

# Daniel Casasanto

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## **Employment**

2017- present	Associate Professor, Department of Human Development, Cornell University
2017- present	Associate Professor by Courtesy, Department of Psychology, Cornell University
2017- present	Research Associate Professor, Department of Psychology, University of Chicago, Chicago, IL
2013-2107	Assistant Professor, Department of Psychology, University of Chicago, Chicago, IL
2011-2013	Assistant Professor, Department of Psychology, The New School, New York, NY
2010-2013	Research Fellow, Donders Center for Brain, Cognition, & Behavior, Nijmegen, NL
2008-2011	Senior Scientific Staff, Neurobiology of Language Group Max Planck Institute for Psycholinguistics, Nijmegen, NL
2005-2008	NRSA Post-Doctoral Fellow, Department of Psychology, Stanford University

## **Education**

2000-2005	Ph.D. in Brain & Cognitive Sciences Massachusetts Institute of Technology
1998-2000	Nontraditional Graduate Student in Neuroscience University of Pennsylvania
1993-1996	G.P.D. in Vocal Performance Peabody Conservatory of Music, Johns Hopkins University
1988-1993	B.A. in English Literature and Vocal Performance Oberlin College and Oberlin Conservatory of Music

## **Honors and Awards**

2016	Best Article of the Year in the field of Experimental Psychology, <i>Spanish Society for Experimental Psychology</i> (in <i>Psychological Science</i> , 25(9), with J. de la Fuente, J. Santiago, A. Román, & C. Dumitrache)
2015	Early Career Award for Exceptional Research Contributions to Scientific Psychology The Psychonomic Society
2015	Robert L. Fantz Memorial Award for Young Psychologists American Psychological Association (APA)
2013	Janet Taylor Spence Award for Transformational Early Career Contributions Association for Psychological Science (APS)
2010-2018	James S. McDonnell Foundation Scholar Award
2009	Best Article of the Year Award, <i>Memory &amp; Cognition</i> (with E. Fedorenko, A. Patel, J. Winawer, & E. Gibson)
2005-2008	National Research Service Award (NRSA) Post-Doctoral Fellowship, National Institutes of Health (NIH)
2004	Walle Nauta Award for Excellence in Graduate Teaching, Department of Brain & Cognitive Sciences, MIT
2003-2005	National Science Foundation (NSF) Dissertation Improvement Award
2002-2003	Vivian Smith Advanced Studies Institute of the International Neuropsychological Society (INS), Fellowship
2001	Philip M. Rennick Award for Outstanding Scientific Contribution by a Graduate Student or Post-Doctoral Fellow (best paper award). International Neuropsychological Society (INS)
2000-2003	National Science Foundation (NSF) Graduate Research Fellowship

## **Grants**

- 2020 Weill Cornell Medicine CTSC Pilot Award, *Transcranial Direct Current Stimulation treatment for depression*  
**PI**, (\$100,000, pending)
- 2019-2022 Spanish Ministry of Science (GC2018-096096-B-I00), *The Role of the Motor System in Language Comprehension*, Co-PI with Julio Santiago (\$74,449.)
- 2019 National Science Foundation (NSF) Program in Education and Human Resources, *Collaborative research: The role of language in building large exact number competence*, **PI**, (\$661,265, pending)
- 2018-2020 Institute of Social Sciences, Cornell University, *Revolutionizing assessment of children's early numerical abilities with portable EEG*, **Sole PI**, (\$6,000.)
- 2014-2019 Ford Motor Company Fund, Community Grants Program (#10001694)  
*Pathways to STEM Careers* (\$30,000.) **Sole PI**.
- 2010-2018 James S. McDonnell Foundation Scholar Award (#220020236)  
*How experience shapes the mind: Roles of language, culture, and body*, **Sole PI**, (\$600,000.)
- 2013-2017 National Science Foundation (NSF) Program in Perception, Action, and Cognition / Cog Neuro (#1257101)  
*How motor action shapes emotion in the brain*, **Sole PI**, (\$465,268.)
- 2017 Big Ideas Generator, The John Templeton Foundation / University of Chicago  
*EEG assessment of the approximate number system*, **PI**, Co-PIs S. Goldin-Meadow, E. Vogel (\$20,000.)
- 2016 Grossman Institute for Neuroscience, Quantitative Biology and Human Behavior, Shared Equipment Award  
*Transcranial Magnetic Stimulation (TMS) Device*, **PI**, Co-PI David Gallo (\$78,900.)
- 2016 General de Investigación Científica y Técnica, *Temporal thought: relation to attention, space, emotion and decision making across individuals, cultures, and religions*. Co-PI with Julio Santiago (\$38,580.)
- 2014-2015 Big Ideas Generator, Seed Award, The John Templeton Foundation / University of Chicago  
*How language transforms mind and world*, **PI**, Co-PI Susan Goldin-Meadow (\$10,000.)
- 2013-2015 Spanish Ministry of Economy and Competitiveness, Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica (PSI2012-32464). Co-PIs Julio Santiago, Gabriella Vigliocco, Abderrahman El Fathi  
*Grounding concepts in experience: Iconicity in spoken, signed, and written language* (\$78,109.)
- 2010-2014 Consejería de Innovación, Ciencia y Empresa, Junta de Andalucía and the European Regional Development Fund (P09-SEJ-4772), Co-PI with Julio Santiago.  
*Conceptual metaphors: Language, thought and brain*. (\$210,000.)
- 2006-2009 Spanish Ministry of Education and Science (SEJ2006-04732/PSIC), Co-PI with Julio Santiago.  
*Conceptual metaphors: Psychological reality, flexibility and neural bases*. (\$111,000.)
- 2005-2008 National Research Service Award (NRSA) Post-Doctoral Fellowship  
*Perceptual basis of concept formation*  
Sponsoring Institution: Stanford University
- 2003-2005 National Science Foundation (NSF) Dissertation Award  
*Perceptual foundations of abstract thought*  
Sponsoring Institution: Massachusetts Institute of Technology
- 2000-2003 National Science Foundation (NSF) Graduate Fellowship  
*Association and discrimination during conceptual combination*  
Sponsoring Institution: Massachusetts Institute of Technology

## **Editorial Service**

- 2019-Present Ad hoc Editor, *Proceedings of the National Academy of Science*
- 2019-Present Associate Editor, *Scientific Reports*
- 2018-Present Academic Editor, *PLoS ONE*
- 2015- 2020 Associate Editor, *Frontiers in Neuroscience*, Frontiers.org
- 2012- 2020 Associate Editor, *Frontiers in Psychology*, Frontiers.org

2007-2017 General Editor, *Language and Cognition*, Cambridge University Press

2013-2014 Associate Editor, *Cognitive Processing*, Springer International

### **Editorial Boards**

#### **Journals:**

2020-Present Consulting Editor, *Psychonomic Bulletin and Review*

2012-2019 Editorial board, *Psychological Science*.

2010-2020 Editorial board, *Discourse Processes*.

2012-2015 Consultant Editor, *Archives in Scientific Psychology* (the APA's open access journal)

2009-2017 Consultant Editor, *Journal of Experimental Psychology: General*.

#### **Book Series:**

2015-Present Editorial board, *Figurative Thought and Language*, John Benjamins.

2010-Present Editorial board, *Metaphor in Language, Cognition, and Communication*, John Benjamins.

### **Dissertation**

**Casasanto, D.** (2005). *Perceptual foundations of abstract thought*. (Doctoral dissertation). Department of Brain and Cognitive Sciences, MIT, Cambridge, MA.

### **Submitted Articles** (\*Casasanto's (co-) advisee is first author; †Casasanto is PI)

Callizo, C., Tutnjević, S., Pandza M., Ouellet, M., Lavalley, J., Kranjec, A., Ilić, S., Göksun, T., Chahboun, S., **Casasanto D.**, & Santiago J. (submitted) A cross-cultural principle of spatializing time.

\*†Brookshire, G., & **Casasanto, D.** (submitted). Cortical resonance to non-isochronous sequences.

\*†Brookshire, G. & **Casasanto, D.** (submitted). Associative networks use grammatical categories to generalize beyond the input.

\*†Pitt, B. & **Casasanto, D.** (in revision). Spatial metaphors and the design of everyday things. *Cognitive Research, Principles and Implications*.

†**Casasanto, D.**, Staum Casasanto, L., Gijssels, T. & Hagoort, P. (in revision). The reverse chameleon effect: Negative social consequences of motor mimicry. *Frontiers in Psychology*.

Escámez, O, **Casasanto, D.**, Vigliocco, G., & Santiago, J. (in revision). Action and abstraction: Motor interference changes meaning. *Psychological Science*.

\*†Lucero, C., Brookshire, G., Bottini, R., Goldin-Meadow, S., Vogel, E., & **Casasanto, D.** (in revision). Unconscious number discrimination in the human visual system. *Cerebral Cortex*.

†**Casasanto, D.**, Fotakopoulou, O., Pita, R., & Boroditsky, L. (in revision). The long and small of it: Duration estimation in speakers of English and Greek. *Cognition*.

Callizo, C., Tutnjević, S., Pandza M., Ouellet, M., Lavalley, J., Kranjec, A., Ilić, S., Göksun, T., Chahboun, S., **Casasanto D.**, & Santiago J. (in revision) Religiosity shapes spatial conceptions of time. *Cognition*.

### **Peer-Reviewed Journal Articles and Book Chapters (N=90)** (\*Casasanto's (co-) advisee is first author; †Casasanto is PI)

†**Casasanto, D.** (invited). Metaphors without language. *Trends in Cognitive Sciences*.

**Casasanto, D.** (in press). Spatial metaphors in language, mind, and world. In E. Pederson & J. Bohnemeyer (Eds.) *Expression of Space*. Berlin: De Gruyter Mouton.

