 2007 - Aug 2007 |

## SERVICE

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### Global & National

|   |                      |
|---|----------------------|
| Diversity and Inclusion Task Force, Behavior Genetics Association                                       | Jun 2021 - Present   |
| Planning Committee Member, Quantitative Psychology Awareness Working Group.                             | Sept 2020 - Present  |
| <a href="#">Volunteer. Folding@home</a> : Distributed computing project for simulating protein dynamics | March 2020 - Present |
| Invited Panelist, Interdisciplinary Collaborations. NSF Quant. Research Methods Scholars. U. Maryland.  | Aug 2021             |
| Member, Methodology and Data Analysis Committee. Psychological Science Accelerator                      | Sept 2017 - Jun 2021 |
| Member, Statistics without Borders  | Dec 2016 - Oct 2020  |
| Mentor Lunch. ARP Biannual Meeting  | Jun 2019             |
| Peer-Advisor. SPSP Annual Meeting   | Feb 2019             |
| Student Conference Organizer. SMEP 2017 Meeting   | Jun 2017 - Jun 2018  |
| Email Support, On-Site. Div 5, Teaching Statistics Conference   | Mar 2017             |
| Volunteer, On-Site. SPSP Annual Meeting   | Jan 2016             |
| Volunteer, Conference Transportation. SMEP 2014 Meeting   | Oct 2014             |

### University & Department

|   |                     |
|---|---------------------|
| Co-Organizer, Seminar in Analysis and Measurement (SAM), Dept. of Psychology, WFU         | Jul 2020 - Present  |
| Member, Social Media Committee. Dept. of Psychology, WFU                                  | Sep 2019 - Present  |
| Member, Job Search Instructions Working Group. Dept. of Psychology, WFU                   | May 2020            |
| Co-Leader, Moving Forward: Listening Session on Climate and DEI, Dept. of Psychology, WFU | Nov 2019            |
| Panelist, Path to Graduate School Panel. Dept. of Psychology, UBC                         | Sep 2015            |
| Panelist, Doctoral Application Advice. Dept. of Psychology & Human Dev., Vanderbilt       | Apr 2014; Mar 2015  |
| Panelist, Graduate Application Advice. Psychological Sciences Honors Program, Vanderbilt  | Sep 2014            |
| Panelist, Graduate School Admissions. <i>Psi Chi</i> , Vanderbilt                         | Sep 2013            |
| President, Undergraduate Economics Association. Dept. of Economics, WUSTL                 | May 2011 - Dec 2011 |
| Treasurer, Undergraduate Economics Association. Dept. of Economics, WUSTL                 | May 2010 - May 2011 |
| Marketing Executive, Undergraduate Economics Association. Dept. of Economics, WUSTL       | Aug 2009 - May 2010 |

### Editorial Boards

|   |                     |
|---|---------------------|
| Graduate Advisor (General Statistics), Undergraduate Journal of Psychology, UBC | Sep 2015 - May 2018 |
| Graduate Advisor (Health Psychology), Undergraduate Journal of Psychology, UBC  | Sep 2015 - May 2018 |

### Ad Hoc Reviewer



|               |   |
|---------------|---|
| Awards/Grants | APA Div 44 Trans Research Award · APSSC Student Research Award · APSSC Student Grant Competition · National Science Foundation Graduate Research Fellowship Program · SPSP Graduate Student Poster Award · <i>SPSP Graduate Student Travel Award</i>  |
| Conferences   | AERA Annual Meeting SIG-Cognition and Assessment · AERA Annual Meeting SIG-Test Validity Research and Evaluation · SPSP Annual Meeting Undergraduate Posters · <i>SPSP Annual Meeting Single Presentation</i> · <i>SPSP Annual Meeting Symposia</i>   |
| Journals      | Behavior Genetics<br>Canadian Journal of Behavioural Sciences<br>European Journal of Personality<br>Group Processes & Intergroup Relations<br>Intelligence<br>Journal of Family Issues<br>Journal of Family Psychology<br><i>Journal of Open Psychology Data</i><br>Journal of Personality Assessment<br>The R Journal<br>Journal of Research in Personality<br>Structural Equation Modeling: A Multidisciplinary Journal<br>Psicologia: Reflexão e Crítica<br>Psychometrika<br>Translational Issues in Psychological Science |

## COMMITTEES

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### Master's Thesis Advisor

1. Hwang, Yoo Ri (2020-Present)

### Master's Thesis Committee Member

3. Slipetz, Lindley (May 2021), *The Robustness of Ebic Glasso to Distributional Misspecification*. Wake Forest
2. Yi, Ye Dam (Apr 2021), *An Investigation of The Emotion Account of Self-Other Differences in Decisions Under Risk*. Wake Forest
1. Demaske, Alana (Jul 2020), *Personal Growth Initiative, Need Satisfaction, and Subjective Well Being: Testing a Process Model*. Wake Forest

