

DEREK J. KOEHLER
CURRICULUM VITAE

Department of Psychology
University of Waterloo
Waterloo, Ontario N2L 3G1
CANADA

e-mail: dkoehler@uwaterloo.ca
phone: (519) 888-4567 ext. 45013
www.psychology.uwaterloo.ca/people/faculty/dkoehler
ORCID 0000-0002-3596-7882

EDUCATION

1988 University of Wisconsin–Madison, B.S. (with Honors) in Psychology
1993 Stanford University, Ph.D. in Psychology

PROFESSIONAL POSITIONS

2007- Professor of Psychology, University of Waterloo
2007-2011 Professor of Accounting and Finance (cross appointment), University of Waterloo
2000-2007 Associate Professor of Psychology, University of Waterloo
2001-2002 Visiting Scholar, Stanford Business School
1995-2000 Assistant Professor of Psychology, University of Waterloo
1994-1995 Research fellow, University College London
1993-1994 Postdoctoral visitor, MRC Applied Psychology Unit, Cambridge

AWARDS AND GRANTS

Ig Nobel Peace Prize (with Gord Pennycook, Al Cheyne, Nate Barr, and Jonathan Fugelsang; 2016)
Fellow, Association for Psychological Science (2010)
Fellow, American Psychological Association (2006)
Natural Sciences and Engineering Research Council of Canada, Discovery Grant (2017-2022), total \$160,000
Natural Sciences and Engineering Research Council of Canada, Discovery Grant (2010-2015), total \$175,000
Natural Sciences and Engineering Research Council of Canada, Discovery Grant (2004-2009), total \$110,000
Ontario Premier's Research Excellence Award (2003-2008), total \$150,000
Social Sciences and Humanities Research Council of Canada, Research Grant (2002-2005), total \$91,146
Natural Sciences and Engineering Research Council of Canada, Discovery Grant (2000-2004), total \$80,000
Natural Sciences and Engineering Research Council of Canada, Operating Grant (1996-2000), total \$68,080

ACADEMIC SERVICE

Editorial Board Member, *Journal of Applied Research in Memory and Cognition* (2022-present)
Faculty Researcher, Behaviourally Informed Organizations (BIOrg) Partnership (2019-present)
Program Committee Member, Southern Ontario Behavioural Decision Research Conference (2019-present)
Affiliate, ideas42 (2011-present)
Journal Supervisory Committee (Chair), *Judgment and Decision Making* (2007-present)
Consulting Editor, *Judgment and Decision Making* (2007-present)

Editorial Board Member, *Journal of Behavioral Decision Making* (1997-present)
Einhorn Award Committee, Society for Judgment and Decision Making (2018-2020)
Paper Reviewer, Behavioral Decision Research in Management Conference (2018, 2020)
Publications Committee (Chair), Society for Judgment and Decision Making (2007-2013)
Associate Editor, *Psychological Science* (2009-2010)
Editorial Board Member, *Journal of Experimental Psychology: Learning, Memory, and Cognition* (2006-2008)
Executive Board (Conference Coordinator), Society for Judgment and Decision Making (2005-2006)
Associate Editor, *Journal of Experimental Psychology: Learning, Memory, and Cognition* (2002-2006)

UNIVERSITY / DEPARTMENT SERVICE

Psychology Annual Performance Review Committee, University of Waterloo (2014; 2017-2022)
Psychology Tenure and Promotion Committee, University of Waterloo (2005-06; 2011-13; 2015-16; 2017-19; 2021-22)
Director Nominating Committee, School of Accounting and Finance (2021-22)
Faculty Tenure and Promotion Committee Member, Applied Health Studies, UW (2012-2013)
Founding Member and Organizer, UW Centre for Behavioural Decision Research (2011-2012)
Chair Search Committee Member, UW Department of Economics (2010)
Psychology Executive Committee, University of Waterloo (2000-01; 2002-04; 2007-08; 2009-10)
Associate Chair Graduate Affairs, UW Department of Psychology (2006-2007; 2008-09)
Cognition Area Head, UW Department of Psychology (2002-2006)
Founder (2003) and Coordinator (2003-2007), Waterloo Decision Research
Deputy Chair of UW Psychology and Chair of Department Space Committee (2000-2001)
Human Research Ethics Board, University of Waterloo (1997-2000)
Ontario Graduate Scholarship Selection Panel (1997-1999)

EDITED BOOK

Koehler, D. J., & Harvey, N. (2004). *Blackwell Handbook of Judgment and Decision Making*. Oxford, UK: Blackwell.

JOURNAL ARTICLES

Walker, A. C., Stange, M., Dixon, M. J., Fugelsang, J. A., & Koehler, D. J. (2022). Push Outcomes Bias Perceptions of Scratch Card Games. *Journal of Gambling Studies*, 1-25.

Walker, A. C., Stange, M., Dixon, M. J., Fugelsang, J. A., & Koehler, D. J. (2022). Using icon arrays to communicate gambling information reduces the appeal of scratch card games. *Journal of Gambling Studies*, 1-20.

Dunn, T. L., Gaspar, C., McLean, D., Koehler, D. J., & Risko, E. F. (2021). Distributed Metacognition: Increased Bias and Deficits in Metacognitive Sensitivity when Retrieving Information from the Internet. *Technology, Mind, and Behavior*, 2(3).

