

S_(ARAH) MASON GARRISON

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EDUCATION

Vanderbilt University, Peabody College

Ph.D Program in Psychological Sciences – Quantitative Methods 2019

Certificates in College Teaching; Experimental Education (in progress)

Advisor: Joseph L. Rodgers

M.S. in Psychological Sciences

Dec 2016

Decomposing the Causes of the SES-Health Gradient with Biometrical Modeling

Thesis Committee: Joseph L. Rodgers, Kristopher J. Preacher, & Carolyn J. Heinrich

University of British Columbia

Visiting International Researcher & Quinn Exchange Fellow

Summer/Winter 2015

Department of Psychology

Sponsor: Jeremy C. Biesanz & Anita DeLongis

University of Michigan, Ann Arbor

Summer Scholar

Summer 2014

Interuniversity Consortium for Political and Social Research

Washington University in St. Louis

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

May 2013

INTERESTS

Archival Data · Differential Epidemiology · Dyad Modeling · Health · Intelligence · Kinship-Based Designs · Personality

ADMINISTRATION

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

PUBLICATIONS

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](https://doi.org/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](https://doi.org/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](https://doi.org/10.1177/0956797614561800)

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 Award (\$2,000)	2014; 2016
SPSP Diversity Fund Graduate Travel Award	2015
SPSP Graduate Travel Award <i>Declined</i>	2015
Peabody Dean's Fellowship (\$10,000)	2013; 2015
UBC Quinn Exchange Fellowship (C\$3,000)	2015
Tennessee Psychological Association, 3 rd Place Undergraduate Poster Competition	2014
ICPSR Jerome M. Clubb Scholarship (\$4,000)	2014
Peabody Dean's Summer Scholarship (\$5,334)	2013; 2014
Robert Hogan Family Foundation Travel Grant (\$1,200)	2013
Hayek Fund for Future Scholars	2013
WUStL Latin Honors	2013
<i>Sigma Xi</i> Science Honors Society	2013

SOFTWARE AND ABSTRACTS

3. **Garrison, S. M.** & Rodgers, J. L. (in press). Decomposing the Causes of the SES-Health Gradient with Biometrical Modeling. [Abstract] *Multivariate Behavioral Research*.
2. Beasley, W., Rodgers, J. L., Bard, D., Hunter, M., **Garrison, S. M.**, & Meredith, K. (2015). NlsyLinks: Utilities and kinship information for research with the NLSY R package <https://cran.r-project.org/web/packages/NlsyLinks>
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. [Abstract] *Washington University Senior Honors Thesis Abstracts*. 5, 166

WORKING PAPERS

Full Manuscripts

4. **Garrison, S. M.** & Rodgers, J. L.. (invited submission) Using siblings to test causal claims: Do individual differences explain the SES-health gradient? *European Journal of Personality*
3. **Garrison, S. M.** & Rodgers, J. L.. (in prep) Multivariate Biometrical Study of the Link between SES and Health Outcomes.
2. Schultz, L., Connolly, J. J., **Garrison, S. M.**, Jackson, J. J. (under revision). Vocational interests across 20 years of adulthood: Stability, change, and the role of work experiences.
1. Zhu, J. Y., **Garrison, S. M.**, Hunter, M., Rodgers, J. L., & Zald, D. H. (under revision). Shaping perseverance: Evidence of shared environmental effects on grit and a task-based measure of persistence.

PRESENTATIONS

Conference

26. **Garrison, S. M.** & Rodgers, J. L. (Jan 2017). Making Causal Claims without Experiments: Advances in Discordant Sibling Designs with the SES-health Gradient. Poster to be presented at the 2017 SPSP Annual Convention in San Antonio, TX. Also, to be presented at the 5th Annual Lifespan Social-Personality Preconference, San Antonio, TX.
25. **Garrison, S. M.** & Rodgers, J. L. (October 2016). Decomposing the Causes of the SES-Health Gradient with Biometrical Modeling. Poster presented at the 14th Annual Society of Multivariate Experimental Psychology (SMEP) Graduate Student Conference in Richmond, VA.
24. **Garrison, S. M.** & Rodgers, J. L. (September 2016). Advances in discordant sibling designs from the NLSY, illustrated with SES and health. Talk given at the Developmental Methods 3rd Annual Conference in Whitefish, MT.

23. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (January 2016). When does personality influence the timing of divorce?: A dyadic Aalen regression of peer-rated personality over 45 years. Poster presented at the 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA. Also, presented at the 4th Annual Lifespan Social-Personality Preconference, San Diego, CA.
22. Zhu, J. Y., **Garrison, S. M.**, Rodgers, J. L. & Zald, D. H. (January 2016). Shaping Perseverance: Evidence of shared environmental effects on Grit and a task-based measure of persistence. Poster presented at the 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
21. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (January 2016). Longevity findings from the KCLS. Flash talk given at the Annual Social Personality Health Preconference, San Diego, CA.
20. Rodgers, J. L. & **Garrison, S. M.** (September 2015). Do intelligent girls delay age at first intercourse?: Different results within-families versus between-families. Talk given at the International Society for Intelligence Research Annual Conference in Albuquerque, NM.
19. **Garrison, S. M.** & Rodgers, J. L. (June 2015). Additive effects of maternal conscientiousness and general ability on infant health: Cause or Confound? Poster presented at the 2015 Association for Research in Personality Conference, St. Louis, MO.
18. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (February 2015). Impact of adolescent conscientiousness and intelligence on health at middle age: A sibling comparison approach. Poster presented at the 16th Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA. Also, presented at the 3rd Annual Lifespan Social-Personality Preconference, Long Beach, CA.
17. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (February 2015). Using multiple perspectives to inform the association between personality and important life outcomes. Talk given at the 16th Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.
16. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (February 2015). Agreeableness-Stress interactions explored: Within couple differences partially moderate the relationship between stress and divorce. Poster presented at the 3rd Annual Lifespan Social-Personality Preconference, Long Beach, CA.
15. Romick, K.,* **Garrison, S. M.**, & Rodgers, J. L. (November 2014). Early book ownership: Catalyst for future reading enjoyment and achievement. Poster presented at the 2014 Tennessee Psychological Association Annual Convention, Nashville, TN. *Poster awarded 3rd place in Undergraduate Poster Competition*
14. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (October 2014). The downstream health consequences of individual differences: Evidence from a kinship modeling perspective. Poster presented at the 2014 Tennessee Psychological Association Annual Convention, Nashville, TN.
13. Connolly, J. J., Leveille, M., **Garrison, S. M.**, & Jackson, J. J. (October 2014). Relief, regret, resilience: The long-term psychological effects of getting divorced. Paper presented at the 28th Annual Convention of the Connecticut Psychological Association, Haddam, CT.
12. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (July 2014). Your friends know when you will divorce: A dyadic Cox regression of peer-rated personality. Poster presented at the 17th Annual Meeting of the European Conference on Personality, Lausanne, Switzerland.
11. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (July 2014). Personality trait change in adulthood predicts health status in older adulthood. Talk given at the 17th Annual Meeting of the European Conference on Personality, Lausanne, Switzerland.
10. Rodgers, J. L., **Garrison, S. M.**, & Hadd, A. R. (June 2014). Intelligence and Fertility in the NLSY79 Respondents: Children of Siblings and Biometrical Models. Paper presented at the 2014 Behavior Genetics Association, Charlottesville, VA.
9. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (February 2014). Peer-rated personality traits influence relationship duration and dissolution. Poster presented at the 15th Annual Meeting of the Society for Personality and Social Psychology, Austin, TX. Also, presented at the 2nd Annual Lifespan Social-Personality Preconference, Austin, TX.

8. Jackson, J. J., **Garrison, S. M.**, Connolly, J. J., & Leveille, M. (February 2014). What your friends know that you don't: Friend rated personality predicts longevity 70 years later. Talk given at the 15th Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

