

David M. Sidhu, PhD

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PUBLICATIONS

- Sidhu, D. M.**, Pexman, P. M., & Saint-Aubin. (2019). Is un stylo sharper than une épée? Investigating the interaction of sound symbolism and grammatical gender in English and French speakers. *PLOS ONE*. doi: 10.1371/journal.pone.0225623
- Muraki, E., **Sidhu, D. M.**, & Pexman, P. M. (2019). Mapping semantic space: Property norms and semantic richness. *Cognitive Processing*. doi:10.1007/s10339-019-00933-y
- Sidhu, D. M.**, Vigliocco, G., & Pexman, P. M. (2019). Effects of iconicity in lexical decision. *Language and Cognition*. doi: 10.1017/langcog.2019.36
- Sidhu, D. M.**, Deschamps, K., Bourdage, J., & Pexman, P.M. (2019). Does the name say it all? Investigating phoneme-personality sound symbolism in first names. *Journal of Experimental Psychology: General*. doi:10.1037/xge0000662
- Sidhu, D. M.**, & Pexman, P. M. (2019). The sound symbolism of names. *Current Directions in Psychological Science*, 28, 398-402.
- Lund, T., **Sidhu, D. M.**, & Pexman, P. M. (2019). Sensitivity to emotion information in children's lexical processing. *Cognition*, 190, 61-71.
- Friesen, J. P., Kawakami, K., Vingilis-Jaremko, L., Caprara, R., **Sidhu, D. M.**, Williams, A., Hugenberg, K., Rodriguez-Bailon, R., Canadas, E., & Niedenthal, P. (2019). Gateways to the soul: The role of race and attention to the eyes in differentiating between true and false smiles. *Journal of Experimental Psychology: Social Psychology*. doi: 10.1037/pspa0000139
- Pexman, P. M., Muraki, E., **Sidhu, D. M.**, Siakaluk, P. D., & Yap, M. J. (2018). Quantifying sensorimotor experience: Body-object interaction ratings for more than 9,000 English words. *Behavior Research Methods*, 51, 453-466.
- Sidhu, D. M.**, McDougall, K. H., Jalava, S. T., & Bodner, G. E. (2018). Prediction of beauty and liking ratings for abstract and representational paintings using subjective and objective measures. *PloS ONE*, 13: e0200431. doi: 10.1371/journal.pone.0200431
- Zdrzilova, L., **Sidhu, D. M.**, & Pexman, P. M. (2018). Communicating abstract meaning: concepts revealed in words and gestures. *Phil. Trans. R. Soc. B*, 373, 20170138. doi:10.1098/rstb.2017.0138

- Westbury, C., Hollis, G., **Sidhu, D. M.**, & Pexman, P. M. (2018). Weighing up the evidence for sound symbolism: Distributional properties predict cue strength. *Journal of Memory and Language*, *99*, 122-150. doi:10.1016/j.jml.2017.09.006
- Sidhu, D. M.**, & Pexman, P. M. (2018). Five mechanisms of sound symbolic association. *Psychonomic Bulletin & Review*, *25*, 1619-1643. doi:10.3758/s13423-017-1361-1
- Sidhu, D. M.**, & Pexman, P. M. (2018). Lonely sensational icons: Semantic neighbourhood density, sensory experience and iconicity. *Language, Cognition and Neuroscience*, *33*, 25-31. doi:10.1080/23273798.2017.1358379
- Sidhu, D. M.**, & Pexman, P. M. (2017). A Prime Example of the Maluma/Takete Effect? Testing for Sound-Symbolic Priming. *Cognitive Science*, *41*, 1948-1987. doi:10.1111/cogs.12438
- Siakaluk, P., Newcombe, I., Duffels, B., Li, E., **Sidhu, D. M.**, Yap, M. J., & Pexman, P. M. (2016). Effects of emotional experience in lexical decision. *Frontiers in Psychology*, *7*. doi:10.3389/fpsyg.2016.01157
- Sidhu, D. M.**, Heard, A., & Pexman, P. M. (2016). Is more always better? Semantic richness effects and verb meaning. *Frontiers in Psychology*, *7*. doi:10.3389/fpsyg.2016.00798
- Sidhu, D. M.**, & Pexman, P. M. (2016). Is moving more memorable than proving? Effects of embodiment and imagined enactment on verb memory. *Frontiers in Psychology*, *7*. doi: 10.3389/fpsyg.2016.01010
- Sidhu, D. M.**, Pexman, P. M., & Saint-Aubin, J. (2016). From the Bob/Kirk effect to the Benoit/Éric effect: Testing the mechanism of name sound symbolism in two languages. *Acta Psychologica*, *169*, 88-99.
- Sidhu, D. M.** & Pexman, P. M. (2015). What's in a name? The effects of sound symbolism in first names. *PLoS ONE*, *10*: e0126809. doi: 10.1371/journal.pone.0126809
- Moffat, M., Siakaluk, P. D., **Sidhu, D. M.**, & Pexman, P. M. (2014). Situated conceptualization and semantic processing: Effects of emotional experience and context availability in verbal semantic categorization and naming tasks. *Psychonomic Bulletin & Review*, *22*, 408-419.
- Kawakami, K., Williams, A., **Sidhu, D.**, Vilaythong, O., Choma, B. L., Rodriguez-Bailón, R., Cañadas, E., & Hugenberg, K. (2014). An eye for the I: Preferential attention to the eyes of ingroup members. *Journal of Personality and Social Psychology*, *107*, 1-20.
- Sidhu, D. M.**, Kwan, R., Pexman, P. M., & Siakaluk, P. D. (2014). Effects of relative embodiment in lexical and semantic processing of verbs. *Acta Psychologica*, *149*, 32–39.

