

## Christopher R. Dishop

### EXPERIENCE

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2021 – Present

Consortium of Universities of the Washington Metropolitan Area

*Research Fellow, Army Research Institute for the Behavioral and Social Sciences*

- Developed research plans addressing military effectiveness, leadership, and selection
- Worked collaboratively with other scientists on empirical investigations
- Executed programs using advanced statistics and computing
- Wrote executive summaries documenting study findings
- Communicated results to stakeholders via data visualizations and oral presentations

Project Management

Measuring, Modeling, and Testing Team Climate and Consensus – Project Lead

Systems Thinking in Military Research – Project Lead

2016 – 2021

Michigan State University

*Graduate Research Assistant, Department of Psychology*

- Conducted organizational psychology research on performance and test development
- Published 8 articles in peer-reviewed scientific outlets
- Presented 11 studies at local and national conferences
- Mentored 6 undergraduate research projects
- Instructed 2 undergraduate psychology courses
- Led 6 data collections

Project Management

Leadership and Employee Effectiveness – Project Lead

Multi-Level and Dynamic Statistical Modeling Best Practices – Project Lead

Employee Cooperation and Collective Performance – Project Lead

Radar Operations Feedback and Efficacy – Project Lead

Dyadic Communication in Online Video Games – Project Lead

Test Development of Construction Crew Network Knowledge – Project Member

NASA Team Simulations in Isolated and Confined Environments – Project Member

Mental Health Provider Effectiveness and Turnover – Project Member

### EDUCATION

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Ph.D., Organizational Psychology, Michigan State University

December, 2020

M.A., Organizational Psychology, Michigan State University

September, 2019

B.A., Behavioral Neuroscience, University of San Diego

May, 2016

## RESEARCH & STATISTICAL EXPERTISE

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- Coding Languages:** R, Julia, Markdown.
- Psychometrics:** Item Development, Test Validation, Performance Measurement, Validity, Job Analysis, Measurement Equivalence, Reliability.
- Data Management:** Data Wrangling, Cleaning, Visualization.
- Statistical Computing:** Dynamic Panel, Multi-Level, and Computational Modeling, Analysis of Variance, Factor Analysis, Structural Equations Modeling, Growth Modeling, Latent Dual-Change Modeling, Regression.

## SELECT PEER-REVIEWED SCHOLARSHIP

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- Dishop, C. R. & DeShon, R. P. (2021). A tutorial on Bollen and Brand's technique to modeling dynamics while attending to dynamic panel bias. *Psychological Methods*.
- Dishop, C. R. & DeShon, R. P. (2020). What is the critical mass of help? A potential resolution to a paradox on citizenship and organizational performance. *Computational & Mathematical Organization Theory*.
- Dishop, C. R., Braun, M. T., Kuljanin, G. & DeShon, R. P. (2020). Thinking longitudinal: A framework for scientific inferences with temporal data. In Y. Griep, S. D. Hansen, T. Vantilborgh & J. Hoffmans (Eds.), *Handbook of temporal dynamic organizational behavior*. Edward Elgar Publishing.
- Dishop, C. R., Green, A. E., Torres, E. M. & Aarons, G. A. (2019). Predicting turnover: The moderating effect of functional climates on emotional exhaustion and work attitudes. *Community Mental Health Journal*.
- Dishop, C. R., Olenick, J., Misisco, A., Chang, C.-H. & Kozlowski, S. W. J. (2019). Issues when combining different data sources. Symposium presentation at the *Society for Industrial and Organizational Psychology*, National Harbor, MD.
- Dishop, C. R., Olenick, J., Webb, J., Kozlowski, S. W. J., Chang, C.-H. & Perry, S. (2018). Algorithm validation in the application of sensor data to team processes. Poster presentation at the *NASA Human Research Program Investigators' Workshop*, Galveston, TX.