### Major Area Paper Committee Member

3. Yi, Ye Dam (Oct 2020), *Feeling for Another: The Role of Emotions on Self-Other Differences in Risk-Involving Decisions*. Wake Forest
2. Slipetz, Lindley (Sep 2020), *The Structure of Depression Symptomatology: A Comparison of Factor and Network Analyses*. Wake Forest
1. Demaske, Alana (Oct 2019), *Examining the construct validity and functional utility of personal growth initiative in a war-affected Sri Lankan sample*. Wake Forest

## Undergraduate Honors Thesis Advisor

1. Good, Rachel (2021-Present), *Liquor Legacies: The impact of parental psychopathology and young adult depression on alcohol use*. Wake Forest

## Undergraduate Honors Thesis Committee Member

3. Qian, Tom (Apr 2016), *Appraisal Structure Universality*. Vanderbilt
2. Sparks, Sloane (Apr 2014), *Gender Differences in Emotional Intelligence: Positive Emotions & Appraisal Theory*. Vanderbilt
1. Fuller, Lydia (Apr 2014), *GED Student Achievement Trajectories and Predictors: Using the Latent Class Growth Model to Understand Heterogeneous Learning Patterns*. Vanderbilt

## OUTREACH

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### Administration

|  |                    |
|--|--------------------|
| Moderator. <a href="#">AcademicPsychology</a> , <a href="#">Reddit.com</a> | Mar 2019 - Present |
| Limited Moderator. <a href="#">Science</a> , <a href="#">Reddit.com</a>    | May 2015 - Present |
| Moderator. <a href="#">GradAdmissions</a> , <a href="#">Reddit.com</a>     | Jan 2015 - Present |
| Limited Moderator. <a href="#">AskScience</a> , <a href="#">Reddit.com</a> | Sep 2014 - Present |

### Ongoing Engagement

|   |                     |
|---|---------------------|
| Member, <a href="#">Heterodox Academy</a>   | Aug 2020 - Present  |
| Data Doctor, <a href="#">WikiTree</a>   | Apr 2018 - Present  |
| Member, Union of Concerned Scientists   | Jan 2017 - Present  |
| Science Verified User. <a href="#">Science</a> , <a href="#">Reddit.com</a>                             | May 2015 - Present  |
| Science Panelist, Quantitative Psychology. <a href="#">AskScience</a> , <a href="#">Reddit.com</a>      | Dec 2013 - Present  |
| Science Panelist, Individual Differences. <a href="#">AskSocialScience</a> , <a href="#">Reddit.com</a> | Dec 2013 - Present  |
| Member, Women in Science & Engineering. School of Medicine, Vanderbilt                                  | Dec 2013 - Jun 2019 |
| Member, Peabody Queeries (Q.Ed). Peabody College, Vanderbilt  | Aug 2013 - Jun 2019 |

### Participation

|   |                    |
|---|--------------------|
| Panelist, Quantitative Psychology Info. Session. Quant. Psych. Awareness Working Group.                       | Oct 2020; Oct 2021 |
| Panelist, Science AMA: Graduate School. <a href="#">AskScience</a> , <a href="#">Reddit.com</a>               | Oct 2015           |
| Volunteer, Genome BC. Community Science Celebration, Science World  | Sep 2015           |
| Panelist, Expert AMA: Psychology & Social Work. <a href="#">AskSocialScience</a> , <a href="#">Reddit.com</a> | Apr 2014           |

## PARTICULAR SKILLS

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|                       |  |
|-----------------------|--|
| Select Certifications | Microsoft Office Access Specialist • Microsoft Office Excel Specialist   |
| Select Coding         | AHK • HTML • $\text{\LaTeX}$ • Lua • Python • R • SQL  |
| Languages             | English • Latin  |
| Very Select Software  | Adobe Creative Cloud (e.g., Premiere) • BUGS/JAGS • Git • LISREL • Mplus • OBS • Qualtrics • R • SAS • SPSS/PSPP • Tableau |

**REFERENCES**

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**Joseph L. Rodgers, Ph.D**

Lois Autrey Betts Professor *Emeritus*  
Department of Psychology & Human Development  
Vanderbilt University, Peabody College

**Lewis R. Goldberg, Ph.D**

Professor *Emeritus*  
Department of Psychology  
University of Oregon

**Joshua J. Jackson, Ph.D**

Saul and Louise Rosenzweig Associate Professor  
Department of Psychology  
Washington University in St. Louis

**Kristopher J. Preacher, Ph.D**

Professor  
Department of Psychology & Human Development  
Vanderbilt University, Peabody College

**Jeremy C. Biesanz, Ph.D**

Associate Professor  
Department of Psychology  
The University of British Columbia