MANUSCRIPTS IN PROGRESS

- Lee, K., **Sidhu, D. M.**, & Pexman, P. M. (in review). Teaching sarcasm: Evaluating metapragmatic training for typically-developing children. *In review at Canadian Journal of Experimental Psychology*.
- Muraki, E. J., **Sidhu, D. M.**, & Pexman, P. M. (in review). Heterogenous abstract concepts: How is “think” different than “dissolve”? *In review at Psychological Research*.

Sidhu, D. M., Westbury, C., Hollis, G., & Pexman, P. M. (in review). Quantifying shape sound symbolism in English. *In review at Psychological Science*.

Athanasopoulou, A., **Sidhu, D. M.**, Archer, S., Czarnecki, N., Curtin, S., & Pexman, P. M. (in prep). A longitudinal study of sound symbolism in infants.

Kim, J., **Sidhu, D. M.**, & Pexman, P. M. (in prep). Exploring embodiment in children's lexical development.

Pexman, P. M., **Sidhu, D. M.**, Athanasopoulou, A., Archer, S., Czarnecki, N., & Curtin, S. (in prep). Investigating the role of experience in the acquisition of shape sound symbolism.

Sidhu, D. M., Williamson, J., Slavova, V., & Pexman, P. M. (in prep). Sound symbolism in the speech of young infants.

Sidhu, D. M., & Pexman, P. M. (in prep). Questions in sound symbolism research.

PRESENTATIONS

CONFERENCE TALKS

* - Invited Speaker

***Sidhu, D. M.** (November, 2019). *Investigations of Sound Symbolism and Iconicity*. Talk presented at the Psychonomics pre-conference Language Science: The Next Generation symposium, Montreal QC.

***Sidhu, D. M.** & Pexman, P. M. (June, 2018). *Mechanisms of Sound Symbolism*. Talk presented at the annual meeting of the International Multisensory Research Forum.

***Sidhu, D. M.** & Pexman, P. M. (2017, July). *What kinds of meanings are iconic? Effects of semantic neighbourhoods and sensory experience on iconicity ratings*. Talk presented at the Iconicity Focus Group Workshop, Nijmegen, The Netherlands.

Sidhu, D. M. & Pexman, P. M. (2017, June). *Move it or lose (memory of) it: The effects of verb embodiment on memory*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences, Regina, SK.

Sidhu, D. M. & Pexman, P. M. (2017, June). *What's so special about balloons? Factors that predict the iconicity of concepts' word forms*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences, Regina, SK.

Sidhu, D. M., Pexman, P. M., Saint-Aubin, J. (2016, November). *Are grammatical gender and sound symbolism cues to shape?* Talk presented at the annual meeting of the Psychonomics Society, Boston, MA.

Sidhu, D. M. & Pexman, P. M. (2016, June). *Embodied sound symbolism: The Ogo/Oho Effect*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences, Ottawa, ON.

Sidhu, D. M. & Pexman, P. M. (2014, August). *Grasping the understanding is grasping metaphor*. Talk presented at the annual Embodied and Situated Language Processing meeting, Rotterdam, The Netherlands.

Pexman, P.M. & **Sidhu, D. M.** (2014, July). *Beyond the Bouba/Kiki Effect: The Bob/Kirk Effect*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences, Toronto, ON.

Sidhu, D. M. & Pexman, P. M. (2013, June). *Tongue tied: Inhibiting articulation reduces the Bouba/Kiki Effect*. Talk presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences, Calgary, AB.

