

*Social Mechanisms of Leadership Emergence: A Computational
Evaluation of Leadership Network Structures*

*Negative symptoms in an animal model of schizophrenia
Summa Cum Laude*

- *Emergence:*
- *Interdependence:*
- *Leadership*

- *Computational Modeling:*
- *Social Network Analysis*
- *Dynamics*

- _____

- _____

- _____

- _____

-
-
-
-
-
-

NDSEG

USU Department of Mathematics
USU CS Department Coding Competition
Merit-Based University Scholarship
Merit-Based Honors Program Scholarship

Hemsley, R., & Hollenbeck, J. (2022). *Embracing the Open System Paradigm: A Multiteam System Approach to Between-Team Negotiations*. NTR Research Grant, Negotiation and Team Resources. Status: Funded (amount: \$10,000).

(2017). *Effects of chronic mild stress on mice with BDNF-met allele*. Honors Research Fund, Utah State University. Status: Funded (amount: \$500).

- Somaraju, A. V., _____, Olenick, J., Chang, C.-H. (D.), & Kozlowski, S. W. J. (*In Press*). A Dynamic Systems Theory of Intra-team Conflict Contagion. *Journal of Applied Psychology*
- Somaraju, A., Dishop, C., & DeShon, R. (2023). Evaluating Interdependence in Workgroups: A Network-Based Method. *Organizational Research Methods*. Advanced online publication. <https://doi.org/10.1177/10944281211068179>
- Somaraju, A. V., _____, Olenick, J., Chang, C.-H. (D.), & Kozlowski, S. W. J. (2021). The dynamic nature of interpersonal conflict and psychological strain in extreme work settings. *Journal of Occupational Health Psychology*, 27(1), 53–73. <https://doi.org/10.1037/ocp0000290>
- _____, & Heinrich, W. F. (2021). Supporting a Merger of Entrepreneurship Curricula: Combining Organizational Frames and Theory of Change. *Entrepreneurship Education and Pedagogy*. Advanced online publication. <https://doi.org/10.1177/25151274211017549>
- Geiser, C., _____, & Shiffman, S. (2016). Using Multigroup-Multiphase Latent State-Trait Models _____ An Application to Smokers' Affect. *Frontiers in Psychology*, 7. <https://doi.org/10.3389/fpsyg.2016.01043>

(2022, April 27-30). *Social Mechanisms of Leadership Emergence: A Computational Evaluation of Leadership Network Structures* [Conference session]. Society for Industrial and Organizational Psychology Annual Conference, Seattle, WA, United States.

, Hemsley, R., Frank, K., Hollenbeck, J. (2021, October 6-November 4). *Beyond Agreement, Aggregation, and Centrality: The Role of Selection and Influence in Multilevel Theory* [Conference session]. INGroup Annual Conference, Virtual Conference.

., Olenick, J., Van Fossen, J., Misco, A., Chang, C.-H. (D.), & Kozlowski, S. W. J. (2020, June 16-30). *Team Dynamics: Predicting Psychological Events Using Team Interaction Sensors* [Conference session]. Society for Industrial and Organizational Psychology Annual Conference, Virtual Conference.

Somaraju, A., Dishop, C., , DeShon, R. (2020). *The Dynamics of Collective Performance* [Poster session]. Society for Industrial and Organizational Psychology Annual Conference, Event Cancelled.

Van Fossen, J., Misco, A., Olenick, J., , Chu-Hsiang, C., Kozlowski, S. (2020). *An Idiographic Approach to Understanding Team Process Dynamics* [Conference session]. Society for Industrial and Organizational Psychology Annual Conference, Event Canceled.

, Buhusi, M., & Buhusi, C. (2017, April 13). *Impaired Latent Inhibition in Mice with Genetic Vulnerability to Schizophrenia* [Conference session]. Student Research Symposium, Logan, UT, United States.

, & Buhusi, C. (2017, February 17). *Understanding schizophrenia through computational modeling of latent inhibition* [Poster session]. Utah Conference on Undergraduate Research, Salt Lake City, UT, United States.

, Handy, G., Taheri, M., & Borisuk, A. (2016, August 11). *Interaction of Calcium, Sodium and Potassium Dynamics in Astrocytes* [Conference session]. MBI Undergraduate Capstone Conference, Columbus, OH, United States.

, Handy, G., Taheri, M., & Borisuk, A. (2016, August 3). *Interaction of Calcium, Sodium and Potassium Dynamics in Astrocytes* [Poster session]. University of Utah Summer Undergraduate

(2022). *Automated Assessments Evaluation Report*. Technical Report, PDRI

& Heinrich, W. (2019). *Burgess Institute for Entrepreneurship and Innovation - Insights Report*. Technical Report, Michigan State University.

& Heinrich, W. (2019). *Burgess Institute for Entrepreneurship and Innovation – Entrepreneurship Mindsets Review*. Technical Report, Michigan State University

& Heinrich, W. (2019). *Burgess Institute for Entrepreneurship and Innovation – Project Review*. Technical Report, Michigan State University.

•

•

•

•

• President

•

•

•

•

•

Department of Defense
Jackson National Life Insurance
Michigan State University
Michigan State University
Focused Support LLC
Catalyst Preparatory Academy

-
-
-