



Volume 41  
Number 3

May 2015

Published bimonthly  
by the  
American Psychological  
Association

ISSN 0278-7393

# **Journal of Experimental Psychology: Learning, Memory, and Cognition**

*Editor*

Robert L. Greene

*Associate Editors*

Jennifer E. Arnold

Pierre Barrouillet

Scott Brown

Michael Cortese

Richard Gerrig

Luis Jimenez

Andrea Kiesel

Sachiko Kinoshita

Barbara Malt

Elizabeth Marsh

Alissa Melinger

Laura Novick

John Philbeck

Rebekah Smith

Nash Unsworth

Michael Waldmann

# Journal of Experimental Psychology: Learning, Memory, and Cognition®

www.apa.org/pubs/journals/xlm

May 2015

Volume 41

Number 3

## Research Articles

- 597 Responding to Nonwords in the Lexical Decision Task: Insights From the English Lexicon Project  
*Melvin J. Yap, Daragh E. Sibley, David A. Balota, Roger Ratcliff, and Jay Rueckl*
- 614 Facilitative Effect of Cognate Words Vanishes When Reducing the Orthographic Overlap: The Role of Stimuli List Composition  
*Montserrat Comesaña, Pilar Ferré, Joaquín Romero, Marc Guasch, Ana P. Soares, and Teófilo García-Chico*
- 636 Masked Primes Activate Feature Representations in Reading Aloud  
*Petroula Mousikou, Kevin D. Roon, and Kathleen Rastle*
- 650 No Solid Empirical Evidence for the SOLID (Serial Order Learning Impairment) Hypothesis of Dyslexia  
*Eva Staels and Wim Van den Broeck*
- 670 The Role of Functional Form in Causal-Based Categorization  
*Bob Rehder*
- 693 Property Attribution in Combined Concepts  
*Thomas L. Spalding and Christina L. Gagné*
- 708 Conservative Forgetful Scholars: How People Learn Causal Structure Through Sequences of Interventions  
*Neil R. Bramley, David A. Lagnado, and Maarten Speekenbrink*
- 732 Toward a Model Framework of Generalized Parallel Componential Processing of Multi-Symbol Numbers  
*Stefan Huber, Sonja Cornelsen, Korbinian Moeller, and Hans-Christoph Nuerk*
- 746 A Cognitive Procedure for Representation Change in Verbal Insight Problems  
*John Patrick, Afia Ahmed, Victoria Smy, Helen Seeby, and Katie Sambrooks*
- 760 The Effect of N-3 on N-2 Repetition Costs in Task Switching  
*Stefanie Schuch and James A. Grange*
- 768 The Power of Instructions: Proactive Configuration of Stimulus-Response Translation  
*Nachshon Meiran, Maayan Pereg, Yoav Kessler, Michael W. Cole, and Todd S. Braver*
- 787 Spatial Working Memory Interferes With Explicit, but Not Probabilistic Cuing of Spatial Attention  
*Bo-Yeong Won and Yuhong V. Jiang*
- 807 Invariant Spatial Context Is Learned but Not Retrieved in Gaze-Contingent Tunnel-View Search  
*Xuelian Zang, Lina Jia, Hermann J. Müller, and Zhuanghua Shi*
- 820 Modality Specificity and Integration in Working Memory: Insights From Visuospatial Bootstrapping  
*Richard J. Allen, Jelena Havelka, Thomas Falcon, Sally Evans, and Stephen Darling*
- 831 Disruption of Relational Processing Underlies Poor Memory for Order  
*Tanya R. Jonker and Colin M. MacLeod*

© 2015  
American  
Psychological  
Association

(Contents continue)

MAY 27 2015

- 841 Mistakes as Stepping Stones: Effects of Errors on Episodic Memory Among Younger and Older Adults  
*Andrée-Ann Cyr and Nicole D. Anderson*
- 851 The Efficacy of Self-Paced Study in Multitrial Learning  
*Mario de Jonge, Huib K. Tabbers, Diane Pecher, Yoonhee Jang, and René Zeelenberg*
- 859 Negative and Positive Testing Effects in Terms of Item-Specific and Relational Information  
*Neil W. Mulligan and Daniel J. Peterson*
- 872 No Recovery of Memory When Cognitive Load Is Decreased  
*Timothy J. Ricker, Evie Vergauwe, Garrett A. Hinrichs, Christopher L. Blume, and Nelson Cowan*
- 881 The Importance of Unitization for Familiarity-Based Learning  
*Colleen M. Parks and Andrew P. Yonelinas*

### Research Reports

- 904 The Effects of Semantic Transparency and Base Frequency on the Recognition of English Complex Words  
*Joe Xu and Marcus Taft*
- 911 The Influence of Working Memory Load on Semantic Priming  
*Tom Heyman, Bram Van Rensbergen, Gert Storms, Keith A. Hutchison, and Simon De Deyne*
- 921 No Evidence for a Fixed Object Limit in Working Memory: Spatial Ensemble Representations Inflate Estimates of Working Memory Capacity for Complex Objects  
*Timothy F. Brady and George A. Alvarez*

### Other

- 880 Call for Papers: *Behavioral Neuroscience: Special Issue on Behavioral Neuroscience of Sleep*
- 930 Correction to Hardman and Cowan (2014)
- 830 E-Mail Notification of Your Latest Issue Online!
- iii Instructions to Authors
- 819 Members of Underrepresented Groups: Reviewers for Journal Manuscripts Wanted
- 932 Select Basic Science Abstracts
- ii Subscription Order Form

## ORDER FORM

Start my 2015 subscription to the *Journal of Experimental Psychology: Learning, Memory, and Cognition*® ISSN: 0278-7393

- \_\_\_ \$189.00 APA MEMBER/AFFILIATE \_\_\_\_\_
- \_\_\_ \$501.00 INDIVIDUAL NONMEMBER \_\_\_\_\_
- \_\_\_ \$1,640.00 INSTITUTION \_\_\_\_\_

Sales Tax: 5.75% in DC and 6% in MD \_\_\_\_\_

TOTAL AMOUNT DUE \$ \_\_\_\_\_

**Subscription orders must be prepaid.** Subscriptions are on a calendar year basis only. Allow 4-6 weeks for delivery of the first issue. Call for international subscription rates.



AMERICAN  
PSYCHOLOGICAL  
ASSOCIATION

**SEND THIS ORDER FORM TO**  
American Psychological Association  
Subscriptions  
750 First Street, NE  
Washington, DC 20002-4242

Call 800-374-2721 or 202-336-5600  
Fax 202-336-5568 : TDD/TTY 202-336-6123  
For subscription information,  
e-mail: [subscriptions@apa.org](mailto:subscriptions@apa.org)

Check enclosed (make payable to APA)

**Charge my:**  Visa  MasterCard  American Express

Cardholder Name \_\_\_\_\_

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature (Required for Charge) \_\_\_\_\_

### Billing Address

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_

E-mail \_\_\_\_\_

### Mail To

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

APA Member # \_\_\_\_\_

XLMA15