POSTER PRESENTATIONS

Sidhu, D. M., Westbury, C., Hollis, G., & Pexman, P. M. (2019, November). *Does sound symbolism shape the lexicon? Maluma/takete gets real*. Poster presented at the annual meeting of the Psychonomics Society, Montreal, QC.

Sidhu, D. M., Athanasopoulou, A., Archer, S. L., Curtin, P., & Pexman, P. M. (2018, November). *Investigating infant sensitivity to sound symbolism*. Poster presented at the annual meeting of the Psychonomics Society, New Orleans, LA.

Sidhu, D. M. & Pexman, P. M. (2018, May). *Shared connotations as a mechanism for sound symbolism*. Poster presented at the international meeting of the Psychonomics Society, Amsterdam, The Netherlands.

Sidhu, D. M., Deschamps, K, Bourdage, J., & Pexman, P. M. (2017, November). *Name sound symbolism: Associations between phonemes and personality*. Poster presented at the annual meeting of the Psychonomics Society, Vancouver, BC.

Sidhu, D. M., Pexman, P. M., & Saint-Aubin, J. (2016, June). *Is un stylo sharper than une épée? Associations between grammatical gender and shape*. Poster presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences in Ottawa, ON

Sidhu, D. M., Bodner, G. E., & Pexman, P. M. (2016, June). *Our participants get “high on meaning”! Subjective meaningfulness effects in classification and lexical decision tasks*. Poster presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences in Ottawa, ON

McDougall, K. H., Bodner, G. E., & **Sidhu, D. M.** (2016, May). *Same beholder, different beauty: Preference reversals for pairs of paintings*. Poster presented at the annual Northwestern Cognition and Memory Conference, in Vancouver, AB.

Sidhu, D. M., Pexman, P. M., & Saint-Aubin, J. (2016, April). *Une round and un sharp: Grammatical gender and shape associations*. Poster presented at the Banff Annual Seminar in Cognitive Science, Banff, AB

Sidhu, D. M., Saint-Aubin, J., & Pexman, P. M. (2015, November). *Sound symbolism in French and English first names*. Poster presented at the annual meeting of the Psychonomic Society in Ottawa, ON.

Sidhu, D. M. & Pexman, P. M. (2015, July). *Get a grip: Testing for generalized effects of hand posture*. Poster presented at the annual Embodied and Situated Language Processing meeting, Lyon, France.

- Sidhu, D. M.** & Pexman, P. M. (2015, July). *Arbitrariness isn't set in concrete*. Poster presented at the annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Sciences in Ottawa, ON
- Sidhu, D. M.** & Pexman, P. M. (2014, May). *Priming boubas and kikis*. Poster presented at the Banff Annual Seminar in Cognitive Science, Banff, AB
- Sidhu, D. M.** & Pexman, P. M. (2013, November). *Investigating the role of embodiment in sound symbolism*. Poster presented at the annual meeting of the Psychonomic Society in Toronto, ON.
- Siakaluk, P. D., Moffat, M., Knol., N., **Sidhu, D. M.**, & Pexman, P. M. (2013, November). *Emotion effects in visual word recognition*. Poster presented at the annual meeting of the Psychonomic Society in Toronto, ON.
- Sidhu, D. M.** & Pexman, P. M. (2013, August). *Suppressing sound symbolism: The role of embodiment in the Bouba/Kiki Effect*. Poster presented at the annual Embodied and Situated Language Processing meeting, Potsdam, Germany.
- Sidhu, D. M.**, Kwan, R., Pexman, P. M., & Siakaluk, P. D. (2013, May) *Effects of relative embodiment in lexical processing of verbs*. Poster presented at the annual Banff Annual Seminar in Cognitive Science, Banff, AB
- Villaythong, O. T., Williams, A., Kawakami, K., & **Sidhu, D.** (2012, January). *Eyes of a stranger: The impact of motivation to individuate on visual attention to other-race faces*. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
- Mitchell, R., Guindon, K., **Sidhu, D.**, & Mortazavi, S. (2011, June). *Evaluation of a child, youth, and family psychotherapy service addressing complex mental health needs within multi-stressed families: Development, implementation and preliminary findings*. Poster presented at the annual Canadian Psychological Association Convention, Toronto, ON.

OTHER PRESENTATIONS

- Sidhu, D. M.** (2017, April). *Explorations of Sound Symbolism*. Talk presented at the School of Languages, Linguistics, Literatures & Cultures Speaker Series at the University of Calgary.
- Sidhu, D. M.** (2015, March). *The Role of Embodiment in the Bouba/Kiki Effect*. Talk presented at a Board of Governors Dinner at the University of Calgary.

