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Curriculum Vitae
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Professional History & Education

- **Assistant Professor of Psychology**
University of Notre Dame
2017 - Current
Notre Dame, Indiana
- **Ph.D. Psychology**
University of Southern California (USC)
August 2017
Los Angeles, California
 - Area: Quantitative Methods
 - Dissertation: Evaluating the Stability of Decision Tree Algorithms.
- **M.A. Psychology**
University of Southern California (USC)
December 2015
Los Angeles, California
 - Area: Quantitative Methods
 - Thesis: Regularized Structural Equation Modeling.
- **M.A. Psychology**
University of Northern Iowa (UNI)
2011-2013
Cedar Falls, Iowa
 - Individualized Study: Quantitative Emphasis
- **B.A. Psychology**
Luther College
June 2010
Decorah, Iowa
 - Thesis: The Effect of Mental Imagery on Performance in Golf.

Research Funding

- **Ongoing**
Ross Jacobucci (PI)
Small Research and Creative Work grant
Institute for Scholarship in the Liberal Arts (ND)
Text Analysis for the Prediction of Suicide: A Pilot Study
\$2,475
Academic Year 2018-2019

Ross Jacobucci (Co-PI) & Brooke Ammerman (Co-PI)
Advanced Diagnostics and Therapeutics Discovery Fund.
Using Integrative Data Mining to Improve the Prediction of Suicide: An Initial Application.
8/13/18-8/13/20
Total Direct: \$41,068

Publications

- **Publications**
Ammerman, B. A., Hong, M., Sorgi, K. M., **Jacobucci, R.**, Park, Y., & McCloskey, M. S. (accepted). An examination of individual forms of nonsuicidal self-injury. *Psychiatry Research*.
Jacobucci, R., Serang, S., & Grimm, K. J. (accepted). A short note on complications in interpretation with the dual change score model. *Structural Equation Modeling*.
Serang, S. & **Jacobucci, R.** (in press). Exploratory mediation analysis of dichotomous outcomes via regularization. *Multivariate Behavioral Research*.

- Burke, T.A., Ammerman, B.A., & **Jacobucci, R.** (in press). The use of machine learning in the study of suicidal and non-suicidal self-injurious thoughts and behavior: A systematic review. *Journal of Affective Disorders*.
- Ammerman, B.A., **Jacobucci, R.** & McCloskey, M.S. (2019). Re-considering important outcomes of the NSSI disorder diagnostic criterion A. *Journal of Clinical Psychology*, 75, 1084-1097.
- Jacobucci, R.**, Brandmaier, A., & Kievit, R. (2019). A practical guide to variable selection in structural equation models with regularized MIMIC models. *Advances in Methods and Practices in Psychological Science*, 2, 55-76.
- Usami, S., **Jacobucci, R.**, & Hayes, T. (2019). The performance of latent growth curve model based structural equation model trees to uncover population heterogeneity in growth trajectories. *Computational Statistics*, 34, 1-22.
- Ammerman, B. A., Serang, S., **Jacobucci, R.**, Burke, T., A., Alloy, L. B., & McCloskey, M. S. (2018). Exploratory analysis of mediators in the relationship between childhood maltreatment and suicidal behavior. *Journal of Adolescence*, 69, 103-112.
- Stegmann, G., **Jacobucci, R.**, Serang, S., & Grimm, K. J. (2018). Recursive partitioning with nonlinear change trajectories. *Multivariate Behavioral Research*, 53, 559-570.
- Burke, T. A., **Jacobucci, R.**, Ammerman, B. A., Piccirillo, M., McCloskey M., & Alloy, L. B. (2018). Identifying the relative importance of non-suicidal self-injury features in predicting suicidal ideation and behavior using exploratory data mining. *Psychiatry Research*, 262, 175-183.
- Ammerman, B. A., **Jacobucci, R.**, & McCloskey, M. S. (2018). Using exploratory data mining to identify important predictors of non-suicidal self-injury frequency. *Psychology of Violence*, 8, 515-525.
- Ammerman, B. A., **Jacobucci, R.**, Kleiman, E. M., Uyeji, L., & McCloskey, M. S. (2018). The relationship between nonsuicidal self-injury age of onset and severity of self-harm. *Suicide and Life Threatening Behavior*, 48, 31-37.
- Jacobucci, R.**, Grimm, K. J. (2018). Comparison of frequentist and Bayesian regularization in structural equation modeling. *Structural Equation Modeling*, 25, 639-649.

Presentations

• Oral Presentations

- Jacobucci, R.** (2019, March). The use text mining for clinical research: An overview of the methodology. Paper submitted for presentation at the 53rd Annual Convention for the Association for Behavioral and Cognitive Therapies, Atlanta, Georgia.
- Ammerman, B.A., Wilcox, K. T., & **Jacobucci, R.** (2019, March) A nuanced examination of the relationship between social connectedness and suicidal ideation. Paper submitted for presentation at the 53rd Annual Convention for the Association for Behavioral and Cognitive Therapies, Atlanta, Georgia.
- Park, Y., O'Loughlin, C. M., **Jacobucci, R.** , & Ammerman, B.A. (2019, March). Examining person-specific reasons for living in the prediction of suicidal ideation: A text mining approach. Paper submitted for presentation at the 53rd Annual Convention for the Association for Behavioral and Cognitive Therapies, Atlanta, Georgia.
- Wilcox, K. T., **Jacobucci, R.** , McCloskey, M. S. & Ammerman, B.A.(2019, March). Evaluating personal narratives of interpersonal relationships via text mining to predict nonsuicidal self-injury. Paper submitted for presentation at the 53rd Annual Convention for the Association for Behavioral and Cognitive Therapies, Atlanta, Georgia.
- Jacobucci, R.** (2019, May). *Flexible specification of large structural equation models with regularization*. Keynote speech given at the Big Data in Psychology Pre-Conference in Dubrovnik, Croatia.
- Jacobucci, R.** (2019, February). *Novel assessment strategies for improving our understanding of mental health*. Invited talk given at the Quant Methods colloquium at Vanderbilt University.