

# Alexander S. Rich

Department of Psychology  
New York University  
6 Washington Place  
New York, NY 10003  
email: asr443@nyu.edu

## Education

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| 2013–present | New York University<br>Psychology: Cognition and Perception with Quantitative Minor<br>Ph.D. expected 2018<br>Advisor: Dr. Todd Gureckis                  |
| 2009–2013    | Williams College<br>B.A. Mathematics, <i>Magna Cum Laude</i> , Phi Beta Kappa<br>Concentration with Honors in Cognitive Science<br>Advisor: Dr. Safa Zaki |

## Honors and Fellowships

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| 2015, 2014 | Robert J. Glushko and Pamela Samuelson Foundation Student Travel Grant for attendance at the annual meeting of the Cognitive Science Society |
| 2015       | Honorable Mention, National Science Foundation Graduate Research Fellowship  |
| 2013–2018  | MacCracken Fellowship, New York University   |

## Peer Reviewed Journal Articles

- Rich, A.S.**, Gureckis, T.M. (in press, 2017). Exploratory choice reflects the future value of information. *Decision*.
- Gureckis, T.M., Martin, J., McDonnell, J., **Rich, A.S.**, Markant, D., Coenen, A., Halpern, D., Hamrick, J.B., Chan, P. (2015). psiTurk: an open-source framework for conducting replicable behavioral experiments online. *Behavior Research Methods*.

## Manuscripts

- Rich, A.S.**, Gureckis, T.M. *in review*. The limits of learning: Exploration, generalization, and the development of learning traps.
- Rich, A.S.**, Gureckis, T.M. *in preparation*. Effects of present bias on exploratory choice. (Preregistration: [osf.io/2pvx8](https://osf.io/2pvx8))

## Refereed Conference Proceedings

- Rich, A.S.** and Gureckis, T.M. (2015). “The Attentional Learning Trap and How to Avoid It” in P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Rich, A.S.** and Gureckis, T.M. (2014). “The value of approaching bad things” in P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

## Professional Presentations

- Gureckis, T.M. and **Rich, A.S.** (June 2017). “Creating online experiments with psi-Turk” Data on the Mind Workshop, Berkeley, CA, USA.
- Rich, A.S.** and Gureckis, T.M. (August 2016). “Exploratory choice reflects the future value of information” Talk presented at the International Conference on Thinking, Providence, Rhode Island, USA.
- Rich, A.S.** and Gureckis, T.M. (August 2015). “The Attentional Learning Trap and How to Avoid It” Talk presented at the 37<sup>th</sup> Annual Meeting of the Cognitive Science Society, Pasadena, USA.
- Rich, A.S.** and Gureckis, T.M. (August 2014). “The value of approaching bad things” Talk presented at the 36<sup>th</sup> Annual Meeting of the Cognitive Science Society, Quebec City, Canada.
- de Leeuw, J.R., Coenen, A., Markant, D., Martin, J.B., McDonnell, J.V., **Rich, A.S.**, Gureckis, T.M. (2014). “Workshop: Online Experiments Using jsPsych, psiTurk, and Amazon Mechanical Turk” in P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

## Poster Presentations

- Rich, A.S.**, and Gureckis, T.M. (November 2017). “Exploration, Generalization, and the Development of Learning Traps” Poster presented at the Annual Meeting of the Psychonomic Society, Vancouver, BC, Canada.

- Rich, A.S.**, and Gureckis, T.M. (July 2017). “Does a present bias influence exploratory choice?” in P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) Presented at the 39th Annual Conference of the Cognitive Science Society, London, UK.
- Zaki, S., **Rich, A.**, and Stacy, S. (November 2016). “Temporal juxtaposition in category learning: modeling and eye tracking data.” Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA, USA.
- Rich, A.S.**, and Gureckis, T.M. (November 2015). “The attentional learning trap: How selective attention can cause persistent false beliefs” Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, IL, USA.
- Gureckis, T.M., and **Rich, A.S.** (November 2015). “Approach-avoid decisions reflect the value of information” Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, IL, USA.
- Markant, D., Chan, P., Coenen, A., Martin, J., McDonnell, J., **Rich, A.** and Gureckis, T. M. (November 2014). “psiTurk: An open-source framework for conducting reproducible behavioral experiments online.” Poster presented at the 2014 meeting of the Society for Computers in Psychology, Long Beach, CA, USA.

## Research Experience

2013–present	Graduate Research Assistant Advisor: Dr. Todd Gureckis, New York University
2012–2013	Research Fellow Advisor: Dr. Safa Zaki, Williams College
2011	Research Assistant PI: Dr. Frank Keil, Yale University

## Professional Service

Ad-hoc journal reviewing: *Cognitive Science*; *Journal of Experimental Psychology: General*; *Cognitive, Affective, & Behavioral Neuroscience*; *Annual Meeting of the Cognitive Science Society*

## Teaching

Spring 2018	Teaching Assistant, <i>Computational Cognitive Modeling</i> (graduate, NYU)
Fall 2015	Teaching Assistant, <i>Laboratory in Human Cognition</i> (undergraduate, NYU)
Fall 2014	Teaching Assistant, <i>Mathematical Tools for Neural and Cognitive Science</i> (graduate, NYU)
Spring 2013	Teaching Assistant, <i>Data Structures and Advanced Programming</i> (undergraduate, Williams)
Fall 2012	Teaching Assistant, <i>Introduction to Computer Science</i> (undergraduate, Williams)
Spring 2012	Teaching Assistant, <i>Linear Algebra</i> (undergraduate, Williams)
Fall 2010	Teaching Assistant, <i>Calculus II</i> (undergraduate, Williams)