

S_(ARAH) MASON GARRISON

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EDUCATION

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 multidimensional scaling reveal the true facets within individual differences?
 How can we best incorporate genetic information and kinship structure into individual differences research?
 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

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. (in prep). Impact of adolescent conscientiousness and intelligence on health at midlife: A sibling comparison approach. Target: *Intelligence*

PRESENTATIONS

- 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.
- Garrison, S. M.**, Connolly, J. J., Leveille, M., & Jackson, J. J. (February 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 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.

POPULAR PRESS PUBLICATIONS

7. Markiewitz, N. D. & **Garrison, S. M.** (in press). Learning styles: How do you learn best? *SkilledUp*
 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*
- Italics denotes a undergraduate student co-author*

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

Co-Director. Kelly/Connolly Longitudinal Study on Personality and Aging	Dec 2012 - Present
Lab Coordinator. Strube Social Behavior Lab, WUSTL	Oct 2012 - Jul 2013

ONGOING PROJECTS

Dyadic V modeling (with Rodgers <i>et al.</i>)
Facial structure, attractiveness, and divorce (with Connolly <i>et al.</i>)
Spousal personality's influence on health and longevity across multiple cohorts (with Jackson <i>et al.</i>)
Timing of personality's influence on mortality (with Turiano <i>et al.</i>)
Validity of the Kelly Personality Rating Scale (with Jackson <i>et al.</i>)

TEACHING

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

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 - Present
Lead Test Developer. LoveLogica	Feb 2014 - Present
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

National

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. *Psi Chi*, 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

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

Virtual Mentor. Science Driven Advice, LoveLogica May 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. 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

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

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

in progress

DEVELOPMENT

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

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

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

Joseph L. Rodgers, Ph.D

Lois Autrey Betts Professor
Quantitative Methods Area Head
Department of Psychology & Human Development
Vanderbilt University, Peabody College

James H. Steiger, Ph.D

Professor
Department of Psychology & Human Development
Vanderbilt University, Peabody College

James J. Connolly, J.D/Ph.D

Director of the Kelly/Connolly Longitudinal Study
Connolly Consulting

Michael J. Strube, Ph.D

Professor
Department of Psychology
Department of Physical Therapy
Washington University in St. Louis

Joshua J. Jackson, Ph.D

Assistant Professor
Department of Psychology
Washington University in St. Louis