MEDIA APPEARANCES

- Sidhu, D. M.** (2019, August). *Danielle Smith Show*.
- Sidhu, D. M.** (2019, August). *Scott Radley Show*.
- Sidhu, D. M.** (2017, June). *CTV News*.
- Sidhu, D. M.** (2015, July). *CBC Eye Opener*.
- Sidhu, D. M.** (2015, July). *Corus Radio Calgary*.

Sidhu, D. M. (2015, April). *The Ivory Tower Podcast*.

TEACHING EXPERIENCE

INSTRUCTOR OF RECORD

Spring 2019 **Cross-Cultural Cognition (PSYC 491)**, University of Calgary

TEACHING ASSISTANTSHIPS

Fall 2015 **Psycholinguistics (PSYC 467)**, University of Calgary

Winter 2014 **Memory (PSYC 463)**, University of Calgary

Fall 2014 **Psycholinguistics (PSYC 467)**, University of Calgary

Fall 2013 **Psycholinguistics (PSYC 467)**, University of Calgary

Winter 2012 **Cognition (PSYC 365)**, University of Calgary

Fall 2012 **Cognition (PSYC 365)**, University of Calgary

WORKSHOPS

Sprint 2019 **R Workshop**, University of Calgary

TEACHING INTERESTS

Cognitive Psychology, Psycholinguistics, Statistical Methods, Research Methods, Cross-Cultural Psychology

SUPERVISORY EXPERIENCE

2018 – 2019 **Julia Kim**, Honours Thesis, University of Calgary

2015 – 2016 **Jesse Stanich**, Honours Thesis, University of Calgary

EDUCATION

2014 - 2019 University of Calgary, PhD
Area: Cognitive Psychology
Supervisor: Dr. Penny Pexman

2012 - 2014 University of Calgary, MSc
Area: Cognitive Psychology
Supervisor: Dr. Penny Pexman

2006 - 2010 York University, B.A.
Specialized Honours in Psychology
Honours Thesis Supervisor: Dr. Kerry Kawakami

HONORS AND AWARDS

GRADUATE DEGREES

2019	SSHRC PGS (\$45,000/year)
2018	Mental Lexicon Poster Recognition (\$500)
2018	Department of Psychology Research Excellence Award
2016	Department of Psychology Research Excellence Award
2016	CSBBCS Best Talk (\$500)
2016	HBI Trainee Publication Award (\$500)
2015 - 2019	AIHS Graduate Student Scholarship (\$30,000/year)
2015 - 2018	NSERC CGS D (\$35,000/year)
2014	Faculty of Graduate Studies Travel Award (\$1,500)
2014	Three Minute Thesis Talk Heat Winner
2014	Three Minute Thesis Talk Heat Audience Favourite
2014 - 2017	Eyes High Doctoral Scholarship (\$25,000/year)
2014	Queen Elizabeth II Doctoral Scholarship (\$15,000)
2013	APA Division 3 Early Career Poster Competition Finalist
2013	Queen Elizabeth II Scholarship (\$7,200)
2013	CSBBCS Best Talk Runner Up (\$100)
2013	Department of Psychology Teaching Assistant Award
2012	OGS (\$15,000 - Declined)
2012	NSERC CGS M (\$17,500)

UNDERGRADUATE DEGREE

2010	Dean's Honour Roll, B.A
2010	Graduated Summa Cum Laude
2007	NSERC Student Research Award (\$4,500)
2006	York University Entrance Scholarship (\$4,000)

RESEARCH EMPLOYMENT

2020 - Present	Postdoctoral Associate , University College London Supervisor: Dr. Gabriella Vigliocco
2019 - 2020	Postdoctoral Associate , University of Calgary Supervisors: Drs. Penny Pexman and Suzanne Curtin
2012 - 2019	Graduate Student , University of Calgary Supervisor: Dr. Penny Pexman
2011 - 2012	Research Assistant , York University Supervisor: Dr. Kerry Kawakami
2010 - 2011	Program Evaluation Assistant , Southlake Regional Hospital Child and Adolescent Mental Health Clinic Supervisor: Dr. Robin Mitchell

2009 - 2010 **Research Assistant**, York University
Supervisors: Drs. Janice Johnson and Juan Pascual-Leone

2009 - 2010 **Research Assistant**, York University
Supervisor: Dr. Kerry Kawakami

2008 **Research Assistant**, York University
Supervisor: Dr. Hiroshi Ono

PROFESSIONAL SERVICES

POSITIONS HELD

2016 - 2017 CSBBCS Associate Department Representative

2016 Cognitive Science Seminar Organizer

JOURNALS REVIEWED FOR

Behavior Research Methods, Canadian Journal of Experimental Psychology, Cognition, Developmental Psychology, Nature Scientific Reports, Social Cognition