

# Aaron Hamer

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## EDUCATION

PhD, Psychology, University of Edinburgh                      2016 - present                      (ongoing)  
*A theory of the development of numerical cognition.*  
Supervisor: Dr. Alex Doumas

MA, Linguistics, University of Hawai'i                      2016  
Supervisor: Dr. Katie Drager

## AWARDS

Bilinski Pre-Dissertation Grant                      2014                      \$20,000

## PUBLICATIONS

### Peer-reviewed conference proceedings

Doumas, L. A. A., **Hamer, A. J.**, Puebla, G., & Martin, A. E. (2017). A theory of the detection and learning of structured representations of similarity and relative magnitude. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the Thirty-Ninth Annual Meeting of the Cognitive Science Society* (pp. 1955-1960). Mahwah, NJ: Lawrence Erlbaum.

**Hamer, A. J.** & Doumas, L. A. A. (2014). The availability heuristic in a symbolic-connectionist architecture. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the Thirty-Sixth Annual Meeting of the Cognitive Science Society* (pp. 571-576). Mahwah, NJ: Lawrence Erlbaum.

**Hamer, A. J.** & Doumas, L. A. A. (2013). Discovering quantification and number in a role filler model. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the Thirty-Fifth Annual Meeting of the Cognitive Science Society* (pp. 2276-2281). Mahwah, NJ: Lawrence Erlbaum.

### Peer-reviewed conference presentations

**Hamer, A. J.** & Doumas, L. A. A. (2014, July). *The availability heuristic in a symbolic-connectionist architecture*. Paper presented at the Thirty-Sixth Annual Conference of the Cognitive Science Society, Quebec City, Canada.

## Peer-reviewed conference posters

**Hamer, A. J.** & Dumas, L. A. A. (2017, August). *Learning quantities from magnitude via comparison*. Poster presented at the Fourth International Conference on Analogy, Paris, France.

**Hamer, A. J.** & Dumas, L. A. A. (2013, August). *Scalar implicature from structure and entropy*. Poster presented at the Third International Conference on Analogy, Dijon, France.

**Hamer, A. J.** & Dumas, L. A. A. (2013, August). *Discovering quantification and number in a role-filler model*. Poster presented at the Thirty-Fifth Annual Conference of the Cognitive Science Society, Berlin, Germany.

## RESEARCH

**University of Edinburgh**, Structured Thinking and Reasoning Laboratory, 2014 - present  
Primary Investigator: Dr. Alex Dumas  
Theoretical extensions, experiment design, and project management supporting the DORA project

**University of Hawai'i**, Structured Thinking and Reasoning Laboratory, 2011 - 2014  
Primary Investigator: Dr. Alex Dumas  
Theoretical extensions, experiment design, project management, and supervision of undergraduate research assistants supporting the DORA project

**University of Hawai'i**, Second Language Acquisition and Bilingualism Laboratory, 2011 - 2012  
Primary Investigator: Dr. Luca Onnis  
Software and stimuli development for study of bilingual prosody using gaze tracking with infants

## SERVICE

### Ad hoc reviewer

Journal of Cognition (2017)

Proceedings of the Cognitive Science Society (2015-2017)

Child Development (2014)

Journal of Cognitive Psychology (2014-2015)