

## David M. Sidhu, PhD

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Research Fellow  
University College London

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### PUBLICATIONS

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- Muraki, E., Sidhu, D. M., & Pexman, P. M. (in press). Heterogenous abstract concepts: Is "ponder" different than "dissolve"? *Psychological Research*.
- Kee, K., Sidhu, D. M., & Pexman, P. M. (in press). Evaluating metapragmatic training for typically-developing children. *Canadian Journal of Experimental Psychology*.
- 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.

## 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 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.** (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*.

### **TEACHING EXPERIENCE**

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#### ***INSTRUCTOR OF RECORD***

Spring 2019

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

**TEACHING ASSISTANTSHIPS**

Fall 2015	<b>Psycholinguistics (PSYC 467)</b> , University of Calgary
Winter 2014	<b>Memory (PSYC 463)</b> , University of Calgary
Fall 2014	<b>Psycholinguistics (PSYC 467)</b> , University of Calgary
Fall 2013	<b>Psycholinguistics (PSYC 467)</b> , University of Calgary
Winter 2012	<b>Cognition (PSYC 365)</b> , University of Calgary
Fall 2012	<b>Cognition (PSYC 365)</b> , University of Calgary

**WORKSHOPS**

Sprint 2019	<b>R Workshop</b> , University of Calgary
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**TEACHING INTERESTS**

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

**SUPERVISORY EXPERIENCE**

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2018 – 2019	<b>Julia Kim</b> , Honours Thesis, University of Calgary
2015 – 2016	<b>Jesse Stanich</b> , Honours Thesis, University of Calgary

**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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**GRADUATE DEGREES**

2020	CPA Certificate of Academic Excellence for Best Doctoral Thesis
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**

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2020 - Present	<b>Research Fellow</b> , University College London Supervisor: Dr. Gabriella Vigliocco
2019 - 2020	<b>Postdoctoral Associate</b> , University of Calgary Supervisors: Drs. Penny Pexman and Suzanne Curtin
2012 - 2019	<b>Graduate Student</b> , University of Calgary Supervisor: Dr. Penny Pexman
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                      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