\*†Pitt, B., & **Casasanto, D.** (2019). The correlations in experience principle: How culture shapes concepts of time and number. *Journal of Experimental Psychology: General*. DOI: 10.1037/xge0000696

- †**Casasanto, D.** & Pitt, B. (2019). The faulty magnitude detector: Why SNARC-like tasks cannot support a Generalized Magnitude System. *Cognitive Science*. DOI: 10.1111/cogs.12794
- \*†Gijssels, T. & **Casasanto, D.** (2019). Hand use norms for Dutch and English manual action verbs: Implicit measures from a pantomime task. *Behavior Research Methods*. DOI: 10.3758/s13428-020-01347-x
- †**Casasanto, D.**, & de Bruin, A. (2019). Metaphors we learn by: Directed motor action improves word learning. *Cognition*. 182, 177-183.
- \*†Brookshire, G. & **Casasanto, D.** (2018). Approach motivation in human cerebral cortex. *Philosophical Transactions of the Royal Society B*. DOI: 10.1098/rstb.2017-0141
- \*†Gijssels, T., Ivry, R. B., & **Casasanto, D.** (2018). tDCS to premotor cortex changes action verb understanding: Complementary effects of inhibitory and excitatory stimulation. *Scientific Reports*. 8(1), 11452. DOI: 10.1038/s41598-018-29600-6
- \*†Pitt, B., & **Casasanto, D.** (2018). Spatializing emotion: No evidence for a domain-general magnitude system. *Cognitive Science*. 42, 2150–2180.
- †**Casasanto, D.** & Jasmin, K. (2018). Virtual Reality. In A. de Groot & P. Hagoort (Eds.) *Research Methods in Psycholinguistics and the Neurobiology of Language* (pp. 174-189). Oxford: John Wiley & Sons.
- †**Casasanto, D.** (2017). Sleight of hand. *Science*. 357, 1246.
- \*†Brookshire, G., Lu, J., Nusbaum, H., Goldin-Meadow, S., & **Casasanto, D.** (2017). Visual cortex entrains to sign language. *Proceedings of the National Academy of Sciences*. 114(24), 6352–6357.
- Chrysikou, E. G., **Casasanto, D.**, & Thompson-Schill, S. L. (2017). Motor experience influences object knowledge. *Journal of Experimental Psychology: General*. 146(3), 395-408.
- \*de la Fuente, J., **Casasanto, D.**, Martínez-Cascales, J. I., & Santiago, J. (2017). Motor imagery shapes abstract concepts. *Cognitive Science*. 41(5), 1350–1360.
- †**Casasanto, D.** (2017). Relationships between language and cognition. In B. Dancygier (Ed.), *Cambridge Handbook of Cognitive Linguistics* (pp. 19-37). Cambridge: Cambridge University Press.
- \*†Gijssels, T. & **Casasanto, D.** (2017). Conceptualizing time in terms of space: Experimental evidence. In B. Dancygier (Ed.), *Cambridge Handbook of Cognitive Linguistics* (pp. 651-669). Cambridge: Cambridge University Press.
- † **Casasanto, D.** (2017). The hierarchical structure of mental metaphors. In B. Hampe (Ed.), *Metaphor: Embodied cognition and discourse* (pp. 46-61). Cambridge: Cambridge University Press.
- \*†Gijssels, T., Staum Casasanto, L. Jasmin, K., Hagoort, P., & **Casasanto, D.** (2016). Speech accommodation without priming: The case of pitch. *Discourse Processes*. 53(4), 233-251.
- † **Casasanto, D.** (2016). A shared mechanism of linguistic, cultural, and bodily relativity. *Language Learning*. 66(3), 714-730.
- Athanasopoulos, P., Bylund, E., & **Casasanto, D.** (2016). New and Interdisciplinary Approaches to Linguistic Relativity. *Language Learning*. 66(3), 482–486.
- †**Casasanto, D.** (2016). Linguistic relativity. In N. Riemer (Ed.), *Routledge handbook of semantics* (pp. 158-174). New York: Routledge.
- †**Casasanto, D.** (2016). Temporal language and temporal thinking may not go hand in hand. In B. Lewandowska-Tomaszczyk (Ed.), *Conceptualizations of time* (pp. 169-186). Amsterdam: John Benjamins.
- Bailey, J., Bailenson, J., & **Casasanto, D.** (2016). When does virtual embodiment change our minds? *PRESENCE: Teleoperators and Virtual Environments*. 25(3), 222-233.

- †**Casasanto, D.**, Brookshire, G., & Ivry, R. B. (2015). Meaning is not a reflex: Context-dependence of spatial congruity effects. *Cognitive Science*, *39*(8), 1979-1986.
- \*Bottini, R., Crepaldi, D., **Casasanto, D.**, Crollen, V., & Collignon, O. (2015). Space and time in the sighted and blind. *Cognition*, *141*, 67-72.
- \*Gray, S. J., Brookshire, G., **Casasanto, D.**, & Gallo, D. A. (2015). Electrically stimulating prefrontal cortex at retrieval improves recollection accuracy. *Cortex*, *73*, 188-194.
- \*†Dolscheid, S., & **Casasanto, D.** (2015). Spatial congruity effects reveal metaphorical thinking, not polarity correspondence. *Frontiers in Psychology*, *6*(1836), 1-11. doi: 10.3389/fpsyg.2015.01836
- \*Kunert, R., Willems, R.M., **Casasanto, D.**, Patel, A., & Hagoort, P. (2015). Music and language syntax interact in Broca's area: an fMRI study. *PLoS ONE*, *10*(11): e0141069. doi:10.1371/journal.pone.0141069
- †**Casasanto, D.**, & Gijssels, T. (2015). What makes a metaphor an embodied metaphor? *Linguistics Vanguard*. *1*(1), 327-337.
- \*de la Fuente, J., **Casasanto, D.**, Román, A., & Santiago, J. (2015). Can culture influence body-specific associations between space and valence? *Cognitive Science*, *39*, 821-832.
- \*de la Fuente, J., **Casasanto, D.**, & Santiago, J. (2015). Observed actions affect body-specific associations between space and valence. *Acta Psychologica*, *156*, 32-36.
- Lupyan, G. & **Casasanto, D.** (2015). Meaningless words promote meaningful categorization. *Language and Cognition*. *7*(2), 167-193.
- Kim, N., Krosnick, J., & **Casasanto, D.** (2015). Moderators of candidate name-order effects in elections: An experiment. *Political Psychology*, *36*(5), 489–612.
- †**Casasanto, D.**, & Lupyan, G. (2015). All concepts are ad hoc concepts. In E. Margolis, & S. Laurence (Eds.), *The conceptual mind: New directions in the study of concepts* (pp. 543-566). Cambridge: MIT Press.
- \*†de la Fuente, J., Santiago, J., Román, A., Dumitrache, C., & **Casasanto, D.** (2014). When you think about it, the past is in front of you: How culture shapes spatial conceptions of time. *Psychological Science*, *25*(9), 1682–1690. **(Won 2016 Best Article Award from SEPEX.)**
- \*Dolscheid, S., Hunnius, S., **Casasanto, D.**, & Majid, A. (2014). Prelinguistic infants are sensitive to space-pitch associations found across cultures. *Psychological Science*, *25*(6), 1256–1261.
- †**Casasanto, D.** & Bottini, R. (2014). Mirror reading can reverse the flow of time. *Journal of Experimental Psychology: General*, *143*(2), 473-9.
- †**Casasanto, D.**, & Bottini, R. (2014). Spatial language and abstract concepts. *WIREs Cognitive Science*, *5*, 139-149. doi:10.1002/wcs.1271
- †**Casasanto, D.** (2014). Bodily relativity. In L. Shapiro (Ed.), *Routledge handbook of embodied cognition* (pp. 108-117). New York: Routledge.
- †**Casasanto, D.** (2014). Development of metaphorical thinking: The role of language. In M. Borkent, J. Hinnell, & B. Dancygier (Eds.), *Language and the creative mind*. Stanford, CA: CSLI Publications.
- †**Casasanto, D.** (2014). Experiential origins of mental metaphors: Language, culture, and the body. In M. Landau, M.D. Robinson, & B. Meier (Eds.), *The power of metaphor: Examining its influence on social life* (pp. 249-268). Washington, DC: American Psychological Association Books.
- \*†Dolscheid, S., Shayan, S., Majid, A., & **Casasanto, D.** (2013). The thickness of musical pitch: Psychophysical evidence for linguistic relativity. *Psychological Science*, *24*(5), 613-621.

- †**Casasanto, D.**, & Stocker, K. (2013). A spatial path to mental time travel in humans. *Trends in Cognitive Sciences*.  
[http://www.cell.com/trends/cognitive-sciences/comments/S1364-6613\(12\)00245-8](http://www.cell.com/trends/cognitive-sciences/comments/S1364-6613(12)00245-8)
- \*†**Bottini, R.**, & **Casasanto, D.** (2013). Space and time in the child’s mind: Metaphoric or ATOMIC? *Frontiers in Psychology*, 4(803), 1-9. doi:10.3389/fpsyg.2013.00803
- †**Kominsky, J.**, & **Casasanto, D.** (2013). Specific to whose body? Perspective taking and the spatial mapping of valence. *Frontiers in Psychology*, 4(266), 1-10. doi:10.3389/fpsyg.2013.00266
- †**Casasanto, D.** (2013). Gesture and language processing. In H. Pashler, T. Crane, M. Kinsbourne, F. Ferreira, & R. Zemel (Eds.), *Encyclopedia of the mind* (pp. 372-374). Thousand Oaks, CA: Sage Publications.
- †**Casasanto, D.** (2013). Different bodies, different minds: The body-specificity of language and thought. In R. Caballero, & J. Díaz Vera (Eds.), *Sensuous cognition – explorations into human sentience*. Berlin: de Gruyter Mouton.
- †**Casasanto, D.**, & Jasmin, K. (2012). The hands of time: Temporal gestures in English speakers. *Cognitive Linguistics*, 23(4), 643-674.
- \*†**Brookshire, G.**, & **Casasanto, D.** (2012). Motivation and motor control: Hemispheric specialization for approach motivation reverses with handedness. *PLoS ONE*, 7(4), e36036. doi:10.1371/journal.pone.0036036
- \***van Ackeren, M.**, **Casasanto, D.**, **Bekkering, H.**, **Hagoort, P.**, & **Rueschemeyer, S.A.** (2012). Pragmatics in action: Indirect requests engage theory of mind areas and the cortical motor network. *Journal of Cognitive Neuroscience*, 24(11), 2237-47.
- \*†**Lai, V.T.**, **Hagoort, P.**, & **Casasanto, D.** (2012). Affective primacy vs. cognitive primacy: Dissolving the debate. *Frontiers in Psychology*, 3(243). doi:10.3389/fpsyg.2012.00243
- \*†**Jasmin, K.**, & **Casasanto, D.** (2012). The QWERTY effect: How typing shapes the meanings of words. *Psychonomic Bulletin and Review*, 19(3), 499-504.
- †**Casasanto, D.**, & **Henetz, T.** (2012). Handedness shapes children’s abstract concepts. *Cognitive Science*, 36, 359–372.
- †**Casasanto, D.** (2012). Whorfian Hypothesis. In J. L. Jackson, Jr. (Ed.), *Oxford bibliographies online: Anthropology*. New York: Oxford University Press. doi:10.1093/OBO/9780199766567-0058.
- †**Casasanto, D.** (2011). Different bodies, different minds: The body-specificity of language and thought. *Current Directions in Psychological Science*, 20(6), 378–383.
- †**Casasanto, D.**, & **Chrysikou, E.** (2011). When left is “right”: Motor fluency shapes abstract concepts. *Psychological Science*, 22(4), 419-422.
- \*†**Willems, R.M.**, **Labruna, L.**, **D’Esposito, M.**, **Ivry, R.**, & **Casasanto, D.** (2011). A functional role for the motor system in language understanding: Evidence from theta-burst TMS. *Psychological Science*, 22(7), 849-854.
- \*†**Willems, R.M.**, & **Casasanto, D.** (2011). Flexibility in embodied language understanding. *Frontiers in Psychology*, 2(116). doi:10.3389/fpsyg.2011.00116.
- \*†**Willems, R.M.**, **Hagoort, P.**, & **Casasanto, D.** (2010). Willems, R. M., Hagoort, P., & Casasanto, D. (2010). Body-specific representations of action verbs: Neural evidence from right- and left-handers. *Psychological Science*, 21(1), 67-74.
- †**Casasanto, D.**, & **Jasmin, K.** (2010). Good and bad in the hands of politicians: Spontaneous gestures during positive and negative speech. *PLoS ONE*, 5(7): e11805. doi:10.1371/journal.pone.0011805
- \*†**Willems, R.M.**, **Toni, I.**, **Hagoort, P.**, & **Casasanto, D.** (2010). Neural dissociations between action verb understanding and motor imagery. *Journal of Cognitive Neuroscience*, 22(10), 2387-2400.

