

S_(ARAH) MASON GARRISON

Hobbs Building, Room 203 | Vanderbilt University, Peabody College
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EDUCATION

Vanderbilt University, Peabody College

Ph.D Program in Psychological Sciences — Quantitative Methods ≈ 2018

Certificates in College Teaching; Experimental Education (in progress)

Advisor: Joseph L. Rodgers

M.S. in Psychological Sciences ≈ 2016

Masters Thesis: Multivariate Biometrical Study of the Link between SES and Health Outcomes

Thesis Committee: Joseph L. Rodgers & Kristopher J. Preacher

University of British Columbia

Visiting International Researcher & Quinn Exchange Fellow Summer/Winter 2015

Department of Psychology

Sponsor: Jeremy C. Biesanz

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

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

SOFTWARE

1. 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>

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

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| SMEP Workshop Travel Award (\$2,000) | 2014; 2016 |
| SPSP Diversity Fund Graduate Travel Award | 2015 |
| SPSP Graduate Travel Award <i>Declined</i> | 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 |

WORKING PAPERS

Full Manuscripts

8. **Garrison, S. M.** & Rodgers, J. L. (revision submitted). Is the Link Between Intelligence and Age at First Intercourse Causal or Correlational? A Cross-Generational Sibling Comparison Design Using the NLSY.
7. 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.
6. 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.

Partial Manuscripts

5. Stephenson, E., **Garrison, S. M.**, Lam, M., Biesanz, J., & DeLongis, A. (in prep). Mediation in Multivariate Dyadic Survival Analysis: Findings from the Alameda Study.
4. **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.
3. **Garrison, S. M.** & Rodgers, J. L. (in prep). Differential Epidemiology: Within-family evidence that intelligence and persistence influence health.
2. **Garrison, S. M.** & Rodgers, J. L. (in prep) Multivariate Biometrical Study of the Link between SES and Health Outcomes.
1. **Garrison, S. M.** & Jackson, J. J. (in prep). Archival Revival: The Recovery and Validation of the KPRS.

PRESENTATIONS

Conference

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

Introduction to Applied Statistics. Vanderbilt Summer Academy

Summer 2016

Laboratory Instructor

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

Spring 2014

Lecture Topics: Excel Tutorials, Graphical Data Analysis, Hypothesis Testing, Probability Distributions, Scale Development, Statistical Literacy, Z-Scores

Introduction to Statistical Analysis. Prof. James H. Steiger, Vanderbilt

Fall 2013

Lecture Topics: Power and Effect Size, R Tutorials

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*

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| 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**National**

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| Volunteer, On-Site. SPSP Annual Meeting | Jan 2016 |
| Volunteer, Conference Transportation. SMEP Annual Meeting | Oct 2014 |

Department & University

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| 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

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|---|--------------------|
| 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

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| Awards/Grants | 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 · <i>Developmental Methods Biannual Meeting TBD</i> · SPSP Annual Meeting Undergraduate Posters |
| Journals | <i>Canadian Journal of Behavioural Sciences</i> · 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

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

Participation

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| 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

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

GRADUATE COURSEWORK

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|---|-------------|
| 24. Applied Epidemiologic Methods: Binary Data. Prof. A. Beeghly-Fadiel, Vanderbilt | Fall 2016 |
| 23. Causal Inference. Prof. G. Henry, 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 |

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| 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

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| 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