

Peer-Reviewed Conference Proceedings

- Johnson, S.G.B.** (2016). Explaining December 4, 2015: Cognitive science ripped from the headlines. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 63–68). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Kim, H.S.*, & Keil, F.C. (2016). Explanatory biases in social categorization. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 776–781). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Kim, K.*, & Keil, F.C. (2016). The determinants of knowability. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1577–1582). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Zhang, M.*, & Keil, F.C. (2016). Decision-making and biases in causal-explanatory reasoning. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1967–1972). Austin, TX: Cognitive Science Society.
- de Freitas, J.**, & **Johnson, S.G.B.**** (2015). Behaviorist thinking in judgments of wrongness, punishment, and blame. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 524–529). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Merchant, T.*, & Keil, F.C. (2015a). Argument scope in inductive reasoning: Evidence for an abductive account of induction. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1015–1020). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Merchant, T.*, & Keil, F.C. (2015b). Predictions from uncertain beliefs. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1003–1008). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Rajeev-Kumar, G.*, & Keil, F.C. (2015). Belief utility as an explanatory virtue. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1009–1014). Austin, TX: Cognitive Science Society.
- Johnston, A.M.**, **Johnson, S.G.B.****, Koven, M.L.*, & Keil, F.C. (2015). Probabilistic versus heuristic accounts of explanation in children: Evidence from a latent scope bias. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1021–1026). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Jin, A.*, & Keil, F.C. (2014). Simplicity and goodness-of-fit in explanation: The case of intuitive curve-fitting. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 701–706). Austin, TX: Cognitive Science Society.

- Johnson, S.G.B.**, Johnston, A.M., Toig, A.E.*, & Keil, F.C. (2014). Explanatory scope informs causal strength inferences. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 2453–2458). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, Rajeev-Kumar, G.*, & Keil, F.C. (2014). Inferred evidence in latent scope explanations. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 707–712). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, & Rips, L.J. (2014). Predicting behavior from the world: Naïve behaviorism in lay decision theory. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 695–700). Austin, TX: Cognitive Science Society.
- Johnson, S.G.B.**, & Rips, L.J. (2013). Good decisions, good causes: Optimality as a constraint on attribution of causal responsibility. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 2662–2667). Austin, TX: Cognitive Science Society.

Manuscripts in Progress

Under Review

- de Freitas, J.**, & **Johnson, S.G.B.**** Moral behaviorism. [revise/resubmit at *JEP: General*]
- Johnson, S.G.B.**, Johnston, A.M., Koven, M.L.*, & Keil, F.C. The natural order of mathematics is mirrored in the human mind. [revise/resubmit at *Psychological Science*]
- Johnston, A.M., Sheskin, M., **Johnson, S.G.B.**, & Keil, F.C. Preferences for explanation generality develop early in biology, but not physics. [revise/resubmit at *Child Development*]
- Kim, N.S., **Johnson, S.G.B.**, Ahn, W., & Knobe, J. When do people endorse biological explanations for behavior? The effect of abstract and concrete framing. [under review at *Cognitive Research: Principles and Implications*]

Working Papers

- Johnson, S.G.B.** *Scrupulous stopping: Peeking at the data to reduce false positives.*
- Johnson, S.G.B.**, Jin, A.*, & Keil, F.C. *Complexity bias in a visual task: Abductive heuristics used in fitting curves to scatterplot data.*
- Johnson, S.G.B.**, & Keil, F.C. *Pluralism in causal learning strategies.*
- Johnson, S.G.B.**, & Rips, L.J. *Naive behaviorism: Predicting and understanding behavior without mental-state reasoning.*
- Johnson, S.G.B.**, Zhang, J.*, & Keil, F.C. *Zero-sum thinking.*

Conference Presentations

- Johnson, S.G.B.** (2017). Zero-sum thinking. Poster presented at the 2017 Convention of the Society for Personality and Social Psychology. San Antonio, TX.
- Johnson, S.G.B.** (2016). Explaining December 4, 2015: Cognitive science ripped from the headlines. Poster presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Johnson, S.G.B.,** Kim, H.S.*, & Keil, F.C. (2016). Explanatory biases in social categorization. Poster presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Johnson, S.G.B.,** Kim, K.*, & Keil, F.C. (2016). The determinants of knowability. Paper presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Johnson, S.G.B.,** Zhang, M.*, & Keil, F.C. (2016). Decision-making and biases in causal-explanatory reasoning. Paper presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.
- Johnston, A.M., **Johnson, S.G.B.,** Koven, M.L., & Keil, F.C. (2016). Beyond truth-tracking: The development of explanatory preferences. Paper presented at the 2016 Budapest CEU Conference on Cognitive Development. Budapest, Hungary.
- Kim, N.S., Ahn, W., **Johnson, S.G.B.,** & Knobe, J. (2016). Framing influences clinicians' judgments of the biological and psychological bases of behaviors. Paper presented at the 2016 Meeting of the Eastern Psychological Association. New York, NY.
- Johnston, A.M., Sheskin, M., **Johnson, S.G.B.,** & Keil, F.C. (2015). Development of explanation generality preferences across elementary and middle school. Poster presented at the 2015 Biennial Meeting of the Cognitive Development Society. Columbus, OH.
- de Freitas, J., & **Johnson, S.G.B.** (2015). Behaviorist thinking in judgments of wrongness, punishment, and blame. Poster presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.
- Johnson, S.G.B.,** Merchant, T.*, & Keil, F.C. (2015). Argument scope in inductive reasoning: Evidence for an abductive account of induction. Poster presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.
- Johnson, S.G.B.,** Merchant, T.*, & Keil, F.C. (2015). Predictions from uncertain beliefs. Paper presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.
- Johnson, S.G.B.,** Rajeev-Kumar, G.*, & Keil, F.C. (2015). Belief utility as an explanatory virtue. Paper presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.
- Johnston, A.M., **Johnson, S.G.B.,** Koven, M.L.*, & Keil, F.C. (2015). Probabilistic versus heuristic accounts of explanation in children: Evidence from a latent scope bias. Poster presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.

