

Curriculum Vita
JOSEPH HILGARD

Annenberg Public Policy Center
202 S. 36th Street
University of Pennsylvania
Philadelphia, PA, 19104-3806

Lab: 215.573.5213
Cell: 618.210.8530
Email: jhilgard@gmail.com
Open Science Foundation: <https://osf.io/pk8as/>

Education and Training

- 2015 - present Postdoctoral Research Fellow
 Annenberg Public Policy Center
 University of Pennsylvania
- 2009 – 2015 Ph.D., Social and Personality Psychology
 Department of Psychological Sciences, University of Missouri
 Graduate adviser: Dr. Bruce D. Bartholow
- 2014 Minor in Psychological Statistics and Methods
- 2007 – 2009 Research assistant, functional brain imaging
 Department of Psychology, Washington University in St. Louis
 Supervisor: Dr. Todd Braver
- 2003 – 2007 B.A., Neuroscience and Russian Literature
 Dartmouth College

Publications

- Lakens, D., **Hilgard, J.**, & Staaks, J. (in press). On the reproducibility of meta-analyses: Six practical recommendations. *BioMed Central*.
- Engelhardt, C. R., Mazurek, M. O., **Hilgard, J.**, Rouder, J., & Bartholow, B. D. (in press). Effects of violent video game exposure on aggressive behavior, aggressive cognition, and aggressive affect among people with and without autism spectrum disorder. *Psychological Science*.
- Hilgard, J.**, Bartholow, B. D., Dickter, C. L., & Blanton, H. (in press). Characterizing switching and congruency effects in the Implicit Association Test as reactive and proactive cognitive control. *Social Cognitive and Affective Neuroscience*. doi: 10.1093/scan/nsu060
- Engelhardt, C. R., **Hilgard, J.**, & Bartholow, B. D. (in press). Acute exposure to difficult (but not violent) video games dysregulates cognitive control. *Computers in Human Behavior*, 45, 85-92. doi:10.1016/j.chb.2014.11.089

- Hilgard, J.**, Weinberg, A., Proudfit, G. H., & Bartholow, B. D. (2014). The negativity bias in affective picture processing depends on top-down and bottom-up motivational significance. *Emotion, 14*, 940-949. doi: 10.1037/a0036791
- Hilgard, J.**, Engelhardt, C. R., & Bartholow, B. D. (2013) Individual differences in motives, preferences, and pathology in video games: The gaming attitudes, motives, and experiences scales (GAMES). *Frontiers in Psychology, 4*, 608. doi: 10.3389/fpsyg.2013.00608
- Christ, S.E., Moffitt, A. J., Peck, D., White, D. A., & **Hilgard, J.** (2012). Disrupted functional brain connectivity in individuals with early-treated phenylketonuria: Evidence from resting state fMRI data. *Journal of Inherited Metabolic Disease, 35*, 807-816.
- Weinberg, A., **Hilgard, J.**, Bartholow, B. D., & Hajcak, G. (2012). Emotional targets: Evaluative categorization as a function of context and content. *International Journal of Psychophysiology, 84*, 149-154.
- Jimura, K., Myerson, J., **Hilgard, J.**, Keighley, J., Braver, T. S., & Green, L. (2011). Domain independence and stability in young and older adults' discounting of delayed rewards. *Behavioral Processes, 87* (3), 253-259.
- Jimura, K., Myerson, J., **Hilgard, J.**, Braver, T. S., & Green, L. (2009). Are people really more patient than other animals? Evidence from human discounting of real liquid rewards. *Psychonomic Bulletin & Review, 16* (6), 1071-1075.

Manuscripts submitted

- Hilgard, J.**, Engelhardt, C. R., Bartholow, B. D., & Rouder, J. (Invited resubmission). A Bayesian re-analysis of studies in violent media research.
- Fleming, K. A., Bartholow, B. D., **Hilgard, J.**, McCarthy, D. M., O'Neills, S. E., & Sher, K. J. (Invited resubmission). The Alcohol Sensitivity Questionnaire: Evidence for construct and incremental validity.
- Hilgard, J.**, Scherer, L. D., & Bartholow, B. D. (In revision). Understanding racial bias in the Weapons Identification Task in terms of implicit contrast effects.
- Hilgard, J.**, Engelhardt, C. R., & Bartholow, B. D. (In revision). Game genre, game play, and game contents: The importance of specific definitions of media violence.
- Baker, S. G., **Hilgard, J.**, & Scherer, L. D. (Submitted). Intuition, deliberation, and confidence: Who has a metacognitive advantage?

Manuscripts in preparation

- Hilgard, J.**, Engelhardt, C. R., & Bartholow, B. D. (In preparation). Overestimated evidence and effect sizes in experimental studies of violent game effects: investigation through meta-regression and *p*-curve.

Hilgard, J., Engelhardt, C. R., & Bartholow, B. D. (In preparation). Improved reporting and measurement standards for video game content.

Hilgard, J., Engelhardt, C. R., Segert, I. L., & Bartholow, B. D. (In preparation). Game violence, game difficulty, and 2d4d ratio as predictors of aggressive behavior.

Hilgard, J., Christ, S. E., & Bartholow, B. D. (In preparation). Cognitive control in the Weapons Identification Task: An fMRI investigation.