- Casasanto, D.**, Fotakopoulou, O., & Boroditsky, L. (2010). Space and time in the child's mind: Evidence for a cross-dimensional asymmetry. *Cognitive Science*, *34*, 387-405.
- †**Casasanto, D.**, & Dijkstra, K. (2010). Motor action and emotional memory. *Cognition*, *115*(1), 179-185.
- Merritt, D.J., **Casasanto, D.**, & Brannon, E.M. (2010). Do monkeys think in metaphors? Representations of space and time in monkeys and humans. *Cognition*, *117*, 191-202.
- †**Casasanto, D.** (2010). Space for thinking. In V. Evans & P. Chilton (Eds.), *Language, cognition, and space: State of the art and new directions* (pp. 453-478). London: Equinox Publishing.
- †**Casasanto, D.** (2010). ¿En qué casos una metáfora lingüística constituye una metáfora conceptual? In D. Perez, S. Español, L. Skidelsky, & R. Minervino (Eds.), *Conceptos: Debates contemporáneos en filosofía y psicología* [Concepts: Contemporary debates on philosophy and psychology]. Buenos Aires: Catálogos.
- †**Casasanto, D.** (2010). Wie der körper sprache und vorstellungsvermögen im gehirn formt. In *Max-Planck-Gesellschaft Jahrbuch* [Max Planck Society Yearbook]. München: Max-Planck-Gesellschaft.
- †**Casasanto, D.**, & Bottini, R. (2010). Can mirror-reading reverse the flow of time? In C. Hölscher, T. F. Shipley, M. Olivetti Belardinelli, J. A. Bateman, & N. S. Newcombe (Eds.), *Spatial cognition VII* (pp. 335-345). Berlin Heidelberg: Springer.
- \*†**Bottini, R.**, & **Casasanto, D.** (2010). Implicit spatial length modulates time estimates, but not vice versa. In C. Hölscher, T. F. Shipley, M. Olivetti Belardinelli, J. A. Bateman, & N. S. Newcombe (Eds.), *Spatial cognition VII* (pp. 152-162). Berlin Heidelberg: Springer.
- \*†**Willems, R.M.**, Toni, I., Hagoort, P., & **Casasanto, D.** (2009). Body-specific motor imagery of hand actions: Neural evidence from right- and left-handers. *Frontiers in Human Neuroscience*, *3*(39), 1-9.
- †**Casasanto, D.** (2009). Embodiment of abstract concepts: Good and bad in right- and left-handers. *Journal of Experimental Psychology: General*, *138*(3), 351-367.
- Fedorenko, E., Patel, A., **Casasanto, D.**, Winawer, J., & Gibson, T. (2009). Structural integration in language and music: Evidence for a shared system. *Memory & Cognition*, *37*(1), 1-9. **(Won 2009 M&C Best Article Award)**
- †**Casasanto, D.** (2009). Review of Music, Language, and the Brain. *Language and Cognition*, *1*(1), 143-146.
- †**Casasanto, D.** (2009). When is a linguistic metaphor a conceptual metaphor? In V. Evans & S. Pourcel (Eds.), *New directions in cognitive linguistics*, (pp. 127-145). Amsterdam: John Benjamins.
- †**Casasanto, D.** (2008). Similarity and proximity: When does close in space mean close in mind? *Memory & Cognition*, *36*(6), 1047-1056.
- Casasanto, D.**, & Boroditsky, L. (2008). Time in the mind: Using space to think about time. *Cognition*, *106*, 579-593. **(Cognition's most cited article, 2008-2013)**
- †**Casasanto, D.** (2008). Who's afraid of the Big Bad Whorf? Cross-linguistic differences in temporal language and thought. *Language Learning*, *58*(1), 63-79.
- †**Casasanto, D.** (2008). Who's afraid of the Big Bad Whorf? Cross-linguistic differences in temporal language and thought. In P. Indefrey, & M. Gullberg (Eds.), *Time to speak: Cognitive and neural prerequisites of time in language* (pp. 63-79). Oxford: Wiley-Blackwell.
- †**Casasanto, D.** (2005). Crying "Whorf". *Science*, *307*, 1721-1722.
- Killgore, W., Glahn, D., & **Casasanto, D.** (2005). Development and validation of the design organization test (DOT): A rapid screening instrument for assessing visuospatial ability. *Journal of Clinical and Experimental Neuropsychology*, *27*, 449-459.

- Rabin, M., Narayan, V., Kimberg, D., **Casasanto, D.**, Glosser, G., Tracy, J., French, J., Sperling, M., & Detre, J. (2004). Functional MRI predicts postsurgical memory following temporal lobectomy. *Brain*, *127*, 2286-2298.
- †**Casasanto, D.** (2003). Hemispheric specialization in prefrontal cortex: Effects of verbalizability, imageability, and meaning. *Journal of Neurolinguistics*, *16*, 361-382.
- Kounios, J., Bachman, P., **Casasanto, D.**, Grossman, M., Smith, R., & Yang, W. (2003). Novel concepts mediate retrieval from human episodic associative memory: Evidence from event-related potentials. *Neuroscience Letters*, *345*, 157-160.
- Casasanto, D.**, Killgore, W., Glosser, G., Maldjian, J., Alsop, D., Cooke, A., Grossman, M., & Detre, J. (2002). Neural correlates of successful and unsuccessful verbal encoding. *Brain and Language*, *80*, 287-295.
- Levy-Reis, I., **Casasanto, D.**, Gonzales, J., Alsop, D., Glosser, G., Maldjian, J., French, J., Detre, J. (2001). Cortical reorganization in linear nevus sebaceous syndrome (LNSS) - a multimodal neuroimaging study. *Journal of Neuroimaging*, *10*(4), 225-228.
- Killgore, W., **Casasanto, D.**, Maldjian, J., & Detre, J. (2000). Associative memory for faces activates the left amygdala and hippocampus. *NeuroReport*, *11*, 2259-2263.
- Killgore, W., Glosser, G., **Casasanto, D.**, French, J., Alsop, D., & Detre, J. (1999). Functional MRI and the Wada test provide complementary information for predicting postoperative seizure control. *Seizure*, *8*(8), 450-455.
- Killgore, W., DellaPietra, L., & **Casasanto, D.** (1999). Hemispheric laterality and self-rated personality traits. *Perceptual and Motor Skills*, *89*, 994-996.

**Peer-Reviewed Conference Papers** (\*Casasanto's (co-) advisee is first author; †Casasanto is PI)

- Casasanto, D.** & Pitt, B. (2019). *How culture shapes abstract concepts: Insights from time and number*. Paper presented at the 31st Annual Convention of the Association for Psychological Science, Washington, DC.
- \*†Lucero, C., Brookshire, G., Bottini, R., Goldin-Meadow, S., Vogel, E. K., & **Casasanto, D.** (2019). *Unconscious number discrimination in the human visual system*. Paper presented at the 41st annual meeting of the Cognitive Science Society, Montreal, Canada.
- \*†Singh, A., Wang, Q., & **Casasanto, D.** (2019). *Seeing the big picture: Do some cultures think more abstractly than others?* Paper presented at the 41st Annual Conference of the Cognitive Science Society. Montreal, Quebec, Canada.
- \*†Pitt, B. & **Casasanto, D.** (2018). *Spatializing time and numbers: How culture shapes cognitive universals*. Paper presented at the 7<sup>th</sup> International Conference on Spatial Cognition, Rome, IT.
- \*†Gijssels, T., Pitt, B., Bottini, R., Battal, C., Collignon, O. & **Casasanto, D.** (2018). *Modality matters: Space-time mappings differ in vision and audition*. Paper presented at the 7<sup>th</sup> International Conference on Spatial Cognition, Rome, IT.
- \*†Yap, D., Brookshire, G. & **Casasanto, D.** (2018). *Beat gestures encode spatial semantics*. Paper presented at the 7<sup>th</sup> International Conference on Spatial Cognition, Rome, IT.
- \*†Yap, D., Brookshire, G. & **Casasanto, D.** (2018). *Beat gestures encode spatial semantics*. Paper presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.
- \*†Pitt, B., Scales, K., & **Casasanto, D.** (2018). *Time and numbers on the fingers: Dissociating the mental timeline and mental number line*. Paper presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.
- \*†Rosen, R., Staum Casasanto, L., Singh, A., & **Casasanto, D.** (2018). *Black dialect activates violent stereotypes*. Paper presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.