- Gretton, J. D., Meyers, E. A., Walker, A. C., Fugelsang, J. A., & Koehler, D. J. (2021). A brief forewarning intervention overcomes negative effects of salient changes in COVID-19 guidance. *Judgment and Decision Making*, 16(6), 1549-1574.
- Meyers, E. A., & Koehler, D. J. (2021). Individual differences in exploring versus exploiting and links to delay discounting. *Journal of Behavioral Decision Making*, 34, 515-528.
- Walker, A. C., Turpin, M. H., Meyers, E. A., Stolz, J. A., Fugelsang, J. A., & Koehler, D. J. (2021). Controlling the narrative: Euphemistic language affects judgments of actions while avoiding perceptions of dishonesty. *Cognition*, 211, 104633.
- Meyers, E. A., Turpin, M. H., Bialek, M., Fugelsang, J. A., & Koehler, D. J. (2020). Inducing feelings of ignorance makes people more receptive to expert (economist) opinion. *Judgment and Decision Making*, 15, 909-925.
- Pennycook, G., Cheyne, J. A., Koehler, D. J., & Fugelsang, J. A. (2020). On the belief that beliefs should change according to evidence: Implications for conspiratorial, moral, paranormal, political, religious, and science beliefs. *Judgment and Decision Making*, 15(4), 476.
- Stange, M., Walker, A. C., Fugelsang, J. A., Koehler, D. J., & Dixon, M. J. (2020). Unclaimed prize information increases the appeal of scratch card games. *International Gambling Studies*, 1-14.
- Meyers, E. A., Walker, A. C., Fugelsang, J. A., & Koehler, D. J. (2020). Reducing the number of non-naïve participants in Mechanical Turk samples. *Methods in Psychology*, 3, 100032.
- Koehler, D. J., & Pennycook, G. (2019). How the public, and scientists, perceive advancement of knowledge from conflicting study results. *Judgment and Decision Making*, 14, 671-682.
- Bialek, M., Bergelt, M., Majima, Y., & Koehler, D. J. (2019). Cognitive reflection but not reinforcement sensitivity is consistently associated with delay discounting of gains and losses. *Journal of Neuroscience, Psychology, and Economics*, 12(3-4), 169.
- Meyers, E. A., Bialek, M., Fugelsang, J. A., Koehler, D. J., & Friedman, O. (2019). Wronging past rights: The sunk cost bias distorts moral judgment. *Judgment and Decision Making*, 14, 721-727.
- Walker, A. C., Stange, M., Dixon, M. J., Koehler, D. J., & Fugelsang, J. A., (2019). Graphical Depiction of Statistical Information Improves Gambling-Related Judgments. *Journal of Gambling Studies*, 35, 945-968.
- Walker, A., Turpin, M. H., Stolz, J. A., Fugelsang, J., & Koehler, D. (2019). Finding meaning in the clouds: Illusory pattern perception predicts receptivity to pseudo-profound bullshit. *Judgment and Decision Making*, 14(2), 109-119.
- Walker, A., Turpin, M. H., Fugelsang, J., & Koehler, D. (2019). Intuition speed as a predictor of choice and confidence in point spread predictions. *Judgment and Decision Making*, 14(2), 148-155.
- Schulze, C., James, G., Koehler, D. J., & Newell, B. R. (2019). Probability matching does not decrease under cognitive load: A preregistered failure to replicate. *Memory & Cognition*, 47, 511-518.
- Stange, M., Walker, A. C., Koehler, D. J., Fugelsang, J. A., & Dixon, M. J. (2018). Exploring relationships between problem gambling, scratch card gambling, and individual differences in thinking style. *Journal of behavioral addictions*, 7(4), 1022-1029.
- Trippas, D., Kellen, D., Singmann, H., Pennycook, G., Koehler, D., Fugelsang, J. A., & Dubé, C. (2018). Characterizing Belief Bias in Syllogistic Reasoning: A Hierarchical-Bayesian Meta-Analysis of ROC Data. *Psychonomic Bulletin & Review*, 25, 2141-2174.

- Walker, A. C., Stange, M., Fugelsang, J. A., Koehler, D. J., & Dixon, M. J. (2018). Unclaimed Prize Information Biases Perceptions of Winning in Scratch Card Gambling. *Journal of Gambling Studies*, *34*, 1355-1375.
- Pennycook, G., Ross, R. M., Koehler, D. J., & Fugelsang, J. A. (2017). Dunning–Kruger effects in reasoning: Theoretical implications of the failure to recognize incompetence. *Psychonomic Bulletin & Review*, *24*, 1774-1784.
- Dunn, T. L., Koehler, D. J., & Risko, E. F. (2017). Evaluating effort: Influences of evaluation mode on judgments of task-specific efforts. *Journal of Behavioral Decision Making*, *30*, 869–888.
- Pennycook, G., Ross, R. M., Koehler, D. J., & Fugelsang, J. A. (2016). Atheists and agnostics are more reflective than religious believers: Four empirical studies and a meta-analysis. *PLoS one*, *11*(4), e0153039.
- Koehler, D. J. (2016). Can journalistic “false balance” distort public perception of consensus in expert opinion? *Journal of Experimental Psychology: Applied*, *22*, 24-38.
- Pennycook, G., Fugelsang, J. A., & Koehler, D. J. (2015). Everyday consequences of analytic thinking. *Current Directions in Psychological Science*, *24*, 425-432.
- Pennycook, G., Cheyne, J. A., Barr, N., Koehler, D. J., & Fugelsang, J. A. (2015). On the reception and detection of pseudo-profound bullshit. *Judgment and Decision Making*, *10*, 549-563.
- Pennycook, G., Cheyne, J. A., Koehler, D. J., & Fugelsang, J. A. (2015). Is the cognitive reflection test a measure of both reflection and intuition? *Behavior Research Methods*, *48*, 341-348.
- Pennycook, G., Fugelsang, J. A., & Koehler, D. J. (2015). What makes us think? A three-stage dual-process model of analytic engagement. *Cognitive Psychology*, *80*, 34-72.
- Koehler, D. J., Langstaff, J., & Liu, W. (2015). A simulated financial savings task for studying consumption and retirement decision making. *Journal of Economic Psychology*, *46*, 89-97.
- Peetz, J., Buehler, R., Koehler, D. J. & Moher, E. (2015). Bigger not better: Unpacking future expenses inflates spending predictions. *Basic and Applied Social Psychology*, *37*, 19-30.
- Pennycook, G., Cheyne, J. A., Barr, N., Koehler, D. J., & Fugelsang, J. A. (2014). The role of analytic thinking in moral judgements and values. *Thinking & Reasoning*, *20*, 188-214.
- Poon, C. S. K., Koehler, D. J., & Buehler, R. (2014). On the psychology of self-prediction: Consideration of situational barriers to intended actions. *Judgment and Decision Making*, *9*, 207-225.
- Pennycook, G., Cheyne, J. A., Barr, N., Koehler, D. J., & Fugelsang, J. A. (2014). Cognitive style and religiosity: The role of conflict detection. *Memory & Cognition*, *42*, 1-10.
- Pennycook, G., Cheyne, J. A., Koehler, D. J., & Fugelsang, J. A. (2013). Belief bias during reasoning among religious believers and skeptics. *Psychonomic Bulletin and Review*, *20*, 806-811.
- Newell, B.R., Koehler, D.J., James, G., Rakow, T., & van Ravenzwaaij, D. (2013). Probability matching in risky choice: The interplay of feedback and strategy availability. *Memory & Cognition*, *41*, 329-338.
- Pennycook, G., Fugelsang, J. A., & Koehler, D. J. (2012). Are we good at detecting conflict during reasoning? *Cognition*, *124*, 101-106.
- Pennycook, G., Cheyne, J. A., Seli, P., Koehler, D. J., & Fugelsang, J. A. (2012). Analytic cognitive style predicts religious and paranormal belief. *Cognition*, *123*, 335-346.
- Brenner, L. A., Griffin, D. W., & Koehler, D. J. (2012). A case-based model of probability and pricing judgments: Biases in buying and selling uncertainty. *Management Science*, *58*, 159-178.

