

Benjamin Listyg

CONTACT

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EDUCATION

University of Georgia, Athens, GA

8/2019 - Present

MS/PhD, Industrial - Organizational Psychology

Advisor: Nathan T. Carter, PhD

University of Georgia, Athens, GA

8/2012–5/2016

BS, Psychology

Minor in Statistics

Magna Cum Laude

GRADUATE RESEARCH EXPERIENCE

Applied Psychometrics Lab, University of Georgia

8/2019 - Present

Graduate Research Assistant

PI: Nathan T. Carter, PhD.

GRANT EXPERIENCE

FUNDED

Grant # : 1920407

Project Title: Momentary Assessment of Research Learning Environments

Funding Organization: National Science Foundation

Amount Awarded: \$1,420,571.00

Funding Period: October 2019 - September 2022

Role: Graduate Research Assistant

PUBLICATIONS

Harris, A. M., McMillan, J. T., **Listyg, B.**, Matzen, L. E., & Carter, N. (2020). Measuring Intelligence with the Sandia Matrices: Psychometric Review and Recommendations for Free Raven-Like Item Sets. *Personnel Assessment and Decisions*, 6(3), 6.

Carter, N. T., Lowery, M. R., Williamson Smith, R., Conley, K. M., Harris, A. M., **Listyg, B.**, Maupin, C. K., King, R. T., & Carter, D. R. (2020). Understanding job satisfaction in the causal attitude network (CAN) model. *Journal of Applied Psychology*, 105(9), 959–993.

Harris, A.M., Siedor, L.E., Fan, Y., **Listyg, B.**, & Carter, N.T. (2016). In defense of the situation: An interactionist explanation for performance on situational judgment tests. *Industrial and Organizational Psychology: Perspectives on Science and Practice*, 9, 29-34.

PUBLICATIONS
(UNDER REVIEW)

Hyatt, C.S., **Listyg, B.**, Owens, M.M., Carter, N.T., Carter, D.R., Lynam, D.R., Harden, K.P., & Miller, J.D. Structural Brain Differences Do Not Mediate The Relations Between Gender and Personality or Psychopathology. *Journal of Abnormal Psychology*.

PUBLICATIONS
(IN-PROGRESS)

Listyg, B., Richardson, J.M., & Carter, N.T. Hit or a Miss? Examining Vocational Interest Inventory Hit Rates Through the Lens of Machine Learning.

Listyg, B. & Carter, N.T. Evaluating Global Fit Index Cut-offs For Multidimensional Item Response Models

Hess, R.A., **Listyg, B.**, Carter, N.T., Hoffman, B.J., Wegman, L., Birkelbach, D., & Lance, C.E. A Sign of the Times: The Importance of General Mental Ability Increases over Time in the Modern Workplace.

Hyatt, C.S., Sharpe, B.M., Owens, M.M., **Listyg, B.**, Carter, N.T., Lyman, D.R., & Miller, J.D. Searching High and Low for Replicable Associations between Brain Morphometry and Personality.

WORKING
PAPERS

Hess, R.A., **Listyg, B.**, & Carter, N.T. Revisiting the Genetic Correlation between Job Satisfaction and Personality.

PATENT
APPLICATIONS

Listyg, B. Cororan, E., Angellotti, M., Zajackowski, B., Gostelow, J., Casal, J., Jaress, D. (2020). Automated generation of related subject matter footers links and previously answered questions. U.S. Patent Application No. 16/446,117. Washington, DC: U.S. Patent and Trademark Office.

INVITED
TALKS

Listyg, B. (March, 2021) "A CURE for the STEM Pipeline?: Examining Longitudinal Effects of Life Science Undergraduate Research Experiences on Student Outcomes." Scientists Engaged in Educational Research (SEER) Center, University of Georgia, Athens, GA.

Listyg, B. (March, 2021) "Research and Workflow Tools to Make Your Life Easier." Social and Personality Psychologists at UGA (SPUGA) Group, University of Georgia. Athens, GA.

Listyg, B. (November, 2019) "Tips and Tricks for Reproducible Workflows in R". Biology Department, University of Georgia. Athens, GA.

Listyg, B. (July, 2018) "Using Randomization Inference to Improve AB Testing". Wyzant Tech Talks. Chicago, IL.

Listyg, B. (July, 2018) "Network Analysis and Graph Theory in an Educational Marketplace". Wyzant Tech Talks. Chicago, IL.

CONFERENCE
SYMPOSIA

Listyg, B., Lee, J., Choi, H., Bowers, B., & Dolan, E. (April, 2021). In I. Bilotta & E. King (chairs), Beyond Representation: Understudied Aspects of Diversity in STEM. Symposium presented at the 36th annual Society for Industrial and Organizational Psychology Conference: New Orleans, LA.

Listyg, B. & Carter, N.T. (April, 2020). In N.J. Haynes & R.J. Vandenburg (chairs), Fit Indices in SEM and IRT: Bringing Clarity to the Confusion. Symposium presented at the 35th annual Society for Industrial and Organizational Psychology Conference: Austin, TX.

Listyg, B., Barnett, C.N., Kaplan, M.S., & Braun, M.T., (April, 2018). In M.T. Braun (chair), Computational Modeling for I/O: Applications in Selection, Motivation, Leadership, Teamwork. Symposium presented at the 33rd annual Society for Industrial and Organizational Psychology Conference: Chicago, IL.