- †Casasanto, D., Singh, A., & Wang, Q. (2017). *The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets*. Paper presented at the 58th Meeting of the Psychonomic Society, Vancouver, CA.
- \*†Yap, D. F., & Casasanto, D. (2017). *Semantics of beat gestures*. Paper presented at the 89th Midwestern Psychological Association Annual Meeting, Chicago, Illinois.
- \*†Gijssels, T., Ivry, R. B., & Casasanto, D. (2017). *tDCS to Premotor Cortex Changes Action Verb Understanding*. Paper presented at the 89th Midwestern Psychological Association Annual Meeting, Chicago, Illinois.
- \*†Brookshire, G., Lu, J., Nusbaum, H., Goldin-Meadow, S., & Casasanto, D. (2017). *Visual cortex entrains to low-frequency amplitude variability in sign language*. Paper presented at the 89th Midwestern Psychological Association Annual Meeting, Chicago, IL.
- \*†Pitt, B. & Casasanto, D. (2017). *Experiential origins of the mental time line and the mental number line*. Paper presented at the 89th Midwestern Psychological Association Annual Meeting, Chicago, IL.
- \*†Gijssels, T. & Casasanto, D. (2016). tDCS to premotor cortex changes action verb understanding: Complementary effects of inhibitory and excitatory stimulation. In A. Papfragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2717-2722). Austin, TX: Cognitive Science Society.
- \*†Pitt, B. & Casasanto, D. (2016). Reading experience shapes the mental timeline but not the mental number line. In A. Papfragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2753-2758). Austin, TX: Cognitive Science Society.
- \*†Pitt, B. & Casasanto, D. (2016). Spatializing Emotion: A mapping of valence or magnitude? In A. Papfragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1056-1061). Austin, TX: Cognitive Science Society.
- \*†Yap, D. F., & Casasanto, D. (2016). *Semantics of beat gestures*. Paper presented at the 7th Conference of the International Society for Gesture Studies, Paris.
- †Bottini, R., Casasanto, D., Yap, D. F., Crepaldi, D., Collignon, O. (2016). *Metaphorical gestures for time in the congenitally blind*. Paper presented at the 7th Conference of the International Society for Gesture Studies, Paris.
- \*†Yap, D. F., Staum, C., & Casasanto, D. (2016). Metaphoric iconicity in signed and spoken languages. Paper presented at the Midwestern Psychological Association Annual Meeting, Chicago, Illinois.
- \*Bottini, R. Crepaldi, D., Casasanto, D., Crollen, V. & Collignon, O. (2015). *Space and time in the sighted and blind*. Paper presented at the 16th International Multisensory Research Forum, Pisa, IT.
- †Casasanto, D. (2014). *Ad hoc cognition: A framework for cognitive science*. Paper presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- †Casasanto, D. (2014). Relationships between spatial and temporal magnitudes. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- †Casasanto, D., Jasmin, K., Brookshire, G., & Gijssels, T. (2014). The QWERTY effect: How typing shapes word meanings and baby names. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (296-301). Austin, TX: Cognitive Science Society.
- \*de la Fuente, J., Casasanto, D., & Santiago, J. (2014). Observed motor actions affect valence judgments. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 385-390). Austin, TX: Cognitive Science Society.

- \*†Dolscheid, S., Willems, R.M., Hagoort, P., & **Casasanto, D.** (2014). The relation of space and musical pitch in the brain. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 421-426). Austin, TX: Cognitive Science Society.
- \*†Lucero, C., Zaharchuk, H., & **Casasanto, D.** (2014). Beat gestures facilitate speech production. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 898-903). Austin, TX: Cognitive Science Society.
- \*†Pitt, B. & **Casasanto, D.** (2014). Experiential origins of the mental number line. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 1174-1179). Austin, TX: Cognitive Science Society.
- \*†Yap, D., Staum Casasanto, L., & **Casasanto, D.** (2014). Metaphoric iconicity in signed and spoken languages. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 1808-1813). Austin, TX: Cognitive Science Society.
- \*†Yap, D. F., Staum Casasanto, L., & **Casasanto, D.** (2014). *Metaphoric iconicity in signed and spoken languages*. Paper presented at the 6th Conference of the International Society for Gesture Studies, San Diego, CA.
- \*Kunert, R., Willems, R.M., **Casasanto, D.**, Patel, A., & Hagoort, P. (2013). *Shared syntactic processing mechanisms in music and language: A brain imaging study*. Talk presented at the Society for Music Perception and Cognition, Totonto, CA.
- \*†Brookshire, G., Graver, C., & **Casasanto, D.** (2013). Motor asymmetries predict neural organization of emotion. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 245-250). Austin, TX: Cognitive Science Society.
- \*†Bottini, R., Guarino, C., & **Casasanto, D.** (2013). Space is special: A domain-specific mapping between time and nontemporal magnitude. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 233-238). Austin, TX: Cognitive Science Society.
- \*†Dolscheid, S., Graver, C., & **Casasanto, D.** (2013). Spatial congruity effects reveal metaphors, not markedness. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 2213-2218). Austin, TX: Cognitive Science Society.
- \*†Gijssels, T., Rueschemeyer, S.-A., Bottini, R., & **Casasanto, D.** (2013). Space and time in the parietal cortex: fMRI evidence for a neural asymmetry. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 495 - 500). Austin, TX: Cognitive Science Society.
- \*Beveridge, M., **Casasanto, D.**, Bottini, R., & Pickering, M. (2013, March). *Motor plans and linguistic perspective in action sentences: a causal role in comprehension*. Talk presented at 26th Annual CUNY Human Sentence Processing Conference, Columbia, SC.
- \*Lai, V. T., Simanova, I., **Casasanto, D.**, & Hagoort, P. (2012, October). *When does context shape word meanings?* Talk presented at the Neurobiology of Language Conference, San Sebastian, Spain.
- \*†Gijssels, T., Rueschemeyer, S. A., Bottini, R., & **Casasanto, D.** (2012). *Time in the brain: Neural evidence for a space-time asymmetry*. In R. Braukmann, & N. Lam (Eds.), *Proceedings of the Master's Programme Cognitive Neuroscience of the Radboud University Nijmegen* (pp. 5 - 20). Nijmegen, The Netherlands: Radboud University.
- \*†Dolscheid, S., Hunnius, S., **Casasanto, D.**, & Majid, A. (2012). The sound of thickness: Prelinguistic infants' associations of space and pitch. In N. Miyake, D. Peebles, & R. P. Cooper (Eds.), *Proceedings of the 34th Annual Meeting of the Cognitive Science Society* (pp. 306-311). Austin, TX: Cognitive Science Society.

- \*de La Fuente, J., **Casasanto, D.**, Román, A., & Santiago, J. (2012). *Does culture affect the body-specific association of preferred hand and emotional valence?* Paper presented at the 4th Meeting of the UK Cognitive Linguistics Association, London, UK.
- \*†de la Fuente, J., Santiago, J., Román, A., Dumitrache, C., & **Casasanto, D.** (2012). *If you think about it, your past is in front of you: Cognitive flexibility in the front-back mapping of time.* Paper presented at the 4th Meeting of the UK Cognitive Linguistics Association, London, UK.
- \*Beveridge, M., **Casasanto, D.**, Bottini, R., & Pickering, M. (2012, June). *Body specificity in action sentences.* Talk presented at Psycholinguistics in Flanders (PiF 2012), Nijmegen, NL.
- \*Beveridge, M., **Casasanto, D.**, Bottini, R., & Pickering, M. (2012, August). *Body specificity in action sentences.* Talk presented at Embodied and Situated Language Processing (ESLP 2012), Newcastle on Tyne, UK.
- †Staum Casasanto, L., Gijssels, T., & **Casasanto, D.** (2011). *Isolating the role of language in linguistic accommodation.* Paper presented at NWAV 40, Washington DC, USA.
- †**Casasanto, D.** (2011). Bodily relativity: The body-specificity of language and thought. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1258-1263). Austin, TX: Cognitive Science Society.
- \*†Brookshire, G., & **Casasanto, D.** (2011). Motivation and motor control: Hemispheric specialization for motivation reverses with handedness. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (2610-2615). Austin, TX: Cognitive Science Society.
- \*†Jasmin, K. & **Casasanto, D.** (2011). The QWERTY effect: How stereo-typing shapes the mental lexicon. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1823-1828). Austin, TX: Cognitive Science Society.
- \*†Dolscheid, S., Shayan, S., Majid, A., & **Casasanto, D.** (2011). The thickness of musical pitch: Psychophysical evidence for the Whorfian hypothesis. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 537-542). Austin, TX: Cognitive Science Society.
- \*†Lai, V.T., Hagoort, P., & **Casasanto, D.** (2011). Affective and non-affective meaning in words and pictures. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 390-395). Austin, TX: Cognitive Science Society.
- \*de La Fuente, J., **Casasanto, D.**, Román, A., & Santiago, J. (2011). Searching for cultural influences on the body-specific association of preferred hand and emotional valence. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 2616-2621). Austin, TX: Cognitive Science Society.
- \*†Dolscheid, S., Shayan, S., Majid, A., & **Casasanto, D.** (2011). *The thickness of musical pitch: Psychophysical evidence for the Whorfian hypothesis.* Paper presented at the 3rd Conference of the Scandinavian Association for Language and Cognition, Copenhagen, Denmark.
- †**Casasanto, D.**, & Bottini, R. (2010). *Mirror-reading can reverse the flow of time.* Paper presented at AMLaP, York, UK.
- \*†Willems, R.M., Labruna, L., D'Esposito, M., Ivry, R., & **Casasanto, D.** (2010). *A functional role for the motor system in language understanding: Evidence from rTMS.* Paper presented at AMLaP, York, UK.
- †**Casasanto, D.**, & Bottini, R. (2010). *Can mirror reading reverse the flow of time?* Paper presented at the 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