- James, G., & Koehler, D. J. (2011). Banking on a bad bet: Probability matching in risky choice is linked to expectation generation. *Psychological Science, 22*, 707-711.
- Koehler, D. J., White, R. J., & John, L. K. (2011). Good intentions, optimistic self-predictions, and missed opportunities. *Social Psychological and Personality Science, 2*, 90-96.
- Koehler, D. J., & James, G. (2010). Probability matching and strategy availability. *Memory & Cognition, 38*, 667-676.
- Moher, E., & Koehler, D. J. (2010). Bracketing effects on risk tolerance: Generalizability and underlying mechanisms. *Judgment and Decision Making, 5*, 339-346.
- Koehler, D. J., & James, G. (2009). Probability matching in choice under uncertainty: Intuition versus deliberation. *Cognition, 113*, 123-127.
- Poon, C. S. K., & Koehler, D. J. (2008). Person theories: Their temporal stability and relation to intertrait inferences. *Personality and Social Psychology Bulletin, 34*, 965-977.
- Åstebro, T., & Koehler, D. J. (2007). Calibration accuracy of a judgmental process that predicts the commercial success of new product ideas. *Journal of Behavioral Decision Making, 20*, 381-403.
- White, C. M., & Koehler, D. J. (2007). Choice strategies in multiple-cue probability learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 33*, 757-768.
- Koehler, D. J., & Poon, C. S. K. (2006). Self-predictions overweight strength of current intentions. *Journal of Experimental Social Psychology, 42*, 517-524.
- Koehler, D. J., & Beaugard, A. (2006). Illusion of confirmation from exposure to another's hypothesis. *Journal of Behavioral Decision Making, 19*, 61-78.
- Poon, C. S. K., & Koehler, D. J. (2006). Lay personality knowledge and dispositionist thinking: A knowledge-activation framework. *Journal of Experimental Social Psychology, 42*, 177-191.
- Brenner, L., Griffin, D., & Koehler, D. J. (2005). Modeling patterns of probability calibration with Random Support Theory: Diagnosing case-based judgment. *Organizational Behavior and Human Decision Processes, 97*, 64-81.
- LaBella, C., & Koehler, D. J. (2004). Dilution and confirmation of probability judgments based on nondiagnostic evidence. *Memory & Cognition, 32*, 1076-1089.
- White, C. M., & Koehler, D. J. (2004). Missing information in multiple-cue probability learning. *Memory & Cognition, 32*, 1007-1018.
- Koehler, D. J., White, C. M., & Grondin, R. (2003). An evidential support accumulation model of subjective probability. *Cognitive Psychology, 46*, 152-197.
- King, R. N., & Koehler, D. J. (2000). Illusory correlations in graphological inference. *Journal of Experimental Psychology: Applied, 6*, 336-348.
- Newby-Clark, I. R., Ross, M., Buehler, R., Koehler, D. J., & Griffin, D. (2000). People focus on optimistic and ignore pessimistic scenarios while predicting their task completion times. *Journal of Experimental Psychology: Applied, 6*, 171-182.
- Koehler, D. J. (2000). Probability judgment in three-category classification learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 26*, 28-52.

