

# 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

- 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)* 30.

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

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

## RESEARCH EXPERIENCE

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