- \*†Bottini, R. & Casasanto, D. (2010). Implicit spatial length modulates time estimates, but not vice versa. In S. Ohlsson, & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 1348-1353). Austin, TX: Cognitive Science Society.
- \*†Brookshire, G., Ivry, R., & Casasanto, D. (2010). Modulation of motor-meaning congruity effects for valenced words. In S. Ohlsson, & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 1940-1945). Austin, TX: Cognitive Science Society.
- †Staum Casasanto, L., Jasmin, K., & Casasanto, D. (2010). Virtually accommodating: Speech rate accommodation to a virtual interlocutor. In S. Ohlsson, & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 127-132). Austin, TX: Cognitive Science Society.
- †Casasanto, D. & Jasmin, K. (2009). Emotional valence is body-specific: Evidence from spontaneous gestures during US presidential debates. In N.A. Taatgen, & H. van Rijn (Eds.), *Proceedings of the 31st Cognitive Science Society* (pp. 1965-1970). Austin, TX: Cognitive Science Society.
- †Casasanto, D., Willems, R., & Hagoort, P. (2009). Body-specific representations of action verbs: Evidence from fMRI in right- and left-handers. In N.A. Taatgen, & H. van Rijn (Eds.), *Proceedings of the 31st Cognitive Science Society* (pp. 875-880). Austin, TX: Cognitive Science Society.
- Casasanto, D., Fotakopoulou, O., & Boroditsky, L. (2009). Space and time in the child's mind: Evidence for a cross-dimensional asymmetry. In N.A. Taatgen, & H. van Rijn (Eds.), *Proceedings of the 31st Cognitive Science Society* (pp. 1090-1095). Austin, TX: Cognitive Science Society.
- †Casasanto, D., & Jasmin, K., Verhagen, J., & van Rees Vellinga, M. (2009). *Body-specificity of emotional valence in language, thought, and gesture*. Paper presented at Embodied and Situated Language Processing, Rotterdam, NL.
- †Casasanto, D., & Henetz, T. (2009). *Development of relational structure in abstract domains*. Paper presented at the Society for Research in Child Development, Denver, CO.
- †Casasanto, D. (2009). *Constructing mental metaphors for time: Roles of language, culture, and body*. Paper presented at the Society for Research in Child Development, Denver, CO.
- Merritt, D.J., Casasanto, D., & Brannon, E.M. (2009). *Do monkeys use space to think about time?* Paper presented at the Society for Research in Child Development, Denver, CO.
- †Casasanto, D. (2008). *The body-specificity hypothesis*. Paper presented at Proceedings of the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- †Dijkstra, K. & Casasanto, D. (2008). *Motor action and emotional memory*. Paper presented at Proceedings of the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- †Casasanto, D. (2008). Universal processes generate body-specific representations. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 64-70). Austin, TX: Cognitive Science Society.
- †Casasanto, D. (2008). *Body-specific abstract concepts: mental metaphors without linguistic metaphors*. Paper presented at the International Conference on Language, Communication, & Cognition. Brighton, UK.
- †Casasanto, D. (2008). *Conceptual affiliates of metaphorical gestures*. Paper presented at International Conference on Language, Communication, & Cognition, Brighton, UK.
- †Casasanto, D. (2008). *Testing Whorf without words*. Paper presented at the International Conference on Language, Communication, & Cognition, Brighton, UK.

- †Casasanto, D., & Nabieva, S. (2007). *Automatic activation of spatial schemas for abstract concepts*. Paper presented at Proceedings of the 10th International Cognitive Linguistics Association, Krakow, Poland.
- †Casasanto, D. (2007). Similarity and proximity: When does close in space mean close in mind? In D.S. McNamara, & J. G. Trafton (Eds.), *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (pp. 155-160). Austin, TX: Cognitive Science Society.
- †Casasanto, D. (2007). *The role of motor experience in concept formation*. Paper presented in Embodied Sentence Processing: Behavioural, Neuropsychological, and Computational Perspectives, Saarland, Germany.
- Fedorenko, E., Patel, A., Casasanto, D., Winawer, J., & Gibson, E. (2007). *Structural integration in language and music: a shared system*. Paper presented at Proceedings of the 20th Annual CUNY Human Sentence Processing Conference, La Jolla, CA.
- Staum, L. & Casasanto, D. (2006). *Cognitive linguistics meets language ideologies: Should liberals use conservatives' metaphors?* Paper presented at New Ways of Analyzing Variation (NWAV 35), Columbus, OH.
- Casasanto, D., Boroditsky, L., Phillips, W., Greene, J., Goswami, S., Bocanegra-Thiel, et al. (2004). How deep are effects of language on thought? Time estimation in speakers of English, Indonesian, Greek, and Spanish. In K. Forbus, D. Gentner, & T. Regier (Eds.), *Proceedings of the 26th Annual Conference Cognitive Science Society* (pp. 575-580). Austin, TX: Cognitive Science Society.
- Casasanto, D., & Boroditsky, L. (2003). Do we think about time in terms of space? In R. Alterman & D. Kirsh (Eds.), *Proceedings of the 25th Annual Conference Cognitive Science Society* (pp. 216-221). Austin, TX: Cognitive Science Society.
- Casasanto, D., & Boroditsky, L. (2003). *Metaphoric structuring of time: Psychophysical evidence from English, Greek, and Spanish speakers*. Paper presented at Proceedings of the International Cognitive Linguistics Association, Logroño, Spain.
- Casasanto, D., & Boroditsky, L. (2003). *Temporal estimation depends on spatial experience*. Paper presented at Proceedings of the International Cognitive Linguistics Association, Logroño, Spain.
- Casasanto, D., Glosser, G., Killgore, W., Siddiqi, F., Falk, M., Roc, A., Maldjian, J., Levy-Reis, I., Baltuch, G., & Detre, J. (2001). Presurgical fMRI predicts memory outcome following anterior temporal lobectomy. *Journal of the International Neuropsychological Society*, 7, 183. **(Won the 2001 Philip M. Rennick Award for outstanding scientific contribution by a graduate student or post-doctoral fellow.)**
- Casasanto, D., Killgore, W., Glosser, G., Maldjian, J., & Detre, J. (2000). Hemispheric specialization during episodic memory encoding in the human hippocampus and MTL. In L. R. Gleitman, & A. K. Joshi (Eds.) *Proceedings of the 22nd Annual Conference of the Cognitive Science Society* (pp. 77-82). Austin, TX: Cognitive Science Society.
- Conference Posters** (\*Casasanto's (co-) advisee is first author; †Casasanto is PI)
- \*†Pitt, B. & Casasanto, D. (2019). *Ordinality trumps cardinality: What we spatialize when we spatialize numbers*. Poster presented at the 31st Annual Meeting of the Association for Psychological Science, Washington, DC.
- \*†Casasanto, D., Singh A., & Wang, Q. (2019). *The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets*. Poster presented at the Inaugural Culture and Cognition Pre-conference for the 60th Annual Meeting of the Psychonomic Society. Montreal, Quebec, Canada.
- Casasanto, D. & Kisa, Y. D. (2019). *Origins of cross-domain asymmetries*. Poster presented the 41st Annual Conference of the Cognitive Science Society, Montreal, Quebec, Canada.

- \*†Lucero, C., Quirk, C., Goldin-Meadow, S., Vogel, E., & **Casasanto, D.** (2019). *The human visual system spontaneously computes approximate number*. Poster presented at the 26th annual meeting of the Cognitive Neuroscience Society, Boston, MA
- \*†Yap, D. & **Casasanto, D.** (2018). English speakers gesture laterally for time regardless of the input modality. Poster presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.
- \*†Lucero, C., Brookshire, G., Quirk, C., Goldin-Meadow, S., Vogel, E., & **Casasanto, D.** (2018). *Unconscious number discrimination in the human visual system*. Poster presented at the 25th annual meeting of the Cognitive Neuroscience Society, Boston, MA.
- Singh, A., Wang, Q., & **Casasanto, D.** (2018). *Do Westerners think more abstractly than East Asians?* Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Casasanto, D.**, Singh, A., & Wang, Q. (2018). The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets. Poster presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.
- \*†Pitt, B. & **Casasanto, D.** (2017). *Distinct Experiential Origins of the Mental Number Line and Mental Timeline*. Poster session presented at the 29th Association for Psychological Science Annual Convention, Boston, MA.
- \*†Brookshire, G., Lu, J., Nusbaum, H., Goldin-Meadow, S., & **Casasanto, D.** (2017). *Visual cortex entrains to low-frequency amplitude variability in sign language*. Poster presented at the 24th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA
- \*†Gijssels, T., Ivry, R. B., & **Casasanto, D.** (2017). *tDCS to Premotor Cortex Changes Action Verb Understanding*. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, California.
- \*†Gijssels, T., Maximay, N., & **Casasanto, D.** (2016). *tDCS to Premotor Cortex Changes Action Verb Understanding: Complementary Effects of Inhibitory and Excitatory Stimulation*. Poster presented at the 8th Annual meeting for the Society for the Neurobiology of Language, London.
- \*†Brookshire, G., Turk-Browne, N.B., & **Casasanto, D.** (2016). *Top-down predictions in statistical learning carried by alpha oscillations*. Poster presented at the 8th annual meeting for the Society for the Neurobiology of Language, London.
- \*†Gijssels, T., Maximay, N., & **Casasanto, D.** (2016). *tDCS to Premotor Cortex Changes Action Verb Understanding: Complementary Effects of Inhibitory and Excitatory Stimulation*. Poster to be presented at the 28th Annual Convention of the Association for Psychological Science, Chicago, IL.
- \*†Brookshire, G., & **Casasanto, D.** (2016). *Top-down predictions in statistical learning are carried by alpha oscillations*. Poster presented at the 28th annual convention of the Association for Psychological Science, Chicago, IL.
- \*†Yap, D. F., **Casasanto, D.** (2016). *Semantics of beat gestures*. Poster presented at the 28th Association for Psychological Science Annual Convention, Chicago, Illinois.
- \*†Pitt, B., & **Casasanto, D.** (2016). *Experiential origins of the mental time line and the mental number line*. Poster session presented at the 2nd International Meeting of the Psychonomic Society, Granada, Spain.
- Crepaldi, D., **Casasanto, D.**, Nadalini, A., & Botti ni, R. (2016). Semantic processing with and without awareness. Poster presented at the European Workshop on Cognitive Neuropsychology (EWCN), Bressanone, Italy.
- \*†Brookshire, G., & **Casasanto, D.** (2015). *Associative networks learn abstract grammatical categories*. Poster presented at the 56th annual meeting of the Psychonomic Society, Chicago, IL.
- \*†Brookshire, G., & **Casasanto, D.** (2015). *Associative networks learn abstract grammatical categories*. Poster presented at the 7th annual meeting of the Society for the Neurobiology of Language, Chicago, IL.