- Brenner, L. A., & Koehler, D. J. (1999). Subjective probability of disjunctive hypotheses: Local-weight models for decomposition of evidential support. *Cognitive Psychology*, *38*, 16-47.
- Koehler, D. J., Brenner, L. A., & Tversky, A. (1997). The enhancement effect in probability judgment. *Journal of Behavioral Decision Making*, *10*, 293-313.
- Harvey, N., Koehler, D. J., & Ayton, P. (1997). Judgments of decision effectiveness: Actor-observer differences in overconfidence. *Organizational Behavior and Human Decision Processes*, *70*, 267-282.
- Koehler, D. J., & Harvey, N. (1997). Confidence judgments by actors and observers. *Journal of Behavioral Decision Making*, *10*, 221-242.
- Koehler, D. J., Brenner, L. A., Liberman, V., & Tversky, A. (1996). Confidence and accuracy in trait inference: Judgment by similarity. *Acta Psychologica*, *92*, 33-57.
- Koehler, D. J. (1996). A strength model of probability judgments for tournaments. *Organizational Behavior and Human Decision Processes*, *66*, 16-21.
- Brenner, L. A., Koehler, D. J., Liberman, V., & Tversky, A. (1996). Overconfidence in probability and frequency judgments: A critical examination. *Organizational Behavior and Human Decision Processes*, *65*, 212-219.
- Brenner, L. A., Koehler, D. J., & Tversky, A. (1996). On the evaluation of one-sided evidence. *Journal of Behavioral Decision Making*, *9*, 59-70.
- Redelmeier, D., Koehler, D. J., Liberman, V., & Tversky, A. (1995). Probability judgment in medicine: Discounting unspecified alternatives. *Medical Decision Making*, *15*, 227-230.
- Tversky, A., & Koehler, D. J. (1994). Support theory: A nonextensional representation of subjective probability. *Psychological Review*, *101*, 547-567.
[Reprinted in 1995 in J. M. Bernardo, J. O. Berger, A. P. Dawid, & A. F. M Smith (Eds.), *Bayesian Statistics 5*. Oxford University Press; reprinted in 2002 in T. Gilovich, D. Griffin, and D. Kahneman (Eds.), *Heuristics and Biases: The Psychology of Intuitive Judgment*. Cambridge University Press; reprinted in 2004 in E. Shafir (Ed.), *Preference, belief, and similarity: Selected writings by Amos Tversky*. MIT Press.]
- Koehler, D. J. (1994). Hypothesis generation and confidence in judgment. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *20*, 461-469.
- Gidron, D., Koehler, D. J., & Tversky, A. (1993). Implicit quantification of personality traits. *Personality and Social Psychology Bulletin*, *19*, 594-604.
- Koehler, D. J. (1991). Explanation, imagination, and confidence in judgment. *Psychological Bulletin*, *110*, 499-519.

BOOK CHAPTERS, COMMENTARIES, AND CONFERENCE PROCEEDINGS

- Koehler, D. J. (2017). *Public perception of expert (dis)agreement*. Commissioned report for the American Academy of Arts and Sciences.
- Pennycook, G., Fugelsang, J. A., Koehler, D. J., & Thompson, V. A. (2016). Commentary: Rethinking fast and slow based on a critique of reaction-time reverse inference. *Frontiers in Psychology*, *7*, 1174.
- Koehler, D. J. (online February 12, 2016; in print February 14, 2016). "Why people are confused about what experts really think." (online title) / "Experts are hard to understand" (print title). *New York Times*.
- Pennycook, G., Cheyne, J. A., Barr, N., Koehler, D. J., & Fugelsang, J. A. (2016). It's still bullshit: Reply to Dalton (2016). *Judgment and Decision Making*, *11*, 123-125.

- Koehler, D. (September 2, 2014). "The road to failure is paved with good intentions." *Washington Post*, reprinted from *The Conversation*.
- Koehler, D. J., & James, G. (2014). Probability matching, fast and slow. In B. H. Ross (ed.), *Psychology of Learning and Motivation* (pp. 103-131). Academic Press / Elsevier.
- Griffin, D., Gonzalez, R., Koehler, D. J., & Gilovich, T. (2012). Judgmental heuristics: A historical overview. In K. Holyoak & R. Morrison (eds.), *Oxford Handbook of Thinking and Reasoning* (pp. 322-345). Oxford University Press.
- Griffin, D., Koehler, D. J., & Brenner, L. A. (2007). Frequency formats are a small part of the base rate story: A comment on Barbey and Sloman. *Behavioral and Brain Sciences*, 30, 268-269.
- White, C. M., & Koehler, D. J. (2005). Assessing evidential support in an uncertain environment. In K. Fiedler & P. Juslin (Eds.), *Information Sampling and Adaptive Cognition*. Cambridge University Press.
- Koehler, D. J., Brenner, L. A., & Griffin, D. (2002). The calibration of expert judgment: Heuristics and biases beyond the laboratory. In T. Gilovich, D. Griffin, and D. Kahneman (Eds.), *Heuristics and Biases: The Psychology of Intuitive Judgment* (pp. 686-715). Cambridge University Press.
- Brenner, L. A., Koehler, D. J., & Rottenstreich, Y. (2002). Remarks on support theory: Recent advances and future directions. In T. Gilovich, D. Griffin, and D. Kahneman (Eds.), *Heuristics and Biases: The Psychology of Intuitive Judgment* (pp. 489-509). Cambridge University Press.
- Dixon, M. J., Koehler, D. J., Schweizer, T. A., & Guylee, M. J. (2000). Superior single dimension relative to "exclusive or" categorization performance by a patient with category-specific visual agnosia: Empirical data and an ALCOVE simulation. *Brain and Cognition*, 43, 152-158.

