

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

University of British Columbia

Fall 2015

Visiting International Researcher & Quinn Exchange Fellow at the 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

Differential Epidemiology · Dyad Modeling · Intelligence · Kinship-based Quasi-Experimental Designs · Personality

AWARDS & HONORS

National Science Foundation Graduate Research Fellowship (\$138,000)	2015 - 2020
Vanderbilt Graduate Honor Fellowship (\$50,000)	2013 - 2018
Peabody & Vanderbilt Travel Grants (\$10,000)	2013 - 2018
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
Peabody Dean's Summer Scholarship (\$5,334)	2013; 2014
SMEP Workshop Travel Award (\$1,000)	2014
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

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)

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

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

17. Rodgers, J. L. & **Garrison, S. M.** (September 2015). Do intelligent girls delay age at first intercourse?: Different results within-families versus between-families. Talk to be given at the International Society for Intelligence Research Annual Conference in Albuquerque, New Mexico.
16. **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, Missouri.
15. **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, Tennessee.
14. **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, California. Also, presented at the 3rd Annual Lifespan Social-Personality Preconference, Long Beach, California.
13. 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, California.
12. **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, California.
11. 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 3rd place in Undergraduate Poster Competition*
10. **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.
9. 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.
8. **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.
7. 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.
6. 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.
5. **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, Tennessee.
4. 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.

3. **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. Also, presented at the 2nd Annual Lifespan Social-Personality Preconference, Austin, Texas.
2. 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.
1. **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. Also, presented at the Annual Undergraduate Research Symposium, Washington University, St. Louis, Missouri.

denotes undergraduate student co-author

WORKING PAPERS

3. **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.
2. **Garrison, S. M.** & Rodgers, J. L. (in prep). Intelligence and Age at First Intercourse: Cause or Confound?
1. 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. (submitted). The NLSY Kinship Links: Using the NLSY79 and NLSY-Children Data to Conduct Genetically-Informed and Family-Oriented Research.

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

Holtzman Lab (Georgia Southern Univ.) · Kross Emotion & Self Control Lab (UMich) · Leadership, Policy, & Organizations Dept. (VU) · Mendle Adolescent Transitions Lab (Cornell) · Needham Infant Learning Lab (VU) · Paulhus Personality Lab (UBC) · Ryan Lab (Georgetown) · Strube Social Behavior Lab (WUSTL) · Turiano Personality, Health, & Development Lab (West Virginia Univ.) · Zald Affective Neuroscience Lab (VU)
 Academic*:
 *includes faculty, postdocs, and graduate students

Industry: Feed the Arts · Framewürk · LoveLogica · SkilledUp · ReviewNet

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, APSSC Student Grant Competition Dec 2014
 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, 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. *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, Journal of Research in Personality

COMMITTEES**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

Limited Moderator. [Science](#), [Reddit.com](#) May 2015 - Present
 Science Verified User. [Science](#), [Reddit.com](#) May 2015 - Present
 Moderator. [GradAdmissions](#), [Reddit.com](#) Jan 2015 - 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

COURSEWORK

Graduate

Health Psychology. Prof. A. DeLongis, Univ. of British Columbia	Fall 2015
Personality Dimensions & Structure. Prof. D. Paulhus, Univ. of British Columbia	Summer 2015
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
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

Supplemental Training

Data Mining. Prof. R. Stine, Univ. of Michigan	Summer 2014
Intro. to Human Behavioral Genetics. Coursera, Univ. of Minnesota	Summer 2014
Big Data and Social Physics. edX, MIT	Summer 2014
Statistical Analysis of fMRI Data. Coursera, Johns Hopkins	Winter 2014
Social Epidemiology. Coursera, Univ. of Minnesota	Summer 2013

upcoming or in progress

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 • Mplus • R • SAS • SPSS
Statistics	Bayesian Methods • Behavioral Genetics/Biometrical Modeling • Classical Test Theory • Dyad Modeling • 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

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

Lewis R. Goldberg, Ph.D

Professor *Emeritus*
Department of Psychology
University of Oregon