- \*†Gijssels, T., Rueschemeyer, S. A., Bottini, R., & **Casanto, D.** (2014). *Space and time in the parietal cortex: fMRI evidence for a neural asymmetry*. Poster presented at the 21st Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.
- \*Bottini, R. Crepaldi, D., **Casanto, D.**, Crollen, V. & Collignon, O. (2014). *No time on my hands: Different spatial coordinates support temporal and numerical concepts in blind individuals*. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- \*†Lucero, C., Zaharchuk, H., & **Casanto, D.** (2014). *Beat gestures facilitate speech production*. Poster presented at the 6<sup>th</sup> Conference of the International Society for Gesture Studies, San Diego, CA.
- \*†Pitt, B. & **Casanto, D.** (2014). *Experiential origins of the mental number line*. Poster presented at the 6<sup>th</sup> Conference of the International Society for Gesture Studies, San Diego, CA.
- \*†Brookshire, G., & **Casanto, D.** (2013). *Manual motor asymmetries predict hemispheric lateralization of emotion*. Poster presented at the Society for Social Neuroscience, San Diego, CA.
- \*†Brookshire, G., & **Casanto, D.** (2013). Brief motor experience reverses visual hemifield effects for emotional faces. Poster presented at the Association for Psychological Science, Washington, DC.
- \*†Brookshire, G., & **Casanto, D.** (2013). *Manual motor asymmetries predict neural organization of emotion*. Poster presented at the 20th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- \*†Lai, V. T., Hagoort, P., & **Casanto, D.** (2011, March). *Context-dependent processing of affective and non-affective meaning*. Poster presented at CUNY 2011: The 24th Annual Conference on Human Sentence Processing, Stanford, US.
- †**Casanto, D.**, & Lupyan, G. (2011). Ad hoc cognition. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- †**Casanto, D.**, & de Bruin, A. (2011). Word up! Directed motor action improves word learning. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- †**Casanto, D.**, Staum-Casanto, L., & Gijssels, T. (2011). The reverse chameleon effect: Negative social consequences of anatomical mimicry. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- \*†Bottini, R., & **Casanto, D.** (2011). Space and time in the child's mind: Further evidence for a cross-dimensional asymmetry. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- \*†Brookshire, G., & **Casanto, D.** (2011). *Brief motor experience reverses visual hemifield effects*. Poster presented at the 18th Annual Cognitive Neuroscience Society Meeting, San Francisco, USA.
- Staum Casanto, L., Gijssels, T., & **Casanto, D.** (2011). *Isolating the role of language in linguistic accommodation*. Poster presented at the NWAV 40, Washington DC, USA.
- \*†Brookshire, G., & **Casanto, D.** (2011). *Motor fluency predicts space-valence associations*. Poster presented at The Embodied Mind: Prospects and Limitations, Nijmegen, NL.
- Chrysikou, E., **Casanto, D.** & Thompson-Schill, S. (2010). *Long-term effects of post-stroke changes in sensorimotor experience on manipulation judgments involving common tools*. Poster presented at the Proceedings of the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.

- †Casasanto, D., & Jasmin, K. (2010). *Good and bad in the hands of politicians: Spontaneous gestures during positive and negative speech*. Poster presented at AMLaP, York, UK.
- \*†Dolscheid, S., Shayan, S., Ozturk, O., Majid, A., & Casasanto, D. (2010). *Language shapes mental representations of musical pitch: Implications for metaphorical language processing*. Poster presented at AMLaP, York, UK.
- \*†Henetz, T., & Casasanto, D. (2010). *Imaginary affordances shape children's preference judgments*. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Cognitive Science Society, Portland, OR.
- \*†Jasmin, K. & Casasanto, D. (2010). *Stereo-typing: How the QWERTY keyboard shapes the mental lexicon*. Poster presented at AMLaP, York, UK.
- †Casasanto, D. & Jasmin, K. (2010). *Monday is before Tuesday in speech but left of Tuesday in gesture*. Poster presented at the 32<sup>nd</sup> Annual Meeting of the Cognitive Science Society, Portland, OR.
- †Casasanto, D. (2009). *Motor fluency shapes abstract concepts*. Poster presented at Proceedings of the 50<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.
- \*†Willems, R.M., Toni, I., Hagoort, P., & Casasanto, D. (2009). *Distinguishing implicit simulation from explicit motor imagery during language understanding*. Poster presented at the Neurobiology of Language Conference, Chicago, IL.
- \*†Henetz, T., & Casasanto, D. (2009). Emergence of spatial metaphor in children. In N.A. Taatgen, & H. van Rijn (Eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (p. 2060). Austin, TX: Cognitive Science Society.
- †Casasanto, D. (2009). *The nature of mental simulation during language processing*. Poster presented at Embodied and Situated Language Processing, Rotterdam, NL.
- \*†Willems, R.M., Hagoort, P., & Casasanto, D. (2009). *Body-specific representations of action verbs: Neural evidence from right- and left-handers*. Poster presented at the 15<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping, San Francisco, CA.
- †Dijkstra, K., & Casasanto, D. (2008). *Autobiographical memory and motor action*. Poster presented at Proceedings of the 30th Annual Conference of the Cognitive Science Society, Washington, DC.
- Casasanto, D., Yilmaz, M., & Boroditsky, L. (2005). *Can language help you remember sex?* Poster presented at Words and the World Conference, Lehigh, PA.
- Casasanto, D., Phillips, W., & Boroditsky, L. (2003). *Do we think about music in terms of space: Metaphoric representation of musical pitch*. Poster presented at Proceedings of the 25th Annual Conference of the Cognitive Science Society, Boston, MA.
- Casasanto, D., & Boroditsky, L. (2002). *Displacement affects duration estimation, but not the other way around*. Poster presented at Proceedings of the 24th Annual Conference of the Cognitive Science Society, Fairfax, VA.
- Casasanto, D., Kounios, J., & Detre, J. (2001). *Hemispheric effects of concreteness in pictures and words*. Poster presented at Proceedings of the 23rd Annual Conference of the Cognitive Science Society, Edinburgh, UK.
- Casasanto, D., Kounios, J., Roc, A., Mintzer, D., Maldjian, J., & Detre, J. (2001). Hemispheric effects of concreteness during verbal episodic memory encoding. *Neuroimage*, 13, S644.
- Casasanto, D., & Detre, J. (2000). *Hemispheric effects in fusiform gyrus across face encoding tasks*. Poster presented at Proceedings of the 22nd Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- Casasanto, D., Glosser, G., Killgore, W., Siddiqi, F., Falk, M., Maldjian, J., Levy-Reis, I., Detre, J. (2000). *fMRI evidence for the functional reserve model of post-ATL neuropsychological outcome prediction*. Poster presented at the 17th Annual Neuroscience Retreat, David Mahoney Institute of Neurological Sciences, Philadelphia, PA.



- Casasanto, D.**, Killgore, W., Maldjian, J., Glosser, G., Grossman, M., Alsop, D., Grossman, M., Detre, J. (2000). Neural correlates of successful and unsuccessful verbal encoding. *Neuroimage*, *11*, S381.
- Killgore, W., **Casasanto, D.**, & Detre, J. (2000). Associative memory for faces preferentially activates the left amygdala and hippocampus. *Journal of the International Neuropsychological Society*, *6*, 157.
- Casasanto, D.**, Killgore, W., Maldjian, J., Gonzales-Atavales, J., Glosser, G., & Detre, J. (2000). Task-dependent and task-invariant activation in mesial temporal lobe structures during fMRI explicit memory encoding tasks. *Journal of the International Neuropsychological Society*, *6*, 134.
- Killgore, W., Glahn, D., & **Casasanto, D.** (2000). Development and validation of the design organization test (DOT): A rapid screening instrument for assessing visuospatial ability. *Journal of the International Neuropsychological Society*, *6*, 147.
- Siddiqi, F., **Casasanto, D.**, Killgore, W., Detre, J., Glosser, G., Alsop, D., Maldjian, J. (2000). Hemispheric effects of frontal lobe tumors on mesial temporal lobe activation during scene encoding. *Neuroimage*, *11*, S448.
- Killgore, W., **Casasanto, D.**, Maldjian, J., Alsop, D., Glosser, G., French, J., Detre, J. (1999). Functional activation of mesial temporal lobe during nonverbal encoding. *Epilepsia*, *40S7*, 188.

## Talks

- 2019 Keynote address, Chinese Cognitive Linguistics Association, Beijing, CN  
Keynote address, The Body in Mind Workshop, Magliaso, CH  
Invited talk, Association for Psychological Science (APS)  
Invited talk, Inaugural Culture & Cognition Preconference, Montreal, CA
- 2018 Keynote address, Language in Mind and Brain Conference, Munich, DE  
Plenary Address (declined), 29<sup>th</sup> World Summit on Positive Psychology, New York, NY  
59<sup>th</sup> Annual Meeting of the Psychonomic Society, New Orleans, LA  
7<sup>th</sup> International Conference on Spatial Cognition, Rome, IT  
40<sup>th</sup> Annual Conference of the Cognitive Science Society, Madison, WI  
Colloquium, Psychology Department, Cornell University, Ithaca, NY
- 2017 Invited talk, CIMeC, University of Trento, Trento, IT  
Invited talk, Handedness: From Evolution to Neuroscience, Academia dei Lincei, Rome, IT  
Invited talk, Fall Fest, Cornell University, Ithaca, NY  
Invited talk, Behavioral Economics and Decision Research Showcase, Cornell University, Ithaca, NY  
Invited talk, Center for Gesture, Sign, and Language, University of Chicago, Chicago, IL  
Invited talk, 89<sup>th</sup> Annual Meeting of the Midwest Psychological Association, Chicago, IL  
Invited talk, Literature and Knowledge Workshop, University of Chicago, Chicago, IL  
Invited talk, IVY Thought Leader Dinner, Chicago, IL
- 2016 Colloquium, Department of Human Development, Cornell University, Ithaca, NY  
AAAS Annual Meeting, Washington, DC  
7<sup>th</sup> Conference of the International Society for Gesture Studies, Paris, FR  
2<sup>nd</sup> International Meeting of the Psychonomic Society, Granada, ES  
28<sup>th</sup> Annual Convention of the Association for Psychological Science, Chicago, IL  
Invited talk (declined), Chicago Science Festival, Chicago, IL  
Invited talk, 10<sup>th</sup> Triennial Invitational Choice Symposium, Lake Louise, CA
- 2015 Invited Talk, TEDx UChicago: The Incredible Unknown  
Invited Talk, Chicago Science Festival, Chicago, IL  
Invited Talk (declined), 95<sup>th</sup> Annual Convention of the Western Psychological Association, Las Vegas, NV  
Invited Talk, Workshop on successful fellowship and grant writing, University of Chicago, Chicago, IL  
Colloquium, Booth School of Business, University of Chicago, Chicago, IL  
Colloquium, Psychology Department, Illinois State University, Normal, IL  
Invited Talk, Spatial Grounding of Learning, SILC, University of Chicago, Chicago, IL  
56<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL
- 2014 Plenary Address, 5<sup>th</sup> UK Cognitive Linguistics Conference, Lancaster, UK  
Keynote Address (declined), Int'l Conference on the Multimodal Experience of Music, Sheffield, UK  
Keynote Address, Embodiment of Abstract Concepts Symposium, University of Milano-Bicocca, Milan, IT