CONFERENCE PRESENTATIONS

- van der Valk AM, Gretton J, Meyers EA, Walker A, Chuong J, Fugelsang J, Koehler D. (July 2022). *Statistical reasoning regarding possible adverse outcomes of vaccination*. Canadian Society for Brain, Behaviour, and Cognitive Science Annual Meeting, Halifax, NS. Poster.
- Walker, A. C., Turpin, M. H., Meyers, E. A., Stolz, J. A., Koehler, D. J., & Fugelsang, J. A. (May 2022). *Controlling the narrative: Euphemistic language affects judgments of actions while avoiding perceptions of dishonesty*. APS Annual Convention, Chicago, IL, USA. Poster.
- Gasimova, Z., Turpin., M.H., Walker, A.C., Fugelsang, J., & Koehler, D. (June, 2021). *Perceptions of Profit Motive: How Can Messaging Affect Beliefs about Profit-Seeking*. Poster presented at the 2021 Annual meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual.
- Meyers, E.A., Turpin, M.H., Walker, A.C., Bialek, M., Friedman, Fugelsang, J.A., & Koehler, D. (June, 2021). *Sunk Costs as Cooperative Social Signals*. Poster presented at the 2021 Annual meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual.
- Gretton, J.D., Meyers, E., Fugelsang, J., Walker, A., & Koehler, D. (June, 2021). *A Brief Intervention Mitigates Detrimental Effects of Changes in COVID- 19 Guidance*. Talk presented at the 2021 Annual meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual.
- Gretton, J.D., Meyers, E., Fugelsang, J., Walker, A., & Koehler, D. (May, 2021). *A Forewarning Intervention Mitigates the Effects of Changes in COVID- 19 Guidance on Impressions of Public Health Authorities and Reported Health Behaviours*. Talk presented at the 2021 Southern Ontario Behavioural Decision Making Research Conference, Virtual.

- Gasimova, Z., Turpin, M.H., Walker, A.C., Fugelsang, J., & Koehler, D. (May, 2021). *Perceptions of Profit Motive: How Can Messaging Affect Beliefs about Profit-Seeking*. Poster presented at the 2021 Southern Ontario Behavioural Decision Making Research Conference, Virtual.
- Meyers, E.A., Turpin, M.H., Walker, A.C., Bialek, M., Friedman, Fugelsang, J.A., & Koehler, D. (May, 2021). *Sunk Cost Decisions as Cooperative Social Signals*. Poster presented at the 2021 Southern Ontario Behavioural Decision Making Research Conference, Virtual.
- Meyers, E., Bialek, M., Fugelsang, J., Friedman, O., Koehler, D., Turpin, M., & Walker, A. (December, 2020). *Sunk costs as cooperative social signals*. Poster presented at the 41st annual conference of the Society for Judgment and Decision Making, online.
- Meyers, E. A., Bialek, M., Fugelsang, J. A., Koehler, D. J., & Friedman, O. (2019, November). *Wrongs past rights: The sunk cost bias distorts moral judgment*. Talk presented (by Meyers) at the Annual Meeting of the Society for Judgment and Decision Making, Montreal, Quebec, Canada.
- Koehler, D. J. & Pennycook, G. (2019, June). *How the public, and scientists, perceive advancement of knowledge from conflicting study results*. Talk presented at the Behavioral Science and Policy Association annual conference, New York City, NY, USA.
- Koehler, D. J. & Pennycook, G. (2019, June). *Members of the public see less advancement of knowledge than do scientists from studies with conflicting results*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, Ontario, Canada.
- Pennycook, G., Cheyne, J., Koehler, D., & Fugelsang, J. (2019, November). *On the belief that beliefs should change according to evidence: Implications for conspiratorial, moral, paranormal, political, religious, and science*. Poster presented at the 40th annual conference of the Society for Judgment and Decision Making, Montreal, QC.
- Walker, A., Strange, M., Dixon, M., Koehler, D., & Fugelsang, J. (2019, November). *Graphical depiction of statistical information improves gambling-related judgments*. Poster presented at the 60th annual meeting of The Psychonomic Society, Montreal, QC.
- Meyers, E., Walker, A., Fugelsang, J., & Koehler, D. (2019, June). *Reducing the number of nonnaïve participants in your mechanical turk samples*. Poster presented at the 60th annual meeting of The Psychonomic Society, Montreal, QC.
- Stange, M., Walker, A., Fugelsang, J., Koehler, D., & Dixon, M. (2019, June). *Information format, decision making, and individual differences in scratch card gambling*. Poster presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.
- Assadourian, G., Walker, A., Turpin, M., Meyers, E., Stolz, J., Koehler, D., & Fugelsang, J. (2019, June). *Ambiguity as a driving factor of the effectiveness of doublespeak*. Poster presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.
- Walker, A., Turpin, M., Meyers, E., Assadourian, G., Stolz, J., Koehler, D., & Fugelsang, J. (2019, June). *The good, the bad, and the manipulative: An initial investigation into the effectiveness of doublespeak*. Paper presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.
- Turpin, M., Meyers, E., Walker, A., Fugelsang, J., Stolz, J., & Koehler, D. (2019, June). *The environmental malleability of base rate neglect*. Paper presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.

