



Volume 123
Number 5

October 2016

Published six times
by the
American Psychological
Association

ISSN 0033-295X

Psychological Review

Keith J. Holyoak, *Editor*

Associate Editors

Nicholas Epley
Susan A. Gelman
Michael J. Kahana
Laurence T. Maloney
Elke U. Weber

5

6

1

apa.org/pubs/journals/rev

Psychological Review®



www.apa.org/pubs/journals/rev

October 2016

Volume 123
Number 5

Articles

- 481 The Discovery of Processing Stages: Extension of Sternberg's Method
John R. Anderson, Qiong Zhang, Jelmer P. Borst, and Matthew M. Walsh
- 510 Cooperative Inference: Features, Objects, and Collections
Sophia Ray Searcy and Patrick Shafto
- 534 Tool Use and Affordance: Manipulation-Based Versus Reasoning-Based Approaches
François Osiurak and Arnaud Badets
- 569 A Multi-Rater Framework for Studying Personality: The Trait-Reputation-Identity Model
Samuel T. McAbee and Brian S. Connelly

Theoretical Notes

- 592 Thinking Outside the Box When Reading Aloud: Between (Localist) Module
Connection Strength As a Source of Word Frequency Effects
Derek Besner and Evan F. Risko
- 600 The Practical and Principled Problems With Educational Neuroscience
Jeffrey S. Bowers

Commentaries

- 613 The Promise of Educational Neuroscience: Comment on Bowers (2016)
John D. E. Gabrieli
- 620 The Principles and Practices of Educational Neuroscience: Comment on Bowers (2016)
*Paul A. Howard-Jones, Sashank Varma, Daniel Ansari, Brian Butterworth,
Bert De Smedt, Usha Goswami, Diana Laurillard, and Michael S. C. Thomas*
- 628 Psychology, Not Educational Neuroscience, Is the Way Forward for Improving Educational
Outcomes for All Children: Reply to Gabrieli (2016) and Howard-Jones et al. (2016)
Jeffrey S. Bowers

Other

- 533 E-Mail Notification of Your Latest Issue Online!
ii Instructions to Authors
- 591 Members of Underrepresented Groups: Reviewers for Journal Manuscripts Wanted
- 636 New Editors Appointed, 2018–2023

© 2016
American
Psychological
Association