- Invited Talk, Metaphor: From Embodied Cognition to Discourse, Cagliari, IT
- Invited Talk, CIMEC, University of Trento, Trento, IT
- Invited Talk, MET Project Meeting, University of Granada, Granada, ES
- Invited Talk, New and Interdisciplinary Approaches to Linguistic Relativity, GURT 2014, Wash., DC
- Invited Talk, The Mind in Context, Big Ideas Generator, University of Chicago, Chicago, IL
- Invited Talk, Center for Gesture, Sign, and Language, University of Chicago, Chicago, IL
- Invited Talk, Cognitive & Developmental Brown Bag, University of Chicago, Chicago, IL
- Invited Talk, Science and Literature Workshop, University of Chicago, Chicago, IL
- Invited Talk, Soc. for Personality & Social Psych., 4<sup>th</sup> Annual Embodiment Preconference, Austin, TX
- Colloquium, Cognitive Science Northwestern University, Evanston, IL
- Colloquium, Department of Psychological Sciences, Purdue University, West Lafayette, IN
- Colloquium, Department of Psychology, University of Wisconsin at Madison, Madison, WI
- 55<sup>th</sup> Annual Meeting of the Psychonomic Society, Long Beach, CA
- 36<sup>th</sup> Annual Meeting of the Cognitive Science Society, Quebec City, Quebec
- 2013 Invited Talk, Workshop on Language, Cognition, and Computation, University of Chicago, Chicago, IL
- Invited Talk, 3<sup>rd</sup> Morris International Symposium on Language and Communication, Stony Brook, NY
- Invited Workshop, Center for Semiotics, Aarhus University, Aarhus, DK
- Keynote Address, Conference on Gesture, Sign, & Language, University of Chicago, Chicago, IL
- Keynote Address, Symposium, Keeping the Body in Mind, The New School, New York, NY
- Invited Talk, McDonnell Scholar Award Recipient Meeting, Cambridge University, Cambridge, UK
- Invited Talk, Graduate Student Evening, 12<sup>th</sup> Int'l Conference on Cognitive Linguistics, Edmonton, CA
- Colloquium, Department of Linguistics, Georgetown University, Washington, DC
- Invited Talk, Psychology Department, University of Chicago, Chicago, IL
- Invited Talk, Music Department, University of Sheffield, Sheffield, UK
- Colloquium, Department of Psychology, University of Chicago, Chicago, IL
- 2012 Plenary Address, 8<sup>th</sup> International Conference of the Spanish Cognitive Linguistics Assoc., Almeria, ES
- Plenary Address, 5<sup>th</sup> International Conference of the German Cognitive Linguistics Assoc., Freiburg, DE
- Plenary Address, 11<sup>th</sup> Conf. on Conceptual Structure, Discourse, & Language, Vancouver, CA
- Colloquium, Brain Mind Institute, Lauzanne, CH
- Colloquium, Department of Psychology, Cornell University, Ithaca, NY
- Colloquium, Department of Psychology, University of York, York, UK
- Colloquium, Department of Psychology, University of Edinburgh, Edinburgh, UK
- Colloquium, Department of Psychology, University College London, London, UK
- Colloquium, Laboratoire Psychologie de la Perception, University of Paris, Paris, FR
- Colloquium, Cognition and Perception Program, New York University, New York, NY
- Colloquium, Psychology Department, Columbia University, New York, NY
- 2011 Plenary Address, 4<sup>th</sup> International Conference on Metaphor and Thought, Porto Alegre, BL
- Keynote Address, Workshop on Perspective and Embodiment, Boston, MA
- 33<sup>rd</sup> Annual Meeting of the Cognitive Science Society, Boston, MA
- Colloquium, Department of Psychology, Yale University, New Haven, CT
- Colloquium, Department of Psychology, Stony Brook University, Stony Brook, NY
- Colloquium, Department of Psychology, VU University, Amsterdam, NL
- Colloquium, Department of Psychology, Cardiff University, Cardiff, UK
- 2010 Keynote Address, Clean Language Conference, London, UK
- Keynote Address, Workshop on Special Bodies and Uncommon Behaviors, Mt. Hood, OR
- Invited Talk, Workshop on Words and Concepts, Granada, ES
- 16<sup>th</sup> Conference on Architectures and Mechanisms for Language Processing, York, UK
- Spatial Cognition VII, Mt. Hood, OR
- 32<sup>nd</sup> Annual Meeting of the Cognitive Science Society, Portland, OR
- 4<sup>th</sup> Conference of the International Society for Gesture Studies, Frankfurt an der Oder, DE
- Colloquium, Department of Psychology, University of Würzburg
- Colloquium, Department of Informatics, University of Edinburgh
- Colloquium, Department of Psychology, University of Richmond
- Gesture Focus Group, Department of Psychology, SUNY Stony Brook
- Language-Valence Workshop, Max Planck Institute for Psycholinguistics (MPI), Nijmegen, NL
- 2009 Plenary Address, Swedish Association for Language and Cognition, Stockholm, SG

- Plenary Address and Workshop, Researching and Applying Metaphor (RaAM), Amsterdam, NL  
 Plenary Address, Cognitive Science Student Conference, Case Western Reserve University  
 Center for Cognitive Neuroscience, University of Pennsylvania  
 Laboratory for Developmental Studies, Harvard University  
 Colloquium, New School for Social Research  
 Colloquium, University of Bielefeld, DE  
 Colloquium, Tilburg University, NL  
 Colloquium, University of Trieste, IT  
 Colloquium, UT-MPI Collaboration, University of Texas at Austin  
 Cog Lunch, Department of Brain & Cognitive Sciences, MIT  
 31st Annual Meeting of the Cognitive Science Society, Amsterdam, NL  
 Embodied and Situated Language Processing, Rotterdam, NL  
 Symposium on Space, Time, and Number, Society for Research in Child Development, Denver, CO  
 Symposium on Embodied Cognition, Society for Research in Child Development, Denver, CO  
 Colloquium, Department of Cognitive Science, UC San Diego  
 Colloquium, University of Heidelberg, DE  
 Colloquium, CNRS, Université René Descartes, Paris, FR  
 Colloquium, Donders Centre for Cognition, Nijmegen, NL  
 2008 Plenary Address, NCCR Affective Sciences, Geneva, CH  
 Plenary Workshop, 2<sup>nd</sup> Postgraduate Conference on Cognitive Linguistics, Brighton, UK  
 49<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL  
 Colloquium, Max Planck Institute for Evolutionary Anthropology (MPI), Leipzig, DE  
 Psychology Colloquium, Erasmus University, Rotterdam, NL  
 Psychology Colloquium, University of California at Berkeley  
 Psychology Colloquium, Vanderbilt University  
 Colloquium, Max Planck Institute for Psycholinguistics (MPI), Nijmegen, NL  
 Cognitive Science Colloquium, Case Western Reserve University  
 Psychology Colloquium, University of Hawaii at Manoa  
 Plenary, The Science of Gesture, University of California at Merced  
 Symposium, 30<sup>th</sup> Annual Meeting of the Cognitive Science Society, Washington, D.C.  
 Symposium, International Conference on Language, Communication, & Cognition, Brighton, UK  
 2007 Center for Research in Language, UC San Diego  
 Cog Lunch Colloquium, Department of Brain and Cognitive Sciences, MIT  
 Psychology Colloquium, Williams College  
 Psychology Colloquium, University of California at Santa Cruz  
 Psychology Colloquium, Erasmus University, Rotterdam, NL  
 Gesture Group, Max Planck Institute for Psycholinguistics (MPI), Nijmegen, NL  
 Guiora Roundtable on Cognitive Neuroscience of Language, MPI, Nijmegen, NL  
 48<sup>th</sup> Annual Meeting of the Psychonomic Society, Long Beach, CA  
 Neural Theory of Language (NTL) Group, University of California at Berkeley  
 Cognition & Action Lab, University of California at Berkeley  
 13<sup>th</sup> Conference on Architectures and Mechanisms for Language Processing, Turku, Finland  
 Embodied Sentence Processing Workshop, Saarland, Germany  
 29<sup>th</sup> Annual Conference of the Cognitive Science Society, Nashville, TN  
 3<sup>rd</sup> International Conference of the International Society for Gesture Studies, Evanston, IL  
 2<sup>nd</sup> Conference of the UK-Cognitive Linguistics Association, Cardiff, Wales  
 10<sup>th</sup> International Cognitive Linguistics Association Conference, Krakow, Poland  
 SPLAT! (Stanford Psychology of Language Tea), Stanford University  
 Stanford-Berkeley Talks, Stanford University  
 Friday Cognitive Seminar, Department of Psychology, Stanford University  
 SLUGs (Stanford Language Users' Group), Stanford University  
 Cogtale Hour, Stanford University  
 PhilosoTea, Stanford University  
 2006 28<sup>th</sup> Annual Conference of the Cognitive Science Society, Vancouver, BC  
 Neural Theory of Language (NTL) Group, University of California at Berkeley  
 Gesture Group, University of California at Berkeley

- Cognition & Action Lab, University of California at Berkeley  
 New Ways of Analyzing Variation (NWAY 26), Columbus, OH  
 Friday Cognitive Seminar, Department of Psychology, Stanford University  
 SLUGs (Stanford Language Users' Group), Stanford University  
 Cogtale Hour, Stanford University
- 2005 Technological and Aesthetic Transformations of Society Conference, Darmstadt, Germany  
 1<sup>st</sup> UK Conference in Cognitive Linguistics, Brighton, UK  
 Friday Cognitive Seminar, Department of Psychology, Stanford University  
 SPLAT! (Stanford Psychology of Language Tea), Stanford University  
 Cogtale Hour, Stanford University
- 2004 Symbolic Systems Program (SSP) Forum, Stanford University  
 European Science Foundation Conference on Language, Metaphor, & Mind, Granada, Spain  
 SLUGs (Stanford Language Users' Group), Stanford University  
 Cogtale Hour, Stanford University  
 Cog Lunch Colloquium, Department of Brain and Cognitive Sciences, MIT
- 2003 26<sup>th</sup> Annual Conference of the Cognitive Science Society, Chicago, IL  
 Friday Cognitive Seminar, Department of Psychology, Stanford University  
 SLUGs (Stanford Language Users' Group), Stanford University  
 Brain & Behavior Seminar, Department of Psychology, Harvard University  
 Laboratory for Developmental Studies, Harvard University  
 Department of Psychology, Aristotle University of Thessaloniki, Greece  
 8<sup>th</sup> International Cognitive Linguistics Association Conference, Logroño, Spain  
 25<sup>th</sup> Annual Conference of the Cognitive Science Society, Boston, MA
- 2002 Cog Lunch Colloquium, Department of Brain and Cognitive Sciences, MIT
- 2001 7<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping, Brighton, UK  
 29<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Chicago, IL  
 Cog Lunch Colloquium, Department of Brain and Cognitive Sciences, MIT  
 Language Research Seminar, Cognitive Neuropsychology Laboratory, Harvard University  
 Brain and Language Seminar, Institute for Research in Cognitive Science, University of Pennsylvania
- 2000 22<sup>nd</sup> Annual Conference of the Cognitive Science Society, Philadelphia, PA.  
 28<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Denver, CO