- Bialek, M., Meyers, E., Fugelsang, J., Koehler, D., & Friedman, O. (2019, June). *Sunk-cost in moral decisions*. Paper presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.
- Meyers, E., Turpin, M., Bialek, M., Fugelsang, J., & Koehler, D. (2019, June). *Inducing feelings of ignorance makes people more receptive to expert (economist) opinion*. Paper presented at the 29th annual meeting of The Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.
- Meyers, E. A., Turpin M. H., Bialek M., Fugelsang J. A., & Koehler D. J (2018, November). *What does an expert know that I don't? Undermining an illusion of knowledge increases the influence of experts*. Talk presented (by Meyers) at the Annual Meeting of the Society for Judgment and Decision Making, New Orleans, LA, USA.
- Koehler, D. J. & Pennycook, G. (2018, May). *Perceived Advancement of Knowledge via Scientific Studies With Conflicting Results*. Talk presented at the International Meeting of the Psychonomic Society, Amsterdam, Netherlands.
- Koehler, D. J. & Pennycook, G. (2018, May). *Scientific Studies with Conflicting Results Are Not Perceived to Advance Knowledge*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Ontario, Canada.
- Koehler, D. J. (2017, September). *Public perception of expert (dis)agreement*. Talk presented at the Behavioral Science and Policy Association annual conference, New York City, NY, USA.
- Koehler, D. J. (2016, June). *Can journalistic "false balance" distort public perception of consensus in expert opinion?* Talk presented at the Behavioral Decision Research in Management Conference, Toronto, ON, Canada.
- Koehler, D. J. (2015, November). *Can journalistic "false balance" distort public perception of consensus in expert opinion?* Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, IL, USA.
- Koehler, D. J. (2015, August). *Can journalistic "false balance" distort public perception of consensus in expert opinion?* Talk presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-25), Budapest, Hungary.
- Koehler, D. J. (2015, June). *Can journalistic "false balance" distort public perception of consensus in expert opinion?* Talk presented at the Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Ottawa, Ontario, Canada.
- Koehler, D. J. (2015, May). *Can "false balance" distort public perception of consensus in expert opinion?* Talk presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Ontario, Canada.
- Koehler, D. J., & Massey, C. (2014, July). *Over-persistence in goal pursuit under uncertainty*. Talk presented at the Behavioral Decision Research in Management Conference, London, United Kingdom.
- Koehler, D. J., Poon, C. S. K., & Buehler, R. (2013, November). *On the psychology of self-prediction: How potential obstacles are, and are not, considered when people predict their future behavior*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Toronto, Ontario, Canada.
- Moher, E., & Koehler, D. J. (2012, November). *Unpacking effects on task-completion time estimates are larger for near- than for distant-future events*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Minneapolis, Minnesota, USA.
- Koehler, D. J., & Massey, C. (2012, October). *Opportunity cost neglect in goal pursuit under uncertainty*. Symposium talk presented at the North American Meeting of the Association for Consumer Research, Vancouver, British Columbia, Canada.

- Koehler, D. J., & Massey, C. (2011, November). *Pressing on or giving up: Goal pursuit under uncertainty*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Seattle, Washington, USA.
- Koehler, D. J., Brenner, L. A., & Griffin, D. (2011, May). *Case-based biases in pricing of uncertain assets*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Ontario, Canada.
- Koehler, D. J., Massey, C., & Moreland, R. (2010, May). *Optimal persistence: Sensitivity to progress feedback in a sequential goal-pursuit task*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Ontario, Canada.
- Koehler, D. J., & James, G. (2009, November). *Probability matching in choice under uncertainty: Intuition versus deliberation*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Boston, Massachusetts, USA.
- Koehler, D. J., & James, G. (2009, May). *Probability matching in choice under uncertainty: Intuition versus deliberation*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, St. Catharines, Ontario, Canada.
- Koehler, D. J., White, R. J., & John, L. K. (2007, November). *The price of good intentions*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Long Beach, California, USA.
- Koehler, D. J., & Poon, C. S. K. (2006, May). *Self-predictions and the intention-action gap*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Ontario, Canada.
- Koehler, D. J., & Poon, C. S. K. (2005, November). *Self-predictions overweight strength of current intentions*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Toronto, Ontario, Canada.
- Brenner, L. A., Griffin, D., & Koehler, D. J. (2005, September). *Case-based biases in asset pricing*. Talk presented at the North American Meeting of the Economic Science Association, Tucson, Arizona, USA.
- Koehler, D. J., Brenner, L. A., & Griffin, D. (2005, April). *Calibration of experience-based probability and pricing judgments*. Symposium talk presented at the Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), Montreal, Quebec, Canada.
- Koehler, D. J., Brenner, L. A., & Griffin, D. (2005, April). *Calibration of experience-based probability and pricing judgments*. Talk presented at the Southern Ontario Behavioural Decision Research Conference, Waterloo, Ontario, Canada.
- Koehler, D. J., & Poon, C. S. K. (2004, April). *Self-predictions overweight strength of current intentions*. Talk presented at the Behavioral Decision Research in Management Biennial Meeting, Duke University, Durham, North Carolina, USA.
- Koehler, D. J., & Poon, C. S. K. (2003, August). *Self-prediction based on strength of intention*. Talk presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-19), Zurich, Switzerland.
- Brenner, L. A., Griffin, D., & Koehler, D. J. (2003, August). *The calibration of probabilities inferred from pricing judgments*. Talk presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-19), Zurich, Switzerland.
- Koehler, D. J., & White, C. M. (2002, May). *Assessing evidential support from experience in an uncertain environment*. Talk presented at the Behavioral Decision Research in Management Biennial Meeting, Chicago, Illinois, USA.

- Koehler, D. J., White, C. M., & Grondin, R. (2001, November). *An evidential support accumulation model of subjective probability*. Talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Orlando, Florida, USA.
- Koehler, D. J., White, C. M., & Grondin, R. (2001, June). *An evidential support accumulation model of probability judgment*. Symposium talk presented at the 13th Annual American Psychological Society Convention, Toronto, Ontario, Canada.
- Brenner, L. A., Griffin, D., & Koehler, D. J. (2000, October). *Random support theory: A flexible approach to modeling the calibration of subjective probabilities*. Symposium talk presented at ACR (Association for Consumer Research) 2000, Salt Lake City, Utah, USA.
- Koehler, D. J., Griffin, D., & Brenner, L. A. (2000, May). *Contrasting models of calibration in the laboratory*. Symposium talk presented at the Behavioral Decision Research in Management Biennial Meeting, Tucson, Arizona, USA.
- Koehler, D. J. (1999, August). *Conflict-based subadditive probability judgments in classification learning*. Symposium talk presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-17), Mannheim, Germany.
- Koehler, D. J. (1998, November). *Unintended influence of exposure to another's hypotheses on confidence and the generation of alternative hypotheses*. Symposium talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Dallas, Texas, USA.
- Koehler, D. J. (1998, August). *Probability judgment in three-category classification learning*. Talk presented at the 20th Annual Conference of the Cognitive Science Society, Madison, Wisconsin, USA.
- Koehler, D. J. (1997, August). *The enhancement effect in perceptual judgment*. Workshop paper presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-16), Leeds, United Kingdom.
- Koehler, D. J., & Brenner, L. A. (1996, November). *The enhancement effect in probability judgment*. Symposium talk presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, Illinois, USA.
- Koehler, D. J. (1996, November). *Probability judgment in three-category classification learning*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, Illinois, USA.
- Koehler, D. J., & Harvey, N. (1995, August). *Confidence judgments by actors and observers*. Symposium talk presented at the European Association of Decision Making's bi-annual conference on Subjective Probability, Utility, and Decision Making (SPUDM-15), Jerusalem, Israel.
- Koehler, D. J., & Tversky, A. (1994, November). *How and how well do basketball fans predict game outcomes?* Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, St. Louis, Missouri, USA.
- Koehler, D. J. (1992, June). *Generating your own hypothesis makes you less confident it's true*. Poster presented at the 4th Annual American Psychological Society Convention, San Diego, California, USA.
- Brenner, L. A., Koehler, D. J., & Tversky, A. (1991, November). *Evaluating one-sided evidence*. Symposium talk presented at the Annual Meeting of the Society for Judgment and Decision Making, San Francisco, California, USA.
- Koehler, D. J., Brenner, L. A., & Tversky, A. (1991, November). *Predicting traits and preferences*. Symposium talk presented at the Annual Meeting of the Society for Judgment and Decision Making, San Francisco, California, USA.