- Johnson, S.G.B.**, Johnston, A.M., Koven, M.L. *, & Keil, F.C. (2015). The explanatory function of mathematical knowledge. Poster presented at the 1st Annual International Convention of Psychological Science. Amsterdam, Netherlands.
- Johnson, S.G.B.**, Jin, A. *, & Keil, F.C. (2014). Simplicity and goodness-of-fit in explanation: The case of intuitive curve-fitting. Paper presented at the 36th Annual Conference of the Cognitive Science Society. Québec City, Canada.
- Johnson, S.G.B.**, Johnston, A.M., Toig, A.E. *, & Keil, F.C. (2014). Explanatory scope informs causal strength inferences. Poster presented at the 36th Annual Conference of the Cognitive Science Society. Québec City, Canada.
- Johnson, S.G.B.**, Rajeev-Kumar, G.*, & Keil, F.C. (2014). Inferred evidence in latent scope explanations. Paper presented at the 36th Annual Conference of the Cognitive Science Society. Québec City, Canada.
- Johnson, S.G.B.**, & Rips, L.J. (2014). Predicting behavior from the world: Naïve behaviorism in lay decision theory. Paper presented at the 36th Annual Conference of the Cognitive Science Society. Québec City, Canada.
- Johnson, S.G.B.**, & Rips, L.J. (2013). Good decisions, good causes: Optimality as a constraint on attribution of causal responsibility. Poster presented at the 35th Annual Conference of the Cognitive Science Society. Berlin, Germany.

Invited Talks

2015 University of Chicago, Booth School of Business

Teaching and Mentoring Experience

Instructor, Yale University

- 2016 Developmental Psychology
 Course co-instructor (seminar style)
- 2015 Research Methods in Psychology
 Lectured, commented/graded papers, met with students

Teaching Fellow, Yale University

- 2014 Statistics in Psychological Science (Instructor: Gregory Samanez-Larkin)
 Led lab section, met with students about projects and course content
- 2013 Developmental Psychology (Instructor: Frank Keil)
 Led group discussions, gave guest lecture, commented/graded papers
- 2013 Statistics in Psychological Science (Instructor: Jaime Napier)
 Led lab section, met with students about projects and course content
- 2012 Introduction to Psychology (Instructor: Paul Bloom)
 Held office hours, commented on reading responses

Undergraduate Research Mentored (RAs, Interns, Thesis Students)

- 2016 Faith Hill (Vassar College '17)
 "Explanatory inference in consumer behavior"
Clayton Olash (University of Kentucky '17)
 "The ideological Turing test"
Amanda Royka (Yale University '18)
 "Counterintuitive findings and folkscience"
J.J. Valenti (Johns Hopkins University '18)
 "Simplicity and breadth of explanations"
Jiewen Zhang (University of California – Davis '19)
 "Folk theories of economics"
- 2015 Haylie Kim (University of California – Berkeley '16)
 "Stereotyping as sense-making"
Kristen Kim (Princeton University '16)
 "Perceptions of the unknown"
Andrea Leal (Yale University '16)
 "Principled abstention from controversial political issues"
Marianna Zhang (University of Chicago '18)
 "Decision-making and explanatory reasoning"
- 2014 Nicole Burke (Northwestern University '15)
 "Folk reductionism"
Marissa Koven (Emory University '15)
 "Mathematical explanation"
Thomas Merchant (Brown University '17)
 "Categories and explanation"
Greeshma Rajeev-Kumar (Yale University '16)
 "Sense-making under ignorance"
- 2013 Andy Jin (University of North Carolina – Chapel Hill '15)
 "Simplicity and complexity in intuitive curve-fitting"
Amy Toig (Wesleyan University '14)
 "Explanatory power as a cue to causal strength"

Awards and Fellowships

- 2011–17 Jack Kent Cooke Fellowship (\$50,000)
2016 SPSP Graduate Travel Award
2011–13 Sterling Prize Fellowship (\$5,000)
2011 Distinguished Senior Honors Thesis Award

Professional Affiliations

American Psychological Association
Association for Psychological Science
Cognitive Science Society

Society for Consumer Psychology
Society for Personality and Social Psychology
Society for Philosophy and Psychology

Professional Service

Ad hoc journal reviewing:

British Journal of Social Psychology
Cognition
Cognitive Science
Health Care Management Science
Journal of Applied Statistics
Review of Philosophy and Psychology

Conference reviewing:

Cognitive Science Conference
Society for Consumer Psychology Conference

Program committee:

Cognitive Science 2016

Institutional Service

2013–16 Graduate Affiliate, Jonathan Edwards College, Yale University
2012 Co-organizer, Graduate Interview Weekend, Yale Psychology Department

Professional References

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Lance J. Rips
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