

Publications for Micah Goldwater

2018

Ambridge, B., Goldwater, M., Lieven, E. (2018). Analogical structure mapping and the formation of abstract constructions: A novel construction learning study. *Trends in Language Acquisition Research*, 24, 177-196. [More Information]

Lai, P., Jacobson, M., Goldwater, M. (2018). Learning nanoscience concepts through a nanoscale experience. *13th International Conference of the Learning Sciences (ICLS 2018)*, London: International Society of the Learning Sciences.

Goldwater, M., Don, H., Krusche, M., Livesey, E. (2018). Relational Discovery in Category Learning. *Journal of Experimental Psychology: General*, 147(1), 1-35. [More Information]

Goldwater, M., Brunt, R., Echols, C. (2018). Speech Facilitates the Categorization of Motions in 9-Month-Old Infants. *Frontiers in Psychology*, 9, 1-13. [More Information]

Hamilton, T., Doai, J., Milne, A., Saisanas, V., Calilhanna, A., Hilton, C., Goldwater, M., Cohn, R. (2018). Teaching Mathematics with Music: A Pilot Study. *2018 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE 2018)*, Wollongong: Institute of Electrical and Electronics Engineers (IEEE). [More Information]

2017

Davis, T., Goldwater, M., Ireland, M., Gaylord, N., Van Allen, J. (2017). Can you catch Ebola from a stork bite? Inductive reasoning influences generalization of perceived zoonosis risk. *PLoS One*, 12(11), 1-21. [More Information]

Davis, T., Goldwater, M., Giron, J. (2017). From Concrete Examples to Abstract Relations: The Rostrolateral Prefrontal Cortex Integrates Novel Examples into Relational Categories. *Cerebral Cortex*, 27(4), 2652-2670. [More Information]

Goldwater, M. (2017). Grammatical Constructions as Relational Categories. *Topics in Cognitive Science*, 9(3), 776-799. [More Information]

Dekel, S., Burns, B., Goldwater, M. (2017). Leaping across the mental canyon: Analogical retrieval across disparate task domains. *39th Annual Conference of the Cognitive Science Society (CogSci 2017)*, Austin, TX: Cognitive Science Society.

Livesey, E., Goldwater, M., Colagiuri, B. (2017). Will human-like machines make human-like mistakes? *Behavioral and Brain Sciences*, 40, 1-5. [More Information]

2016

Goldwater, M., Bainbridge, R., Murphy, G. (2016). Learning of role-governed and thematic categories. *Acta Psychologica*, 164, 112-126. [More Information]

Goldwater, M., Schalk, L. (2016). Relational Categories as a Bridge Between Cognitive and Educational Research. *Psychological Bulletin*, 142(7), 729-757. [More Information]

Don, H., Goldwater, M., Otto, R., Livesey, E. (2016). Rule abstraction, model-based choice, and cognitive reflection. *Psychonomic Bulletin and Review*, 23(5), 1615-1623. [More Information]

2015

Don, H., Goldwater, M., Otto, R., Livesey, E. (2015). Connecting rule-abstraction and model-based choice across disparate learning tasks. *37th Annual Meeting of the Cognitive Science Society (CogSci 2015)*, Austin, TX: Cognitive Science Society.

Goldwater, M., Markman, A., Trujillo, L., Schnyer, D. (2015). Licensing Novel Role-Governed Categories: An ERP Analysis. *Frontiers in Human Neuroscience*, 9, 1-9. [More Information]

Goldwater, M., Gentner, D. (2015). On the acquisition of abstract knowledge: Structural alignment and explication in learning causal system categories. *Cognition*, 137, 137-153. [More Information]

2014

Smith, L., Ping, R., Matlen, B., Goldwater, M., Gentner, D., Levine, S. (2014). Mechanisms of spatial learning: Teaching children geometric categories. *Lecture Notes in Computer Science (LNCS)*, 8684, 325-337. [More Information]

2013

Jamrozik, A., Sagi, E., Goldwater, M., Gentner, D. (2013). Relational words have high metaphoric potential. *2013 Meeting of the North American Association for Computational Linguistics: First Workshop on Metaphor in NLP*, Stroudsburg: Association for Computational Linguistics (ACL).

Davis, T., Goldwater, M., Gaylord, N., Worthy, D., Otto, R., Glass, B. (2013). The Cognitive Psychology of Human-Bat-Interactions: Implications for Ecological Policy and Zoonotic Disease Transmission. In Gwynne A. Geyer (Eds.), *Bats: Phylogeny and Evolutionary Insights, Conservation Strategies and Role in Disease Transmission*, (pp. 39-56). Hauppauge, New York: Nova Science Publishers.

2012

Rottman, B., Gentner, D., Goldwater, M. (2012). Causal systems categories: Differences in novice and expert categorization of causal phenomena. *Cognitive Science*, 36(5),

912-932. [More Information]

2011

Goldwater, M., Markman, A. (2011). Categorizing entities by common role. *Psychonomic Bulletin and Review*, 18(2), 406-413. [More Information]

Taylor, J., Friedman, S., Forbus, K., Goldwater, M., Gentner, D. (2011). Modeling structural priming in sentence production via analogical processes. *The 33rd Annual Meeting of the Cognitive Science Society*, Austin: Cognitive Science Society.

Goldwater, M., Runner, J. (2011). On the Representational Nature of Representational Noun Phrases. In Jeffery T. Runner (Eds.), *Syntax and Semantics: Experiments at the Interfaces*, (pp. 219-250). Bingley, United Kingdom: Emerald Group Publishing Ltd.

Goldwater, M., Tomlinson, M., Love, B., Echols, C. (2011). Structural priming as structure-mapping: Young children use analogies from previous utterances to guide sentence production. *Cognitive Science*, 35(1), 156-170. [More Information]

Goldwater, M., Markman, A., Stilwell, H. (2011). The empirical case for role-governed categories. *Cognition*, 118(3), 359-376. [More Information]

2010

Rein, J., Goldwater, M., Markman, A. (2010). What is typical about the typicality effect in category-based induction? *Memory & Cognition*, 38(3), 377-388. [More Information]

2009

Goldwater, M., Markman, A. (2009). Constructional sources of implicit agents in sentence comprehension. *Cognitive Linguistics*, 20(4), 675-702. [More Information]

2006

Goldwater, M., Markman, A. (2006). Constructional sources of implicit agents in sentence comprehension. *the 28th Annual Meeting of the Cognitive Science Society*, Austin, TX: the 28th Annual Meeting of the Cognitive Science Society.

2005

Markman, A., Blok, S., Dennis, J., Kim, K., Goldwater, M., Laux, J., Narvaez, L., Taylor, E. (2005). Culture and Individual Differences. *Behavioral and Brain Sciences*, 28(6), 831-831. [More Information]