INVITED PRESENTATIONS

- April 2021: Panelist, Data Colada Seminar Series (online), Berkeley, California, USA.
- February 2021: International Conference on Misinformation and Fake News (online), Centre for Greater China Studies and School of Communication, Hang Seng University of Hong Kong.
- September 2019: Panelist, BEworks Summit for Behavioural Science in Business, Toronto, Ontario, Canada.
- October 2018: Panelist, Urban Thinkers Campus on Behaviour Change for Sustainable Cities, University of Waterloo.
- August 2017: Panelist, City of Tomorrow Symposium, Ford Motor Company, San Francisco, CA, USA.
- June 2017: Public Face of Science Workshop, American Academy of Arts and Sciences, Cambridge, MA, USA.
- October 2016: Decision Processes Seminar, Wharton School of Business, University of Pennsylvania, Philadelphia, Pennsylvania, USA.
- November 2015: Human Factors Group, Systems Design Engineering, University of Waterloo.
- October 2014: BDMG Colloquium, Anderson School of Business, UCLA, Los Angeles, California, USA.
- October 2013: Opening Plenary Address, National CPD Accreditation Conference, Royal College of Physicians and Surgeons of Canada and The College of Family Physicians of Canada, Ottawa, Ontario, Canada.
- December 2010: BDMG Colloquium, Anderson School of Business, UCLA, Los Angeles, California, USA.
- November 2009: Decision Processes Seminar, Wharton School of Business, University of Pennsylvania, Philadelphia, Pennsylvania, USA.
- October 2009: Center for Decision Research Seminar, Booth School of Business, University of Chicago, Chicago, Illinois, USA.
- September 2009: Decision Making Seminar, McCombs School of Business, University of Texas, Austin, Texas, USA.
- October 2008: Organizational Behavior seminar, Department of Management Sciences, University of Waterloo.
- April 2007: Social psychology seminar, Department of Psychology, Indiana University, Bloomington, Indiana, USA.
- June 2006: Invitational conference on "Advice and Trust in Decision Making," ESRC Centre for Economic Learning and Social Evolution, University College London, London, UK.
- April 2006: Organizational Behavior seminar, Yale School of Management, Yale University, New Haven, Connecticut, USA.
- April 2006: Artificial Intelligence seminar, Department of Computer Science, University of Waterloo.
- September 2005: Center for Behavioral Decision Research seminar, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA.
- June 2004: Exploratory workshop on "Designing the Canadian Blood System of Tomorrow," Peter Wall Institute for Advanced Studies, University of British Columbia, Vancouver, Canada.
- September 2003: Behavioral finance presentation for financial advisors, Manulife Financial Investment Forum, Toronto, Ontario, Canada.
- May 2003: Behavioral finance presentation for financial product wholesalers, Manulife Financial National Sales Conference, Waterloo, Ontario, Canada.
- March 2003: Behavioral finance presentation for financial advisors, sponsored by Manulife Financial, Stoney Creek, Ontario, Canada.
- March 2003: Marketing workshop, Rotman School of Management, University of Toronto, Toronto, Ontario, Canada.

- February 2003: Management seminar, Fuqua School of Business, Duke University, Durham, North Carolina, USA.
- October 2002: Behavioral finance presentation for investors, sponsored by National Bank Financial, Waterloo, Ontario, Canada.
- May 2002: Stanford-Berkeley-Davis-Santa Clara Marketing Colloquium (discussant), Santa Clara University, Santa Clara, California, USA.
- May 2002: Third Heidelberg Meeting on Judgment and Decision Processes (“Information Sampling as a Key to Understanding Adaptive Cognition in an Uncertain Environment”), sponsored by the German Science Foundation, University of Heidelberg, Heidelberg, Germany.
- April 2002: Behavioral decision making seminar, Anderson School of Management, UCLA, Los Angeles, California, USA.
- April 2002: Symbolic systems forum, Stanford University, Stanford, California, USA.
- March 2002: Marketing seminar, Fuqua School of Business, Duke University, Durham, North Carolina, USA.
- March 2002: Marketing research seminar, Graduate School of Business, University of Chicago, Chicago, Illinois, USA.
- January 2002: Marketing research seminar, Graduate School of Business, Stanford University, Stanford, California, USA.
- March 2001: 10th Annual Winter Research Retreat, Warrington College of Business Administration, University of Florida, Gainesville, Florida, USA.
- March 2001: Behavioral research seminar, School of Accountancy, University of Waterloo, Waterloo, Ontario, Canada.
- October 1999: Behavioral Economics and Decision Research Workshop, Johnson Graduate School of Management, Cornell University, Ithaca, New York, USA.
- October 1999: Cognition research seminar, McMaster University, Hamilton, Ontario, Canada.
- April 1999: Cognition and perception seminar, University of Toronto, Scarborough, Ontario, Canada.
- November 1996: Economics seminar, Department of Economics, University of Waterloo, Waterloo, Ontario, Canada.
- October 1995: Cognition research seminar, McMaster University, Hamilton, Ontario, Canada.
- March 1994: Psychology Department seminar, University College London, United Kingdom.

