

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

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## EDUCATION

### Vanderbilt University, Peabody College

*Expected 2017/2018*

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

Are there measures of intelligence that are invariant to noncognitive skills?

Can we develop skill-based personality assessments?

How can we best model kinship data (e.g, siblings, spouses)?

How can we best incorporate Bayesian methods into measurement?

What is the true relationship between intelligence and conscientiousness?

## AWARDS & HONORS

ICPSR Jerome M. Clubb Scholarship (\$4,000)	2014
Peabody Dean's Summer Stipend (\$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

## PRESENTATIONS

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 to be 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 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.

## POPULAR PRESS PUBLICATIONS

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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). Are you ready for romance?: 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.

## ADMINISTRATION

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<b>Kelly/Connolly Longitudinal Study on Personality and Aging</b> , Co-Director.	Dec 2012 - Present
<b>Rodgers Lab (Vanderbilt)</b> , Lab Manager.	Aug 2013 - Present
<b>Social Behavior Lab (WUStL)</b> , Lab Coordinator.	Oct 2012 - Jul 2013

## WORKING PAPERS

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- Jackson, J. J., Connolly, J. J., **Garrison, S. M.**, Leveille, M. M., & Connolly, S. L. (under review). Your friends know how long you will live: A 75-year study of peer-rated personality traits. *Psychological Science*
- 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. (under review). Impact of adolescent conscientiousness and intelligence on health at middle age: A sibling comparison approach. *SPSP*

## ONGOING PROJECTS

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Dyadic biometrical modeling (with Rodgers)  
 Generalizability of the Terman longitudinal study of the gifted  
 Spousal influence on health and longevity across multiple cohorts (with Jackson *et al.*)  
 Timing of personality's influence on mortality (with Turiano *et al.*)  
 Validity of the Kelly Personality Rating Scale (with Jackson *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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<b>Bentley Historical Library (Univ. of Michigan)</b> , Visiting Researcher	Jul 2014
<b>Turiano Lab (West Virginia Univ.)</b> , Methods Consultant	Mar 2014 - Present
<b>LoveLogica</b> , Lead Test Developer	Feb 2014 - Present
<b>Rodgers Lab (Vanderbilt)</b> , NLSY79 Kinship Links Technical Support	Feb 2014
<b>Rodgers Lab (Vanderbilt)</b> , Graduate Researcher	Jul 2013 - Present
<b>Personality Measurement &amp; Development Lab (WUSTL)</b> , Research Affiliate	Jul 2013 - Present
<b>Framewürk</b> , Assessment Consultant	Feb 2013; Apr 2014
<b>Personality Measurement &amp; Development Lab (WUSTL)</b> , Research Assistant	Aug 2012 - Jul 2013
<b>Social Behavior Lab (WUSTL)</b> , Research Assistant	Jan 2012 - Oct 2012
<b>Feed the Arts</b> , Data Analysis Consultant	Jun 2012 - Mar 2013
<b>Institute for Quantitative Social Science (Harvard)</b> , Visiting Researcher	Jan 2013
<b>ReviewNet</b> , Psychometrics Consultant	May 2012 - Jun 2012

## SERVICE

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### Professional

Reviewer, Student Council Student Research Award. APS	Mar 2014
Reviewer, Graduate Student Council Student Poster Award. SPSP	Nov 2013

### University

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 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*.

Currently, a graduate student at Vanderbilt School of Nursing

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

Currently, a consultant at Bain & Company, with deferred admission to Yale Law School

## OUTREACH

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Virtual Mentor. Science Driven Advice and Mentorship, LoveLogica	May 2014 - Present
Psychology Panelist, Expert AMA: Psychology & Social Work Panel. AskSocialScience	Apr 2013
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. 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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Cognitive Science to the Classroom. Prof. B. Rittle-Johnson, Vanderbilt	Fall 2014
Item Response Theory I. Prof. S.-J. Cho, Vanderbilt	Fall 2014
Multilevel Modeling. Prof. K. Preacher, 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
Data Mining. Prof. R. Stine, Univ. of Michigan	Summer 2014
Behavior Genetics. Prof. J. Rodgers, Vanderbilt	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>upcoming</i>	

## DEVELOPMENT

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### Methods & Substance

General and Topical Data Archives. ICPSR Blalock Lecture Series, Univ. of Michigan	Jun 2014
Intro. to Human Behavioral Genetics. Coursera, Univ. of Minnesota	May 2014 - Jun 2014
Big Data and Social Physics. edX, MIT	May 2014
Statistical Analysis of fMRI Data. Coursera, Johns Hopkins	Feb 2014 - Mar 2014
Critical & Creative Thinking Models Across the Content Areas. Gifted Education Institute, Vanderbilt	Dec 2014
Predoctoral Training in Experimental Education Research. Peabody College, Vanderbilt	Jul 2013 - Present
Social Epidemiology. Coursera, Univ. of Minnesota	May 2013 - Jul 2013

## Teaching

Teaching a Course for the First Time. Online Teaching Series, George Mason Univ.	Jul 2014
Flipped or Hybrid Courses. Online Teaching Series, George Mason Univ.	May 2014
How to Enter the Online Teaching Space. Online Teaching Series, George Mason Univ.	Feb 2014
Student Feelings and the Research Assignment. Writing Studio, Vanderbilt	Nov 2013
Using Chance Magazine to Engage Students in Statistics. Quant Methods Workshop, Vanderbilt	Nov 2013
Challenges Teaching Statistics & Methods Courses. Quant Methods Workshop, Vanderbilt	Sep 2013
Incorporating Research and Design into STEM Classes. Center for Teaching, Vanderbilt	Sep 2013
Teaching Assistant Orientation. Center for Teaching, Vanderbilt	Aug 2013
Undergraduate Teaching Assistant and Peer Mentor Training. WUStL	Aug 2012

## SKILLS

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

## MEMBERSHIPS

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	Southeastern Psychological Association (SEPA)
· Div 8: Personality and Social Psychology	

## REFERENCES

<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>Michael J. Strube, Ph.D</b> Professor Department of Psychology Department of Physical Therapy Washington University in St. Louis
<b>James H. Steiger, Ph.D</b> Professor Department of Psychology & Human Development Vanderbilt University, Peabody College	<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	