denotes undergraduate student co-author

Departmental

7. **Garrison, S. M.** & Rodgers, J. L. (April 2016). Multivariate Biometrical Study of the Link between SES and Health Outcomes. Talk given at the Quantitative Methods Colloquium, Department of Psychology & Human Development, Vanderbilt University, Nashville, TN.
6. **Garrison, S. M.** (February 2016) Who you marry matters: Partner traits influence your own mortality. Talk given at the Health Psychology Area Workshop, Department of Psychology, University of British Columbia, Vancouver, BC.
5. **Garrison, S. M.** (November 2015) Who you marry matters: Partner characteristics influence your own longevity and other important outcomes. Talk given at the Junior Fellows Speaker Series, St. John's College, University of British Columbia, Vancouver, BC.
4. **Garrison, S. M.** & Rodgers, J. L. (April 2015). Smarter girls *really don't* delay sex: An extended discordant siblings model. Talk given at the Quantitative Methods Colloquium, Department of Psychology & Human Development, Vanderbilt University, Nashville, TN.
3. **Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (April 2014). Influence of adolescent intelligence and conscientiousness on health outcomes at middle age. Talk given at the Quantitative Methods Colloquium, Department of Psychology & Human Development, Vanderbilt University, Nashville, TN.
2. Hadd, A. R., **Garrison, S. M.**, & Rodgers, J. L. (April 2014). The relationship between maternal IQ and home environment. Talk given at the Quantitative Methods Colloquium, Department of Psychology & Human Development, Vanderbilt University, Nashville, TN.
1. **Garrison, S. M.** & Strube, M. J. (April 2013). Domestic dissatisfaction: Gender differences in a multilevel model of marital satisfaction. Poster presented at the Annual Psychology Honors Symposium, WUSTL, St. Louis, MO. Also, presented at the Annual Undergraduate Research Symposium, WUSTL, St. Louis, MO.

TEACHING

Instructor

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 2015

Introduction to Statistical Analysis. Prof. Joseph L. Rodgers, Vanderbilt Spring 2014

EXPERIENCE

Academic

User and Statistical Support, NLSY79 Kinship Links. Rodgers Lab, Vanderbilt Feb 2014; Aug 2014 - Present

Graduate Researcher. Rodgers Lab, Vanderbilt Jul 2013 - Present

Research Affiliate. Jackson Personality Measurement & Development Lab, WUSTL Jul 2013 - Present

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

Visiting Researcher. Bentley Historical Library, U. of Michigan	Jul 2014
Visiting Researcher. Institute for Quantitative Social Science, Harvard	Jan 2013

Consulting*

U. of British Columbia	Sauder School of Business, Paulhus Personality Lab
Cornell U.	Mendle Adolescent Transitions Lab
Georgetown U.	Ryan Lab
Georgia Southern U.	Holtzman Lab
U. of Michigan	Kross Emotion & Self Control Lab
Northwestern U.	Mroczek Lab
Vanderbilt U.	Cho Lab, Leadership, Policy, & Organizations Dept., Needham Infant Learning Lab, Troseth Early Development Lab, Zald Affective Neuroscience Lab
WUSTL	Jackson Personality Measurement & Development Lab, Strube Social Behavior Lab
West Virginia U.	Turiano Personality, Health, & Development Lab
Industry	Feed the Arts, Framewürk, LoveLogica, SkilledUp, ReviewNet

includes faculty, postdocs, and graduate students

SERVICE**International & National**

Member, Statistics without Borders	Dec 2016
Volunteer, On-Site. SPSP Annual Meeting	Jan 2016
Volunteer, Conference Transportation. SMEP Annual Meeting	Oct 2014

Department & University

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 - Present
Graduate Advisor (Health Psychology), Undergraduate Journal of Psychology, UBC	Sep 2015 - Present

Ad Hoc Reviewer

Awards/Grants	APA Division 44 Trans Research Award • APS Student Council Student Research Award • APSSC Student Grant Competition • SPSP Graduate Student Council Student Poster Award
Conferences	AERA Annual Meeting SIG-Cognition and Assessment • AERA Annual Meeting SIG-Test Validity Research and Evaluation • SPSP Annual Meeting Undergraduate Posters
Journals	Canadian Journal of Behavioural Sciences • Intelligence • Journal of Family Issues • Journal of Research in Personality • Translational Issues in Psychological Science

COMMITTEES

Undergraduate Honors Theses Committees

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

OUTREACH

Administration

Limited Moderator. Science , Reddit.com	May 2015 - Present
Moderator. GradAdmissions , Reddit.com	Jan 2015 - Present
Limited Moderator. AskScience , Reddit.com	Sep 2014 - Present

Participation

Panelist, Science AMA: Graduate School. AskScience , Reddit.com	Oct 2015
Volunteer, Genome BC. Community Science Celebration, Science World	Sep 2015
Science Verified User. Science , Reddit.com	May 2015 - Present
Panelist, Expert AMA: Psychology & Social Work. AskSocialScience , Reddit.com	Apr 2014
Science Panelist, Quantitative Psychology. AskScience , Reddit.com	Dec 2013 - Present
Science Panelist, Individual Differences. AskSocialScience , Reddit.com	Dec 2013 - Present
Member, Women in Science & Engineering. School of Medicine, Vanderbilt	Dec 2013 - Present
Member, Peabody Queeries (Q.Ed). Peabody College, Vanderbilt	Aug 2013 - Present

