

Anselm Rothe

Department of Psychology
New York University
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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

- 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., 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)*.

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, July). *Progress in building a machine that can interesting and informative questions*. Poster presented at 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 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, *Cognition*
for Dr. Greg Murphy, New York University

Spring 2016 Teaching Assistant, *From Illusions to Inference*
for Dr. Weiji Ma, New York University

Fall 2009 &
Fall 2010 Teaching Assistant, *Introduction to Research Methods in Psychology*
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