

# S<sub>(ARAH)</sub> MASON GARRISON

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## EDUCATION

### Vanderbilt University, Peabody College

≈ 2018

Ph.D Program in Quantitative Methods

*Certificate: Experimental Education (in progress)*

Advisor: Joseph L. Rodgers

### University of Michigan, Ann Arbor

Summer 2014

Summer Scholar at the Interuniversity Consortium for Political and Social Research

### Washington University in St. Louis, *magna cum laude*

May 2013

A.B in Economics & Psychology

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

Thesis Advisor: Michael J. Strube

## INTERESTS

Differential Epidemiology • Genetically Informed Design • Intelligence • Kinship Modeling • Personality

## AWARDS & HONORS

ICPSR Jerome M. Clubb Scholarship (\$4,000)	2014
Peabody Dean's Summer Scholarship (\$5,334)	2013; 2014
SMEP Workshop Travel Award (\$1,000)	2014
Vanderbilt Graduate Honor Fellowship (\$50,000)	2013 - 2018
Peabody Dean's Fellowship (\$5,000)	2013
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

## ADMINISTRATION

Co-Director. Kelly/Connolly Longitudinal 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. (in press). Your friends know how long you will live: A 75-year study of peer-rated personality traits. *Psychological Science*.  
 Press Coverage: Huffington Post, Medical Daily

## PRESENTATIONS

15. **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 to be presented at the 16th Annual Meeting of the Society for Personality and Social Psychology, Long Beach, California.
14. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (February 2015). The incremental validity of personality's influence on partner longevity. Poster to be presented at the 3rd Annual Lifespan Social-Personality Preconference, Long Beach, California.

13. 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, Tennessee. *Poster awarded 3<sup>rd</sup> place in Undergraduate Poster Competition*
12. **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, Tennessee.
11. 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, Connecticut.
10. **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, University of Lausanne, Switzerland.
9. 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, University of Lausanne, Switzerland.
8. 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, Virginia.
7. **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.
6. 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, Tennessee.
5. **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, Texas.
4. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (February 2014). Peer-rated personality traits influence relationship duration and divorce. Poster presented at the 2nd Annual Lifespan Social-Personality Preconference, Austin, Texas.
3. 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, Texas.
2. **Garrison, S. M.** (April 2013). Domestic dissatisfaction: Gender differences in a multilevel model of marital satisfaction. Poster presented at the Annual Psychology Honors Symposium, Washington University, St. Louis, Missouri.
1. **Garrison, S. M.** (April 2013). Domestic dissatisfaction: Gender differences in a multilevel model of marital satisfaction. Poster presented at the Annual Undergraduate Research Symposium, Washington University, St. Louis, Missouri.

\*denotes undergraduate student co-author\*

## POPULAR PRESS PUBLICATIONS

6. **Garrison, S. M.** (in press). How jealous are you? *LoveLogica*.
5. **Garrison, S. M.** (in press). The Kinsey Scale. *LoveLogica*.
4. **Garrison, S. M.** (in press). How masculine AND feminine are you?: Gender roles and personality. *LoveLogica*.
3. **Garrison, S. M.** (in press). The romantic personality and relationship readiness. *LoveLogica*.
2. **Garrison, S. M.** (in press). Attachment style and relationships. *LoveLogica*.
1. **Garrison, S. M.** (in press). The science behind birds of a feather: Assortative mating on personality. *LoveLogica*.

## PUBLISHED ABSTRACTS

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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.

## CURRENT WORK

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### Working Papers

**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*

**Garrison, S. M.**, Hadd, A. R., & Rodgers, J. L. (in prep). Adolescent conscientiousness and intelligence impact health at midlife: A genetically informed extension of the sibling comparison approach. Target: *MBR*

### Ongoing Analysis

Flynn Effect and age at first intercourse (with Rodgers)

Genetically informed extension of the sibling comparison approach (with Rodgers *et al.*)

Personality's influence on partner health and longevity across multiple cohorts (with Jackson *et al.*)

Timing of personality's influence on mortality (with Turiano *et al.*)

## TEACHING

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### Undergraduate Course 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

### Undergraduate Course 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

## EXPERIENCE

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### Academic

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

Methods Consultant. Turiano Lab, West Virginia Univ. Mar 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

### Industry

Assessment Consultant. SkilledUp Sep 2014

Lead Test Developer. LoveLogica Feb 2014 - Dec 2014

Assessment Consultant. Framewürk Feb 2013; Apr 2014

Data Analysis Consultant. Feed the Arts Jun 2012 - Mar 2013

Assessment Consultant. ReviewNet May 2012 - Jun 2012

### Field Work

Visiting Researcher. Bentley Historical Library, Univ. of Michigan Jul 2014

Visiting Researcher. Institute for Quantitative Social Science, Harvard Jan 2013

**SERVICE**

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**National**

Volunteer, Conference Transportation. SMEP Annual Meeting	Oct 2014
Reviewer, AERA Annual Meeting SIG-Cognition and Assessment	Aug 2014
Reviewer, AERA Annual Meeting SIG-Test Validity Research and Evaluation	Aug 2014
Reviewer, APS Student Council Student Research Award	Mar 2014
Reviewer, SPSP Graduate Student Council Student Poster Award	Nov 2013

**Department & University**

Panelist, Graduate Application Advice. Psychological Sciences Honors Program, Vanderbilt	Sep 2014
Panelist, Doctoral Application Advice. Dept. of Psychology & Human Dev., Vanderbilt	Apr 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

**Ad Hoc Journal Reviewer**

Journal of Family Issues

**COMMITTEES**

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**Undergraduate Honors Theses Committees**

Sloane Sparks (Apr 2014), *Gender Differences in Emotional Intelligence: Positive Emotions and Appraisal Theory*.

