

S_(ARAH) MASON GARRISON

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EDUCATION

Vanderbilt University, Peabody College

Ph.D Program in Psychological Sciences — Quantitative Methods

≈ 2018

Certificate: Experimental Education (in progress)

Advisor: Joseph L. Rodgers

M.S. in Psychological Sciences

≈ 2016

Masters Thesis: Extensions of discordant kinship models.

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

University of British Columbia

Fall 2015

Visiting International Researcher & Quinn Exchange Fellow

Department of Psychology

Sponsor: Jeremy C. Biesanz

University of Michigan, Ann Arbor

Summer 2014

Summer Scholar at the Interuniversity Consortium for Political and Social Research

Washington University in St. Louis

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

May 2013

Honors Thesis: Gender differences in a multilevel model of marital satisfaction after 20 years.

Thesis Advisor: Michael J. Strube

INTERESTS

Archival Data · Differential Epidemiology · Dyad Modeling · 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

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)

SELECT AWARDS & HONORS

National Science Foundation Graduate Research Fellowship (\$138,000)	2015 - 2020
Vanderbilt Graduate Honor Fellowship (\$50,000)	2013 - 2018
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
SMEP Workshop Travel Award (\$1,000)	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

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 version 1.404 <http://liveoak.github.io/NlsyLinks>

PRESENTATIONS

Conference

21. **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 to be presented at the 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA. Also, to be presented at the 4th Annual Lifespan Social-Personality Preconference, San Diego, CA.
20. 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 to be presented at the 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
19. 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.
18. **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.
17. **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.
16. 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.
15. **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.
14. 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*
13. **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.
12. 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.
11. **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.
10. 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.
9. 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.

8. **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.
7. 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.

Departmental

6. **Garrison, S. M.**, Connolly, J. J., Leveille, M., Biesanz, J. & Jackson, J. J., (February 2016) Personality, Intelligence, and Mortality. Talk to be given at the Health Psychology Area Workshop, Department of Psychology, University of British Columbia, Vancouver, BC.
5. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (November 2015) Personality and the Timing of Divorce. Talk to be 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.

WORKING PAPERS

4. 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. (Revise-Resubmit). The NLSY Kinship Links: Using the NLSY79 and NLSY-Children Data to Conduct Genetically-Informed and Family-Oriented Research. *Behavior Genetics*.
3. **Garrison, S. M.**, Connolly, J. J., Leveille, M., Kelly, E. L., & Jackson, J. J. (in prep). As time goes by: Personality predicts the timing of divorce over 45 years.
2. **Garrison, S. M.** & Rodgers, J. L. (in prep). Intelligence and Age at First Intercourse: Cause or Confound?
1. Stephenson, E., **Garrison, S. M.**, Lam, M., Biesanz, J., & DeLongis, A. (in prep). Mediation in Multivariate Dyadic Survival Analysis: Findings from the Alameda Study.

TEACHING

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

Visiting Graduate Researcher. Biesanz Social Accuracy Laboratory, UBC	Jul 2015 - Present
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
Research Assistant. Jackson Personality Measurement & Development Lab, WUSTL	Aug 2012 - Jul 2013
Research Assistant. Strube Social Behavior Lab, WUSTL	Jan 2012 - Oct 2012

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
Vanderbilt U.	Leadership, Policy, & Organizations Dept., Needham Infant Learning 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

Field Work

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

SERVICE

National

Volunteer, On-Site. SPSP Annual Meeting	Jan 2016
Reviewer, SPSP Program Committee (Undergrad) Poster Review Panel	Sep 2015
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	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	Journal of Family Issues • Journal of Research in Personality • Translational Issues in Psychological Science

COMMITTEES**Undergraduate Honors Theses Committees**

Sloane Sparks (Apr 2014), <i>Gender Differences in Emotional Intelligence: Positive Emotions and Appraisal Theory</i> .
Lydia Fuller (Apr 2014), <i>GED Student Achievement Trajectories and Predictors: Using the Latent Class Growth Model to Understand Heterogeneous Learning Patterns</i> .

OUTREACH

Volunteer, Genome BC. Community Science Celebration, Science World	Sep 2015
Limited Moderator. Science , Reddit.com	May 2015 - Present
Science Verified User. Science , Reddit.com	May 2015 - Present
Moderator. GradAdmissions , Reddit.com	Jan 2015 - Present
Contributor. Psychology Wikiproject, List of Quantitative Psychology Programs , wikipedia.org	Dec 2014 - Present
Limited Moderator. AskScience , Reddit.com	Sep 2014 - Present
Psychology 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

GRADUATE COURSEWORK

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

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| 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 • Git • LISREL • Mechanical Turk • <i>Mplus</i> • R • SAS • SPSS
Statistics	Bayesian Methods • Behavioral Genetics/Biometrical Modeling • Classical Test Theory • Dyad Modeling • Experimental Designs • Exploratory Data Analysis • Factor Analysis • Generalized Linear Modeling • Item Response Theory • Monte Carlo Simulations • Multilevel Modeling • Robust Methods • Quasi-Experimental Designs • Structure Equation Modeling • Survival Analysis

SELECT MEMBERSHIPS

American Psychological Association (APA)	Association for Psychological Science (APS)
• Div 5: Evaluation, Measurement, and Statistics	Association for Research in Personality (ARP)
• Div 8: Personality and Social Psychology	Society for Personality and Social Psychology (SPSP)

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 Assistant 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 <i>Emeritus</i> Department of Psychology University of Oregon