

# Ross Jacobucci

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Los Angeles, California 90089

## Curriculum Vitae

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### Education

- **University of Southern California (USC)** Los Angeles, California  
*Ph.D. Psychology*  
– Area: Quantitative Methods  
*Expected 2018*
- **University of Southern California (USC)** Los Angeles, California  
*M.A. Psychology*  
– Thesis: Regularized Structural Equation Modeling  
– Area: Quantitative Methods  
*December 2015*
- **University of Northern Iowa (UNI)** Cedar Falls, Iowa  
*M.A. Psychology*  
– Individualized Study: Quantitative Emphasis  
*2011-2013*
- **Luther College** Decorah, Iowa  
*B.A. Psychology*  
– Thesis: The Effect of Mental Imagery on Performance in Golf.  
– Cum Laude  
*Graduated 2010*

### Publications & Presentations

#### • Published Papers and Abstracts

- Ammerman, B. A., **Jacobucci, R.**, Kleiman, E. M., Muehlenkamp, J. J., & McCloskey, M. S. (in press). Development and validation of empirically derived frequency criteria for NSSI disorder using exploratory data mining, *Psychological Assessment*.
- Jacobucci, R.**, Grimm, K. J., & McArdle, J. J. (2016). Regularized structural equation modeling, *Structural Equation Modeling*, 23, 555-566. doi:10.1080/10705511.2016.1154793. PMCID: 4937830
- Jacobucci, R.**, & McArdle, J. J. (2015). Abstract: Regularized structural equation modeling, *Multivariate Behavioral Research* 50, 736-736. doi:10.1080/00273171.2015.1121125.
- Hayes, T., Usami, S., **Jacobucci, R.**, & McArdle, J. J. (2015). Using classification and regression trees (CART) and random forests to analyze attrition in longitudinal data: Results from two simulation studies, *Psychology and Aging*, 30, 911-929. doi:10.1037/pag0000046. PMCID: 4743660
- Skaar, N. R., Christ, T. J., & **Jacobucci, R.** (2014). Measuring adolescent prosocial and health risk behavior in schools: Initial development of a screening measure. *School Mental Health*, 6, 137-149. doi:10.1007/s12310-014-9123-y

#### • Manuscripts Under Review

- Jacobucci, R.**, Grimm, K. J., & McArdle, J. J. (Under Review). A comparison of methods for uncovering sample heterogeneity: Structural equation model trees and finite mixture models, *Structural Equation Modeling*.
- Ammerman, B. A., **Jacobucci, R.**, Kleiman, E. M., Uyeji, L., & McCloskey, M. S. (Under Review). The impact of NSSI age of onset on severity and suicidality. *Suicide and Life Threatening Behavior*.

#### • Oral Presentations

- Jacobucci, R.,** Zelinski, E. M. (2017, July). *Exploratory search for heterogeneity in change across older age using structural equation model trees..* Abstract submitted for paper presentation at the 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California.
- Jacobucci, R.,** Zelinski, E. M. (2016, November). *The bi-directional relationship between health and cognition in older age.* Paper to be presented at the Gerontological Society of America Annual Meeting, New Orleans, Louisiana.
- Jacobucci, R.,** Grimm, K. J., McArdle, J. J. (2016, July). *Comparison of frequentist and Bayesian regularization in structural equation modeling.* Paper to be presented at the International Meeting for the Psychometric Society, Asheville, North Carolina.
- Ammerman, B. A., **Jacobucci, R.,** Kleiman, E. M., Muehlenkamp, J., J. & McCloskey, M. S. (2015, November). *The exploration and validation of an empirically derived frequency criteria for NSSI Disorder.* Paper presented at the 49th Annual Convention for the Association for Behavioral and Cognitive Therapies, Chicago, Illinois
- Jacobucci, R.,** Prindle, J. J., McArdle, J. J. (2015, September). *An Application of Exploratory Data Mining in Project TALENT.* Paper presented at the International Meeting for Intelligence Research Annual Conference, Albuquerque, New Mexico.