Lydia Fuller (Apr 2014), *GED Student Achievement Trajectories and Predictors: Using the Latent Class Growth Model to Understand Heterogeneous Learning Patterns*.

**OUTREACH**

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Limited Moderator. AskScience, Reddit.com	Sep 2014 - Present
Psychology Panelist, Expert AMA: Psychology & Social Work Panel. AskSocialScience	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
Member, Science Cafe. Adventure Science Center, Nashville, TN	May 2013 - Present
Member, Pride Alliance. WUSTL	Aug 2009 - May 2013

**COURSEWORK**

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Item Response Theory II. Prof. S.-J. Cho, Vanderbilt	Spring 2015
Multilevel Modeling. Prof. K. Preacher, Vanderbilt	Spring 2015
Multivariate Statistics. Prof. J. Steiger, Vanderbilt	Spring 2015
Cognitive Science to the Classroom. Prof. B. Rittle-Johnson, Vanderbilt	Fall 2014
Item Response Theory I. Prof. S.-J. Cho, Vanderbilt	Fall 2014
Structural Equation Modeling. Prof. D. Cole, Vanderbilt	Fall 2014
Applied Bayesian Modeling. Profs. R. Bakker & J. Karreth, Univ. of Michigan	Summer 2014
Behavior Genetics. Prof. J. Rodgers, Vanderbilt	Summer 2014
Data Mining. Prof. R. Stine, Univ. of Michigan	Summer 2014
Exploratory & Graphical Data Analysis. Prof. J. Rodgers, Vanderbilt	Spring 2014
Psychological Measurement. Prof. D. Lubinski, Vanderbilt	Spring 2014

Quantitative Methods & Experimental Design. Prof. A. Tomarken, Vanderbilt	Spring 2014
Correlation & Regression. Prof. J. Rodgers, Vanderbilt	Fall 2013
Gifted Learner: Characteristics & Assessment. Prof. T. Stambaugh, Vanderbilt	Fall 2013
First Year Research Seminar: Ethics & Grant Writing. Profs. D. Levin & R. Marois, Vanderbilt	Fall 2013
Statistical Inference. Prof. J. Steiger, Vanderbilt	Fall 2013
Quantitative Methods II. Prof. J. Jackson, WUSTL	Spring 2013
Quantitative Methods I. Prof. J. Jackson, WUSTL	Fall 2012
History and Modern Systems of Psychology. Prof. H. Roediger III, WUSTL	Spring 2012
<i>registered</i>	

## SKILLS

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<b>Certifications</b>	Microsoft Office Access Specialist, Microsoft Office Excel Specialist
<b>Coding</b>	HTML, $\text{\LaTeX}$ , Markdown, Python, R
<b>Languages</b>	English, Latin
<b>Select Software</b>	BUGS/JAGS, Eviews, Git, LISREL, R, REDCap, SAS, SPSS
<b>Statistics</b>	Bayesian Methods, Biometrical Modeling, Classical Test Theory, Dyad Modeling, Exploratory Data Analysis, Factor Analysis, fMRI Modeling, Generalized Linear Modeling, Item Response Theory, Monte Carlo Simulations, Robust Methods, Structure Equation Modeling, Survival Analysis

## MEMBERSHIPS

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American Educational Research Association (AERA)	Association for Psychological Science (APS)
· Div D: Measurement and Research Methodology	Association for Research in Personality (ARP)
· SIG 68: Motivation; SIG 91: Giftedness	Psychometric Society
American Psychological Association (APA)	Society for Personality and Social Psychology (SPSP)
· Div 5: Evaluation, Measurement, and Statistics	
· Div 8: Personality and Social Psychology	

## REFERENCES

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<b>Joseph L. Rodgers, Ph.D</b> Lois Autrey Betts Professor Quantitative Methods Area Head Department of Psychology & Human Development Vanderbilt University, Peabody College	<b>Lewis R. Goldberg, Ph.D</b> Professor <i>Emeritus</i> Department of Psychology University of Oregon
<b>Michael J. Strube, Ph.D</b> Professor Department of Psychology Washington University in St. Louis	<b>Joshua J. Jackson, Ph.D</b> Assistant Professor Department of Psychology Washington University in St. Louis
<b>James J. Connolly, J.D/Ph.D</b> Director of the Kelly/Connolly Longitudinal Study Connolly Consulting	