Engelhardt, C. R., **Hilgard, J.**, Rouder, J. N., & Mazurek, M. O. (In preparation). The General Aggression Model does not predict aggressive behavior.

Engelhardt, C. R., **Hilgard, J.**, & Bartholow, B. D. (In preparation). Effects of firearm product placement in a violent video game.

Lueke, A., Zimmerman, I. Gibson, B., Bartholow, B., & **Hilgard J.** (In preparation). Hero violence and prosocial behavior.

Gervais, W. M., Schönbrodt, F. D., Carter, E. C., & **Hilgard, J.** (In preparation). A comparison of the efficacy of meta-analytic adjustments for publication bias.

Informal publications

Hilgard, J. (2014) Hilgard's modified video game paradigm. <https://osf.io/3cb9m/>

Hilgard, J. (2015) Bayesian perspectives on publication bias. <http://crystalprisonzone.blogspot.com/2015/07/bayesian-perspectives-on-publication.html>

Hilgard, J. (2015) Bayes factor: Asking the right questions. <http://crystalprisonzone.blogspot.com/2015/04/bayes-factor-asking-right-questions.html>

Hilgard, J. (2014) Psychology's awkward puberty. <http://crystalprisonzone.blogspot.com/2014/05/psychologys-awkward-puberty.html>

Hilgard, J. (2014) Intuitions about *p*. <http://crystalprisonzone.blogspot.com/2014/03/intuitions-about-p.html>

Hilgard, J. (2012) Not just solid food, but real food: Making video games with substance. *Medium Difficulty*. <http://www.mediumdifficulty.com/2012/04/10/not-just-solid-food-but-real-food/>

Manuscripts corrected

Greitemeyer, T., & Mugge, D.O. (2014) Video games do affect social outcomes: A meta-analytic review of the effects of violent and prosocial video game play. *Personality and Social Psychology Bulletin*, 40(5), 578-589. DOI: 10.1177/0146167213520459

Research experience

2015 – present	Postdoctoral research fellow, University of Pennsylvania
2009 – 2015	Graduate student, University of Missouri - Columbia
2007 – 2009	Research assistant to Dr. Todd Braver and Dr. Deanna Barch Washington University
2007	Undergraduate research assistant to Dr. Todd Heatherton & Dylan Wagner Dartmouth College

Teaching experience

2014	Instructor, Statistics (Research Methods II), Department of Psychological Sciences, University of Missouri
2014	Departmental workshop on the use of R package “ggplot2” for plotting
2013 – present	Instructor, Statistics (Graduate Statistical Software & Data Management), Department of Psychological Sciences, University of Missouri

Symposia presented

Hilgard, J., Bartholow, B. D., Weinberg, A., & Hajcak, G. (2011, May). Reconsidering the negativity bias: An argument for motivated perception. In D. R. Herring & P. A. Gable (chairs), *Electrophysiological correlates of motivationally evaluative processes*. Symposium conducted at the meeting of the Society for the Study of Motivation, Washington, D.C.

Posters presented

Hilgard, J., Engelhardt, C. R., & Bartholow, B. D. Effects of video game violence, game difficulty, and prenatal testosterone on aggressive behavior. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, California.

Hilgard, J., Engelhardt, C. R., Bartholow, B. D., & Segert, I. (2014). Digit ratio measures of prenatal testosterone exposure in predicting provoked aggression. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.

Hilgard, J., Engelhardt, C. R., & Bartholow, B. D. (2013, 2014). Individual differences in motives, preferences, and pathology in video games: The risk of escapism and online relationships. Poster session presented at Bond Life Sciences Day, Columbia, Missouri and at the annual meeting of the Society for Personality and Social Psychology, Austin, Texas.

Hilgard, J., Weinberg, A., Hajcak, G., & Bartholow, B. D. (2013). Does the negativity bias in affective picture processing depend on novelty? Poster session presented at the annual meeting of the Society for Psychophysiological Research, Rome, Italy.

Hilgard, J., Kerns, J. D., & Bartholow, B. D. (2013). Alcohol placebo effects on cognitive control: Investigating neural mechanisms. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, California.

Hilgard, J., Bartholow, B. D., Hajcak, G., & Weinberg, A. (2010, October). Rethinking the Negativity Bias: On the Importance of Qualitative Differences in Emotional Stimuli. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Portland, Oregon.

Honors and Awards

2015	Department nominee, Donald K. Anderson Graduate Teaching Award
2012	1 st place Psychology poster award, Bond Life Sciences Week
2011	1 st place Psychology poster award, Bond Life Sciences Week
2009-2013	Bond Life Sciences Fellow, University of Missouri

Professional affiliations

Society for Psychophysiological Research
Society for Personality and Social Psychology

Statistical workshops attended

American Statistical Association Course on Data Mining, Fall 2013
ICA/PCA of ERP Data: An EP Toolkit Tutorial Workshop, Fall 2012

Advising experience

Undergraduate Honors Thesis Advisor, James Cole, Fall 2013

Ad-hoc reviewer

Biological Psychology
Neuroreport
PLoS One
Social Cognitive and Affective Neuroscience
Journal of Experimental Psychology: General
Basic and Applied Social Psychology
Psychological Science
Cyberpsychology: Journal of Psychosocial Research on Cyberspace
Psychology of Popular Media Culture

Some peer reviews publicly available at <https://publons.com/author/226493/joseph-hilgard>