

## David M. Sidhu, PhD

✉ dmsidhu@gmail.com

🐦 davidmsidhu

🌐 davidmsidhu.com

Research Fellow  
University College London

Updated: May 2021

### PUBLICATIONS (29)

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- Sidhu, D. M.**, & Pexman, P. M. (accepted). Implications of the “Language as Situated” view for written iconicity. [Peer commentary on “Language is far less arbitrary than one thinks: Iconicity and indexicality in real-world learning and processing” by M. Murgiano, Y. Motamedi, & G. Vigliocco]. *Journal of Cognition*.
- Sidhu, D. M.**, Westbury, C., Hollis, G., & Pexman, P. M. (2021). Sound symbolism shapes the English language: The maluma/takete effect in English nouns. *Psychonomic Bulletin & Review*. doi: 10.3758/s13423-021-01883-3
- Sidhu, D. M.**, Williamson, J., Slavova, V., & Pexman, P. M. (2021). An investigation of iconic language development in four datasets. *Journal of Child Language*. Preprint doi: 10.31234/osf.io/qv9pg
- Vinson, D., Jones, M., **Sidhu, D. M.**, Lau-Zhu, A., Santiago, J., & Vigliocco, G. (2021). Iconicity emerges and is maintained in spoken language. *Journal of Experimental Psychology: General*. doi: 10.1037/xge0001024
- Kim, J., **Sidhu, D. M.**, & Pexman, P. M. (2020). Effects of emotion and concreteness on children’s recognition memory. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2020.615041
- Muraki, E., **Sidhu, D. M.**, & Pexman, P. M. (2020). Heterogenous abstract concepts: Is "ponder" different than "dissolve"? *Psychological Research*. doi: 10.1007/s00426-020-01398-x
- Lee, K., **Sidhu, D. M.**, & Pexman, P. M. (2020). Teaching Sarcasm: Evaluating metapragmatic training for typically-developing children. *Canadian Journal of Experimental Psychology*. doi: 10.1037/cep0000228
- 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 UNDER REVIEW

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- Sidhu, D. M.**, & Pexman, P. M. (2021). *Is a boat bigger than a ship? Null results in the investigation of vowel sound symbolism on size judgments in real language*. Manuscript under review after resubmission.
- Sidhu, D. M.**, Vigliocco, G., & Pexman, P. M. (2021). *Higher order factors of sound symbolism*. Manuscript under review.

## PRESENTATIONS

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### CONFERENCE TALKS

\* - Invited Speaker

- Sidhu, D. M.**, Westbury, C., Hollis, G., & Pexman, P. M. (July, 2020). *The maluma/takete effect in English nouns*. Talk presented at the UK Cognitive Linguistics Conference, Birmingham, UK.
- \***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 Science, 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 Science, 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 Psychonomic 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 Science, 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 Science, 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 Science, Calgary, AB.

#### **POSTER PRESENTATIONS**

- Sidhu, D. M., & Vigliocco, G.** (2021, July). *Is iconic language more vivid?* Poster to be presented at the annual meeting of the Cognitive Science Society, Vienna, Austria.
- 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 Psychonomic 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 Psychonomic 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 Psychonomic 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 Psychonomic 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 Science 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 Science 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 Science 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.

## KNOWLEDGE MOBILIZATION

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### *MEDIA APPEARANCES*

**Sidhu, D. M.** (2020, June). *Linguistically Aware Podcast*.

**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*.

### *ARTICLES*

**Sidhu, D. M.** (2020, December). *Judge me by my name do you? The symbolism behind Baby Yoda's name*. The Conversation.

Pexman, P. M., & **Sidhu, D. M.** (2019, August). *Baby naming time? Here's how people judge what's in a name*. The Conversation.

**Sidhu, D. M.** (2015, December). *Science and the sounds and shapes of names*. Nameberry.

## TEACHING EXPERIENCE

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### *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 LEAD**

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

**TEACHING INTERESTS**

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

**SUPERVISORY EXPERIENCE**

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2020 – 2021                      **Eleni Pieri**, MSc Thesis, University College London

2020 – 2021                      **Jon Poh**, Honours Thesis, University College London

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

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

**POSTDOCTORAL TRAINING**

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2020 - Present                      Research Fellow, University College London  
Supervisor: Dr. Gabriella Vigliocco

2019 - 2020                      Postdoctoral Associate, University of Calgary  
Supervisors: Drs. Penny Pexman and Suzanne Curtin

**EDUCATION**

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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**

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**POSTDOCTORAL**

2019                                  Social Sciences and Humanities Research Council (SSHRC) of Canada  
Postdoctoral Fellowship (\$45,000/year)

***GRADUATE DEGREES***

2020	Canadian Psychological Association Certificate of Academic Excellence for Best Doctoral Thesis
2018	Mental Lexicon Conference Poster Recognition (\$500)
2018	Department of Psychology, UCalgary, Research Excellence Award
2016	Department of Psychology, UCalgary, Research Excellence Award
2016	Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS) D. O. Hebb Award for Best Student Talk (\$500)
2016	Hotchkiss Brain Institute Trainee Publication Award (\$500)
2015 - 2019	Alberta Innovates Health Solutions (AIHS) Graduate Student Scholarship (\$30,000/year)
2015 - 2018	Natural Sciences and Engineering Research Council (NSERC) of Canada CGS Doctoral (\$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	Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS) D. O. Hebb Award for Best Student Talk, Runner Up (\$100)
2013	Department of Psychology Teaching Assistant Award
2012	Ontario Graduate Studentship (\$15,000 - Declined)
2012	Natural Sciences and Engineering Research Council (NSERC) of Canada CGS Masters (\$17,500)

***UNDERGRADUATE DEGREE***

2010	Dean's Honour Roll, B.A
2010	Graduated Summa Cum Laude
2007	Natural Sciences and Engineering Research Council (NSERC) of Canada Undergraduate Student Research Award (\$4,500)
2006	York University Entrance Scholarship (\$4,000)

***RESEARCH EMPLOYMENT***

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2011 - 2012	<b>Research Assistant</b> , York University Supervisor: Dr. Kerry Kawakami
2010 - 2011	<b>Program Evaluation Assistant</b> , Southlake Regional Hospital Child and Adolescent Mental Health Clinic Supervisor: Dr. Robin Mitchell
2009 - 2010	<b>Research Assistant</b> , 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**

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***POSITIONS HELD***

2016 - 2017                      Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS)  
Associate Department Representative

2016                                UCalgary Cognitive Science Seminar Organizer

***JOURNALS REVIEWED FOR***

Behavior Research Methods, Canadian Journal of Experimental Psychology, Cognition, Cognitive Science, Developmental Psychology, Journal of Experimental Psychology: General, Journal of Memory and Language, Nature Scientific Reports, Social Cognition