## • Poster Presentations

- Ammerman, B. A., **Jacobucci, R.,** & McCloskey, M. S. (June, 2016). The Prediction of Non-Suicidal Self-Injury Frequency Using Random Forests. Poster presented at the 11th Annual Meeting of the International Society for the Study of Self-Injury, Eau Claire, Wisconsin.
- Jacobucci, R.,** Hayes, T., Zelinski, E. M. (2015, November). *Evaluating Methods for Generalizing from a Convenience Sample.* Poster presented at the 68th Annual Scientific Meeting of the Gerontological Society of America, Orlando, Florida.
- Zelinski, E., **Jacobucci, R.,** Kennison, R., & Zak, D. (2014, November). *Can a convenience sample produce generalizable results?* Poster session presented at the Gerontological Society of America Annual Scientific Meeting, Washington, DC.
- Jacobucci, R.,** Williams, J. E., & Thiruselvam, I. (2013, January). *A confirmatory factor analysis of the short form for the IPIP-NEO five-factor model personality scale.* Poster session presented at the Society for Personality and Social Psychology, New Orleans, Louisiana.
- Jacobucci, R.,** Brownfield, C., & Williams, J. E. (2012, December). *Intelligence as a factor in criminal offender risk assessment.* Poster session presented at the International Society for Intelligence Research, San Antonio, Texas.
- Jacobucci, R.,** Williams, J. E., & Thiruselvam, I. (2012, March). *Convergent validity of two short form measures of the five factor model of personality.* Poster session presented at the Iowa Psychological Association Spring Conference, Ames, Iowa.

## Awards/Honors

**Ruth L. Kirschstein National Research Service Award,** January 2015 - Present  
Predoctoral trainee on the Multidisciplinary Research Training in Gerontology Grant at USC

### 2015 SMEP Conference Travel Award

Travel award to present at the 13th Annual Society of Multivariate Experimental Psychology Graduate Student Conference.  
Amount: \$1500

### 2015 ISIR Conference Travel Award

Travel award to present at the annual meeting of the International Society for Intelligence Research.  
Amount: \$1500

**2014 SMEP Workshop Travel Award**

Travel award to attend the 2014 APA Advanced Training Institutes on Structural Equation Modeling in Longitudinal Research and Exploratory Data Mining in Behavioral Research.  
Amount: \$1000

**2014 APA Science Directorate Travel Award**

Travel award to attend the 2014 APA Advanced Training Institutes on Structural Equation Modeling in Longitudinal Research and Exploratory Data Mining in Behavioral Research.  
Amount: \$500

**Intercollegiate Academics Fund Travel Award, UNI, Fall 2012**

Award allocated to promote and support the presentation of research at an academic conference.  
Amount: \$650

**Graduate Student Opportunity Fund For Travel, UNI, Fall 2012**

Award to support travel for graduate students presenting at an academic conference.  
Amount: \$250

**College of Social and Behavioral Sciences Graduate Research Award, UNI, Fall 2012**

Award allocated for the purchase of expenses related to thesis research.  
Amount: \$500

**Graduate College Tuition Scholarship, UNI, Fall 2012**

Scholarship based on academic performance.

**Academic All-American, Golf, 2009, 2010**

An award given out by the Golf Coaches Association of America based on academic and athletic performance.

**Software**

**Jacobucci, R.** (2016). regsem: Performs Regularization on Structural Equation Models (version 0.1.2) [Software]. Available from <https://cran.r-project.org/web/packages/index.html>

**Jacobucci, R.** (2016). autosem: Performs Specification Search in Structural Equation Models (version 0.1.0) [Software]. Available from <https://cran.r-project.org/web/packages/autoSEM/index.html>

**Teaching Experience****• Teaching Assistant**

Fundamentals of Psychological Measurement, Fall 2014 (graduate: Dr. John J. McArdle, USC)  
History & Systems, Spring 2013 (undergraduate: Dr. Andrew R. Gilpin, UNI)  
Psychology of Music, Spring 2013 (undergraduate: Dr. Carolyn Hildebrandt, UNI)  
Advanced Graduate Statistics, Fall 2012 (graduate: Dr. Andrew R. Gilpin, UNI)  
Cognitive & Intellectual Assessment, Fall 2012 (graduate: Dr. John E. Williams, UNI)  
Honor's Introduction to Psychology, Fall 2012 (undergraduate: Dr. John E. Williams, UNI)  
Introduction to Psych Statistics, Spring 2012 (undergraduate: Dr. Andrew R. Gilpin, UNI)  
Memory & Language, Fall 2011 (undergraduate: Dr. Jack Yates, UNI)

**AD HOC Journal Reviewing**

- Multivariate Behavioral Research

**Affiliations**

- Gerontological Society of America
- Psychometric Society

## References

**Elizabeth Zelinski**, Ph.D., University of Southern California  
Professor of Gerontology and Psychology  
zelinski@usc.edu  
Phone: (213) 740-4918

**Kevin J. Grimm**, Ph.D., Arizona State University  
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**John J. McArdle**, Ph.D., University of Southern California  
Professor of Psychology and Gerontology  
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