Listyg, B., Braun, M.T., (April, 2018). APIs and Big Data: Web Access to Organizational Databases. In G. Kuljanin (chair), Big Data Acquisition: Web-Scraping, APIs, Sociometric Badges, Corporate E-mails. Symposium presented at the 33rd annual Society for Industrial and Organizational Psychology Conference: Chicago, IL.

Listyg, B., & Braun, M.T., (April, 2017). When Stars Fail: A Study of Team Network Adaptation. In W. Wang, T. Murase, & T.A. Kluth (chairs), Social Network Analysis: Advances in Methodology, Theory, and Application. Symposium presented at the 32nd annual Society for Industrial and Organizational Psychology Conference: Orlando, FL.

Williamson, R. L., Carter, N. T., Guan, L., Shaikh, S. K., Benson, M., Davidson, A., Hines, S., & **Listyg, B.** (April, 2015). The development of an unfolding hierarchical measure of conscientiousness. In N. T. Carter, R. L. Williamson and M. L. LaPalme (Chairs), Adventures in unfolding measurement models: Applications to important work-related constructs. Symposium presented at the 29th Annual Meeting of the Society for Industrial and Organizational Psychology: Philadelphia, PA.

Guan, L., Carter, N.T., Fan, Y., Siminovsky, A.B., Hinds, T., & **Listyg, B.** (May, 2014). The downsides of extreme conscientiousness: Unfolding models provide new insights. In S.T. McAbee & M. Biderman (Chairs), Theoretical and practical advances in latent variable models of personality. Symposium presented at the 29th Annual Meeting of the Society for Industrial and Organizational Psychology: Honolulu, HI.

CONFERENCE
PRESENTATIONS

Choi, H., Lee, J., Kim, S., **Listyg, B.**, Bowers, B., Cohen, A., Dolan, E., Ramírez-Lugo J.S., & Johnsen, K. (June, 2021). Multigroup sLDA for characterizing college students' experience during COVID-19. Paper presented at the 2021 National Council of Measurement in Education conference: Baltimore, MD.

Falcon, C.N. & **Listyg, B.** (April, 2020). Why Do You Actually Want To Quit? An Exploration of Expressed Job Satisfaction and Turnover Intentions. Poster presented at the 35th Annual Meeting of the Society for Industrial and Organizational Psychology: Chicago, IL.

zational Psychology: Austin, TX.

Harris, A. M., McMillan, J. T., **Listyg, B.**, Matzen, L. E., & Carter, N. T. (April, 2019). Psychometric evaluation of the Sandia Matrices: An alternative to the Raven's Progressive Matrices. Poster presented at the 34th Annual Meeting of the Society for Industrial and Organizational Psychology: National Harbor, MD.

Cullen, K. L., Carter, D.R., Frear, K.A., Busenbeck, J.R., Jones, J., Mohan, G., Tawse, A., & **Listyg, B.**, (March, 2019). Leveraging Social Network Approaches to Examine Strategic Conversations in the Upper Echelons of Organizations. Poster presented at the SMS Special Conference: Las Vegas, NV.

Listyg, B., & Carter, N.T. (May, 2018). Projected Personality and Artistic Performance in the Hip-Hop Music Industry. Poster presented at the 30th Annual Convention for the Association for Psychological Science: San Francisco, CA.

Fan, Y., Guan, L., Siminovsky, A.B., Hinds, T., **Listyg, B.**, Carter, N.T., & Clark, M.A. (May, 2014). Does goal orientation mitigate the negative effects of work stress? Poster presented at the 29th Annual Meeting of the Society for Industrial and Organizational Psychology: Honolulu, HI.

INDUSTRY
EXPERIENCE

Wyzant, Chicago, IL 3/2018–6/2019

Data Scientist

National Public Radio, Washington, DC 1/2016–5/2016

Data Science Intern

Mercer, Atlanta, GA 6/2015–8/2015

Consulting Intern

Junior Achievement of Georgia, Atlanta, GA 9/2014–10/2014

Research Intern

Invesco, Atlanta, GA 5/2014–8/2014

Compensation Intern

AWARDS AND
HONORS

**Chicago R Unconference Travel Funding
(joint w/ Wyzant Education Stipend)** 3/2019

Amount Awarded: \$200

**University of South Florida
Herb Meyer Fellowship** 5/2017

Amount Awarded: \$750

**University of South Florida
Graduate Student Conference Travel Funding** 4/2017

Amount Awarded: \$250

University of Georgia
Psychology Department Newsletter Profile 5/2016

Amount Awarded: -

University of Georgia
Washington Semester Fellowship 1/2016

Amount Awarded: \$1000

University of Georgia
Scott Torgeson Undergraduate Research Award 1/2016

Amount Awarded: \$500

Zell Miller Scholarship 8/2012 - 5/2016

Amount Awarded: approx. \$45000

University of Georgia
Dean's List 8/2012 - 5/2016

Amount Awarded: -

TEACHING
EXPERIENCE

University of South Florida
Fall 2016, Spring 2017, Summer 2017, Fall 2017
PSYC1101 - Introduction to Psychological Science (Graduate Teaching Assistant)

University of Georgia
Fall 2015
PSYC4230 - Psychology of the Workplace (Undergraduate Teaching Assistant)

TECHNICAL
SKILLS

Programming:
R, Python, SQL, Golang, Julia, SPSS, Stata, MATLAB, VBA, Stan, Mplus, winBUGS, JAGS

DevOps:
Docker, Git, Version Control, TeamCity, Kubernetes, AirFlow