COURSES TAUGHT

Basic Data Analysis (Introduction to Statistics for Psychological Research)
 Psychology of Economic Decisions (Undergraduate Honours Seminar)
 Research in Cognition and Perception (Undergraduate Lab Methods Course)
 Problem Solving, Judgment, and Decision Making (Graduate Seminar)
 Thinking and Deciding (Introduction to Judgment and Decision Making)
 Modelling Cognitive Processes (Graduate Seminar)

STUDENT RESEARCH SUPERVISION

PhD:

Alexander Walker (in progress; co-supervised with Jonathan Fugelsang)
 Ethan Meyers (in progress; co-supervised with Jonathan Fugelsang)
 Greta James (2018; co-supervised with Dan Smilek)
 Gordon Pennycook (2016; co-supervised with Jonathan Fugelsang)
 Amanda Wudarszewski (2014; co-supervised with Abigail Scholer)
 Nadia Martin (2013; co-supervised with Jonathan Fugelsang)

Ester Moher (2012)
Chris White (2005)
Connie Poon (2001)

MA:

Hamza Tariq (in progress; co-supervised with Jonathan Fugelsang)
Alexandra Van Der Valk (in progress; co-supervised with Jonathan Fugelsang)
Ethan Meyers (2019; co-supervised with Jonathan Fugelsang)
Alexander Walker (2017; co-supervised with Jonathan Fugelsang)
Gordon Pennycook (2011; co-supervised with Jonathan Fugelsang)
Jesse Langstaff (2011)
Amanda Wudarszewski (2011)
Greta James (2011)
Ester Moher (2009)
Mike Yeomans (2009)
Jason Ozubko (2008; co-supervised with Jonathan Fugelsang)
Chris White (2002)
Carla Colle (2000)
Gurjit Singh (2000)

MASc:

Roy King (1998)

Undergraduate Honours Theses:

Joshua Budge (in progress; ; co-supervised with Jonathan Fugelsang)
Faarea Syed (2022)
Zuleykha Gasimova (2021; co-supervised with Jonathan Fugelsang)
Nick Gold (2019)
Connor Gaspar (2018; co-supervised with Jonathan Fugelsang)
Scott Carere (2018; co-supervised with Jonathan Fugelsang)
Priyanka Thakkar (2017)
Ethan Meyers (2017)
Hillary Parent (2016)
Wu-Qi Liu (2013)
Chantal Jandard (2013)
Max Palamar (2011)
Cory Tam (2011)
Kristen Blackler (2009)
Robert Moreland (2009)
Annie Li (2007)
Leslie John (2006)
Archie Leung (2005)
Naseem Al-Aidroos (2004; UW Psychology Thesis Award)
Kurt Gray (2003)
Holly Fraser (2001)
Peter Badovsky (1999)
Sara Wahl (1998)
Shawn McCloskey (1998)
Sean Malloy (1997)
Alexandra Beauregard (1997; UW Psychology Thesis Award)

Undergraduate Research Awards (NSERC):

Ethan Meyers (2016, 2017)
Cory Tam (2011)
Greta James (2008)
Eva Adam (2003)
Brandon Wagar (2001)

Ray Grondin (2000)
Cam Ngo (2000)

UW PhD Committee Member:

Shane Littrell (2021)
Jacqueline Csonka-Peeren (2021; Management Sciences)
Ahmad Tanehkar (2018; Management Sciences)
Tim Dunn (2017)
Candice Graydon (2017)
Ada Hurst (2015; Management Sciences)
Adam Presslee (2013; Accounting and Finance)
Omar Khan (2013; Computer Science)
Steph Solcz (2011)
Leslie Berger (2009; Accounting and Finance)
Gordon Adomdza (2008; Management Sciences)
Lee Markowitz (2007)
Natalia Derbentseva (2007; Management Sciences)
Guoping Liu (2006; Accountancy)
Karen Menard (2005)
Greg Berberich (2005; Accountancy)
Tom Schweizer (2004)
Carolyn Plourde (1999)
Susan McCracken (1998; Accountancy)

UW MA Thesis Reader:

April Pereira (2021)
Mona Zhu (2016)
Merrick Levene (2013)
Alex Filipowicz (2012)
Candice Jensen (2011)
Jonathan Aycan (2010; Management Sciences)
Nadia Martin (2008)
Stephanie Solcz (2008)
Yukari Enomoto (MAsc 2006; Systems Design Engineering)
Nigel Gopie (2005)
Imran Ansari (2005)
Karl Borgmann (2005)
Martin Lochner (2005)
Roy Ferguson (2004)
Chris Sarkar (2003)
Chris Blais (2002)
Kate White (2000)
Steve Smith (2000)
Mark Fenske (1998)
Brenna Homeniuk (1998)

External Examiner/Appraiser

Scott Leith (PhD 2015; Wilfrid Laurier University)
Nicole Robitaille (PhD 2014; University of Toronto)
Melinda Morgan (PhD 2012; University of Ottawa)
Xiuping Li (PhD 2006; University of Toronto)
Kent Lam (MA 2004; Wilfrid Laurier University)
Bruce Moulton (PhD 2001; University of New South Wales)