

Anselm Rothe

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EDUCATION

2014—present New York University
Psychology: Cognition and Perception
Ph.D. expected 2019
Advisor: Dr. Todd Gureckis

2011—2013 Georg-August-Universität Göttingen
M.Sc. Psychology, *with distinction*

2008—2011 Georg-August-Universität Göttingen
B.Sc. Psychology, *with distinction*

AWARDS & FELLOWSHIPS

2017 NIPS Travel Award

2016 Graduate Student Travel Grant for the Emergent Meaning workshop of the annual meeting of the Cognitive Science Society

2016 Fellow of the Summer Institute on Bounded Rationality, incl. Travel Grant

2014—present MacCracken Fellowship, New York University

Summer 2013 German National Academic Foundation research stay abroad scholarship

2008—2013 German National Academic Foundation scholarship

MANUSCRIPTS

Rothe, A., Lake, B., & Gureckis, T. (submitted). Do people ask good questions? [[preprint](#)]

Rothe, A., Rich, A., & Li, Z. (submitted). Topics and trends in cognitive science.

Bramley, N., Rothe, A., Tenenbaum, J., Xu, F., & Gureckis, T. (submitted). Grounding compositional hypothesis generation in specific instances.

Rothe, A., Deverett, B., Mayrhofer, R., & Kemp, C. (in revision). Successful structure learning from observational data.

Rothe, A., Lake, B., & Gureckis, T. (2017). Question asking as program generation. In *Advances in Neural Information Processing Systems (NIPS)* 30. [[PDF](#)]

Rothe, A., Lake, B., & Gureckis, T. (2016). Asking and evaluating natural language questions. In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.) *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2051-2056). Austin, TX: Cognitive Science Society. [[PDF](#)]

Mayrhofer, R., & Rothe, A. (2012). Causal status meets coherence: The explanatory role of causal models in categorization. In N. Miyake, D. Peebles, & R. P. Cooper (Eds.) *Proceedings of the 34th Annual Conference of the Cognitive Science Society* (pp. 743-748). Austin, TX: Cognitive Science Society. [[PDF](#)]

PRESENTATIONS

Rothe, A., Lake, B., & Gureckis, T. (2017, December). *Question asking as program generation*. Poster presented at the 31st Annual Conference on Neural Information Processing Systems (NIPS), Long Beach, CA. [\[PDF\]](#)

Rothe, A., Lake, B., & Gureckis, T. (2017, July). *Progress in building a machine that can interesting and informative questions*. Poster presented at the 39th Annual Conference of the Cognitive Science Society, London, UK.

Rothe, A., Lake, B., & Gureckis, T. (2016, August). *Asking and evaluating natural language questions*. Talk presented at the International Conference on Thinking, Providence, RI.

Rothe, A., Lake, B., & Gureckis, T. (2016, August). *Asking and evaluating natural language questions*. Talk presented at the 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.

Rothe, A., Lake, B., & Gureckis, T. (2015, July). *Asking useful questions: Active learning with rich queries*. Poster presented at the 37th Annual Conference of the Cognitive Science Society, Pasadena, CA.

Rothe, A., & Mayrhofer, R. (2013, August). *Explanatory reasoning in causal-based categorization*. Poster presented at the 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.

Rothe, A., & Mayrhofer, R. (2012, October). *The role of causal models in causal-based categorization*. Poster presented at the 11th Biannual Conference of the German Cognitive Science Society, Bamberg, Germany.

Rothe, A., & Mayrhofer, R. (2012, April). *Causal status and coherence in causal-based categorization*. Poster presented at the 54th Tagung experimentell arbeitender Psychologen (Conference of Experimental Psychologists), Mannheim, Germany.

TEACHING EXPERIENCE

Fall 2016	Teaching Assistant, <i>Cognition</i> for Dr. Gregory Murphy, New York University
Spring 2016	Teaching Assistant, <i>From Illusions to Inference</i> for Dr. Weiji Ma, New York University
Fall 2009 & Fall 2010	Teaching Assistant, <i>Introduction to Research Methods in Psychology</i> for Dr. Uwe Mattler, Universität Göttingen

RESEARCH EXPERIENCE

2014—present	Graduate Research Assistant Advisor: Dr. Todd Gureckis, New York University
2013—2014	Research Assistant PI: Dr. Juliane Kämmer, Max Planck Institute, Berlin
2009—2013	Research Assistant PI: Dr. Ralf Mayrhofer, Universität Göttingen
2013	Master's Thesis Project Advisors: Dr. Charles Kemp, Carnegie Mellon University, & Dr. Ralf Mayrhofer, Universität Göttingen
2012	Research Internship Advisor: Dr. Juliane Kämmer, Max Planck Institute, Berlin
2011	Bachelor's Thesis Project Advisor: Dr. Ralf Mayrhofer, Universität Göttingen
2010	Research Internship Advisor: Sepideh Fazeli, & Dr. Stefan Treue, German Primate Center, Göttingen