Wikiprojects

Psychology Wikiproject	List of Quantitative Psychology Programs
Other Projects	Assessment in Psychology · Disability · Statistics

GRADUATE COURSEWORK

27. Applied Non-Parametric Statistics. Prof. K. Preacher, Vanderbilt	Spring 2017
26. Individual Differences. Prof. D. Lubinski, Vanderbilt	Spring 2017
25. Causal Inference. Prof. G. Henry, Vanderbilt	Fall 2016
24. Clinical Research Methods. Prof. A. Tomarken, Vanderbilt	Fall 2016
23. Practicum in College Teaching. Center for Teaching, Vanderbilt	Fall 2016
22. Factor Analysis. Prof. K. Preacher, Vanderbilt	Spring 2016
21. Seminar in College Teaching. Center for Teaching, Vanderbilt	Spring 2016
20. Health Psychology. Prof. A. DeLongis, U. of British Columbia	Fall 2015
19. Personality Dimensions & Structure. Prof. D. Paulhus, U. of British Columbia	Summer 2015
18. Item Response Theory II. Prof. S.-J. Cho, Vanderbilt	Spring 2015
17. Multilevel Modeling. Prof. K. Preacher, Vanderbilt	Spring 2015
16. Multivariate Statistics. Prof. J. Steiger, Vanderbilt	Spring 2015
15. Cognitive Science to the Classroom. Prof. B. Rittle-Johnson, Vanderbilt	Fall 2014
14. Item Response Theory I. Prof. S.-J. Cho, Vanderbilt	Fall 2014
13. Structural Equation Modeling. Prof. D. Cole, Vanderbilt	Fall 2014

12. Applied Bayesian Modeling. Profs. R. Bakker & J. Karreth, U. of Michigan	Summer 2014
11. Behavior Genetics. Prof. J. Rodgers, Vanderbilt	Summer 2014
10. Exploratory & Graphical Data Analysis. Prof. J. Rodgers, Vanderbilt	Spring 2014
9. Psychological Measurement. Prof. D. Lubinski, Vanderbilt	Spring 2014
8. Quantitative Methods & Experimental Design. Prof. A. Tomarken, Vanderbilt	Spring 2014
7. Correlation & Regression. Prof. J. Rodgers, Vanderbilt	Fall 2013
6. Gifted Learner: Characteristics & Assessment. Prof. T. Stambaugh, Vanderbilt	Fall 2013
5. First Year Research Seminar: Ethics & Grant Writing. Profs. D. Levin & R. Marois, Vanderbilt	Fall 2013
4. Statistical Inference. Prof. J. Steiger, Vanderbilt	Fall 2013
3. Quantitative Methods II. Prof. J. Jackson, WUSTL	Spring 2013
2. Quantitative Methods I. Prof. J. Jackson, WUSTL	Fall 2012
1. History and Modern Systems of Psychology. Prof. H. Roediger III, WUSTL	Spring 2012

SKILLS

Certifications	Microsoft Office Access Specialist · Microsoft Office Excel Specialist
Coding	HTML · \LaTeX · Lua · Markdown · Python · R
Languages	English · Latin
Select Software	BUGS/JAGS · CEFA · Git · LISREL · Mechanical Turk · <i>Mplus</i> · R · SAS · SPSS
Select Statistics	Bayesian Methods · Behavioral Genetics/Biometrical Modeling · Item Response Theory · Monte Carlo Simulations · Multilevel Modeling · Robust Methods · Quasi-Experimental Designs · Structure Equation Modeling · Survival Analysis

REFERENCES

Joseph L. Rodgers, Ph.D

Lois Autrey Betts Professor
Quantitative Methods Area Head
Department of Psychology & Human Development
Vanderbilt University, Peabody College

Joshua J. Jackson, Ph.D

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

Jeremy C. Biesanz, Ph.D

Associate Professor
Department of Psychology
The University of British Columbia

Lewis R. Goldberg, Ph.D

Professor *Emeritus*
Department of Psychology
University of Oregon