

S_(ARAH) MASON GARRISON

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EDUCATION

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|---|----------------------|
| Vanderbilt University, Peabody College | <i>Expected 2018</i> |
| Ph.D Program in Quantitative Methods | |
| <i>Certificate: Experimental Education (in progress)</i> | |
| 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)?
 What is the true relationship between intelligence and conscientiousness?

AWARDS & HONORS

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| 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

12. **Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (Feb 2015). The incremental validity of spousal personality's influence on longevity. Poster to be presented at the 3rd Annual Lifespan Social-Personality Preconference, Long Beach, California.
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 Respon-

dents: 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.

POPULAR PRESS PUBLICATIONS

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

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

WORKING PAPERS

- Jackson, J. J., Connolly, J. J., **Garrison, S. M.**, Leveille, M. M., & Connolly, S. L. (revise & resubmit). 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

Downstream consequences of divorce (with Connolly *et al.*)
 Dyadic V modeling (with Rodgers *et al.*)
 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

Undergraduate Course Laboratory Instructor

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| 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

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| 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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|---|------------------------------|
| Rodgers Lab (Vanderbilt) , NLSY79 Kinship Links Technical Support | Feb 2014; Aug 2014 - Present |
| Bentley Historical Library (Univ. of Michigan) , Visiting Researcher | Jul 2014 |
| Turiano Lab (West Virginia Univ.) , Methods Consultant | Mar 2014 - Present |
| LoveLogica , Lead Test Developer | Feb 2014 - Present |
| Rodgers Lab (Vanderbilt) , Graduate Researcher | Jul 2013 - Present |
| Personality Measurement & Development Lab (WUSTL) , Research Affiliate | Jul 2013 - Present |
| Framewürk , Assessment Consultant | Feb 2013; Apr 2014 |
| Personality Measurement & Development Lab (WUSTL) , Research Assistant | Aug 2012 - Jul 2013 |
| Social Behavior Lab (WUSTL) , Research Assistant | Jan 2012 - Oct 2012 |
| Feed the Arts , Data Analysis Consultant | Jun 2012 - Mar 2013 |
| Institute for Quantitative Social Science (Harvard) , Visiting Researcher | Jan 2013 |
| ReviewNet , Psychometrics Consultant | May 2012 - Jun 2012 |

SERVICE

University

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| 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

Conference/Award Reviewer

AERA Annual Meeting SIG-Cognition and Assessment, AERA Annual Meeting SIG-Test Validity Research and Evaluation, APS Student Council Student Research Award, SPSP Graduate Student Council Student Poster Award

COMMITTEES

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>in progress</i> | |

DEVELOPMENT

Methods & Substance

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| 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

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| 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

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| Certifications | Microsoft Office Access Specialist, Microsoft Office Excel Specialist |
| Coding | HTML, \LaTeX , Python, R |
| Languages | English, Latin |
| Select Software | BUGS/JAGS, Eviews, Git, Mechanical Turk, Qualtrics, R, REDCap, SAS, SPSS |
| Statistics | 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

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

REFERENCES

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|---|---|
| Joseph L. Rodgers, Ph.D Lois Autrey Betts Professor Quantitative Methods Area Head Department of Psychology & Human Development Vanderbilt University, Peabody College | Michael J. Strube, Ph.D Professor Department of Psychology Department of Physical Therapy Washington University in St. Louis |
| James H. Steiger, Ph.D Professor Department of Psychology & Human Development Vanderbilt University, Peabody College | Joshua J. Jackson, Ph.D Assistant Professor Department of Psychology Washington University in St. Louis |
| James J. Connolly, J.D/Ph.D Director of the Kelly/Connolly Longitudinal Study Connolly Consulting | |