### **Reviewing (60+ Journals)**

Acta Psychologica	European Journal of Social Psychology
<b>Archives of Scientific Psychology (Consulting Editor)</b>	Experimental Psychology
Attention, Perception, & Psychophysics	Experimental Brain Research
BBS	Frontiers in Cognition
Brain & Cognition	<b>Frontiers in Cognitive Science (Associate Editor)</b>
Brain & Language	<b>Frontiers in Perception (Associate Editor)</b>
Brain Research	Gesture
Brain Research Bulletin	Journal of Cognitive Neuroscience
Cerebral Cortex	<b>JEP: General (Consulting Editor)</b>
Cognition	JEP: Human Perception & Performance
Cognitive Brain Research	JEP: Learning, Memory, & Cognition
Cognitive Linguistics	Journal of Experimental Social Psychology
Cognitive Development	Journal of the International Neuropsychological Society
Cognitive Science	Journal of Memory & Language
<b>Cognitive Processing (Associate Editor)</b>	Journal of Neurolinguistics
Cognitive Psychology	Journal of Personality and Social Psychology
Consciousness and Cognition	<b>Language &amp; Cognition (General Editor)</b>
Cortex	Language & Cognitive Processes
Current Biology	Language
Developmental Science	Language Learning
<b>Discourse Processes (Editorial board)</b>	Memory & Cognition
eLife	Neuroimage
Emotion	Neuropsychologia

Perspectives on Psychological Science	Psychophysiology
<b>PLoS ONE (Academic Editor)</b>	Royal Society Open Science
<b>PNAS (Ad Hoc Editor)</b>	Science
Proceedings of the Royal Society B: Biological Sciences	Scientific Reports
<b>Psychological Science (Editorial board)</b>	Spatial Cognition and Computation
Psychological Research	Trends in Cognitive Sciences
Psychological Review	Quarterly Journal of Experimental Psychology
Psychological Bulletin	WIREs Cognitive Science
Psychonomic Bulletin & Review	

## **Teaching**

2020 How to think like a scientist, Cornell University, Ithaca, NY

2018-19 Human Brain & Mind: Introduction to Cognitive Neuroscience, Cornell University, Ithaca, NY

2017- Language and the Senses (with Leslie Kay), University of Chicago, IL  
Trial Research, University of Chicago, Chicago, IL

2016- Trial Research, University of Chicago, Chicago, IL  
The Mind, University of Chicago, Chicago, IL

2015 Minds, Brains, and Concepts, University of Chicago, Chicago, IL  
Language and the Body (with Susan Goldin Meadow), LSA Summer Institute, Chicago, IL  
Embodiment, Thinking, and Learning (with Susan Goldin-Meadow), University of Chicago, Chicago, IL  
The Body in the Mind, University of Chicago, Chicago, IL

2014-15 The Mind, University of Chicago, Chicago, IL  
Trial Research, University of Chicago, Chicago, IL

2012 How Experience Shapes the Mind, Eugene Lang College, The New School, New York, NY

2012-13 Experiential Relativity, The New School for Social Research, New York, NY

2012 Body and Cognition, The New School for Social Research, New York, NY

2012 Empirical Methods in Cognitive Linguistics (EMCL), Case Western Reserve University, Cleveland, OH

2011-13 The Body in the Mind, Eugene Lang College, The New School, New York, NY

2008-10 Lecturer in Cognitive Neuroscience, Language and the Brain, Radboud University, Nijmegen, NL

2009 Instructor, NWO Autumn School in Cognition, Doorwerth, NL  
Instructor, Seminar in Metaphor and Metonymy, Venice International University, Venice, IT  
Guest lecturer, Psychology of Language, Erasmus University, Rotterdam, NL

2008 Seminar on Experimental Design in Linguistics, Ludwig-Maximilians-Universitaet, Munich, DK  
Guest lecturer, Psychology of Language, Erasmus University, Rotterdam, NL

2007 Co-Instructor, Language and the Body, Linguistic Society of America (LSA) Summer Institute  
Visiting Professor, Experimental Approaches to Conceptual Metaphor, University of Granada, Spain  
Guest lecturer, Introductory Psychology, Stanford University  
Guest lecturer, Language and Gender, Stanford University  
Guest lecturer, Foundations of Cognition, Stanford University

2006 Guest lecturer, Introductory Psychology, Stanford University  
Guest lecturer, Introduction to Perception, Stanford University

2005 Guest lecturer, Psychology Honors Proseminar, Stanford University

2004 Teaching Assistant, Graduate Introduction to Cognitive Science, MIT  
(Received the Walle Nauta Award for excellence in graduate-level teaching.)  
Guest lecturer, Seminar in Language & Thought, MIT

2002 Head Teaching Assistant, Introduction to Psychology, Professor Jeremy Wolfe, MIT  
Teaching Assistant, IAP Neuroanatomy Course, Professor Suzanne Corkin, MIT

2001 Teaching Assistant, Introduction to Psychology, Professor Steven Pinker, MIT

1998-00 Instructor, GRE, SAT, and MCAT preparation, Kaplan Educational Services

1996-98 Instructor, Expository Writing, Bryn Mawr College

## **Advising**

**Primary PhD advisor for:**

Sarah Dolscheid (MPI, 2013); Geoffrey Brookshire (UChicago, 2018); Tom Gijssels (UChicago); Ben Pitt (UChicago, 2018); De Fu Yap (UChicago, 2108); Rebecca Rosen (UChicago, 2017); Ché Lucero (Cornell); Amritpal Singh (Cornell); Emma Murrugarra (Cornell)

**PhD Co-Advisor for:**

Roberto Bottini (Univ. Bergamo, 2010); Juanma de la Fuente (University of Granada, 2014); Yağmur Deniz Kisa (UChicago)

**PhD Dissertation Committee Member / Reader for:**

Hiroke Kotabe (UChicago, 2016); Stephen Gray (UChicago, 2016); Keyi Sun (Univ. of Canberra, 2016) Reese Minshew (The New School, 2015); Neon Brooks (UChicago, 2014); Karly Contra (UChicago, 2014); Molly Flaherty (UChicago, 2014); Pia Aravena (Univ. Lyon, 2014); John Borghi (Stony Brook Univ., 2013); Fernando Marmolejo-Ramos (Univ. of Adelaide, 2011); Marc Ouellet (Univ. of Granada, 2010); Philip Hofmeister (Stanford Univ., 2008)

**Post-Doctoral (Co-) Advisor for:**

Molly Flaherty (UChicago, 2014-17); Roberto Bottini (The New School, 2010-12); Vicky Lai (MPI, 2009-11); Roel Willems (MPI, 2008-9)

**Intramural Service**

Member, Faculty Senate, Cornell University

Member, Resource Committee, Department of Human Development, Cornell University

Member, Faculty Search Committee (2017-18), Department of Human Development, Cornell University

Member, University of Chicago Social & Behavioral Sciences Institutional Review Board

Member, University of Chicago Council on Advanced Studies

Facilitator, Search Committee Workshops, Office of the Provost

Founding Member, Diversity Committee, Department of Psychology

Member, Public Outreach Committee, Grossman Institute for Neuroscience

Member, Executive Board, Center for Gesture, Sign, and Language (CGSL)

Member, Colloquium Committee, Department of Psychology

Scientific Director, THE THINK TANK (<http://thinktank.uchicago.edu>)

Provost's Working Group on Diversity in Faculty Search and Recruitment, Office of the Provost

Advisory Committee member, Big Ideas Generator (BIG), Office of the Vice President for Research and the Templeton Foundation

Co-Organizer, 2015 Neuroscience Retreat, Grossman Institute for Neuroscience

Co-Organizer, 2015 SILC Summer Conference, *The spatial grounding of learning: Action, Gesture, & Language*

Laboratory Social Sciences Committee, Division of Social Sciences

**Science Outreach**

Scientific Director, The Think Tank, <http://thinktank.uchicago.edu>, non-profit organization dedicated to increasing diversity in STEM, sponsored by the NSF, the Ford Motor Company Fund, and 200+ private donors.

Blog: *Malleable Mind in Psychology Today*: <http://www.psychologytoday.com/blog/malleable-mind>

TEDx talk: *The Myth of the Universal Mind*,

[https://www.youtube.com/watch?v=3i7EaKrLVd4&list=PLsRNoUx8w3rO\\_GltmryXJFGG4CEbR0fa1&index=12](https://www.youtube.com/watch?v=3i7EaKrLVd4&list=PLsRNoUx8w3rO_GltmryXJFGG4CEbR0fa1&index=12)

**Selected Press and Commentary**

Psychology Today, *How Does Communication Work?* V. Evans, January 29, 2020

<https://www.psychologytoday.com/intl/blog/language-in-the-mind/202001/how-does-communication-work-1>

- The Boston Globe, *It's a right-handed world. What if we looked at it from the left?* L. McRobbie, January 24, 2020  
<https://www.bostonglobe.com/2020/01/24/opinion/its-right-handed-world-what-if-we-looked-it-left/>
- The Huffington Post, *Journée internationale des gauchers: pensent-ils et ressentent-ils les choses différemment?* C. Gregoire, August 13, 2019, [https://www.huffingtonpost.fr/entry/les-gauchers-pensent-et-ressentent-les-choses-differemment\\_fr\\_5d5260bae4b05fa9df03c8ed](https://www.huffingtonpost.fr/entry/les-gauchers-pensent-et-ressentent-les-choses-differemment_fr_5d5260bae4b05fa9df03c8ed)
- HD Today e-News, *An interview with Daniel Casasanto's students.* A. Hermann, August 4, 2019  
<https://hdtoday.human.cornell.edu/2019/08/04/the-human-development-graduate-program-an-interview-with-daniel-casasantos-students/>
- StudyFinds, *Why Being A Righty Or Lefty Matters In Mental Health Treatment.* B. Renner, May 28, 2019  
<https://www.studyfinds.org/why-being-right-left-handed-matters-mental-health-treatment/>
- US News and World Report, *Can Being Left-Handed Really Affect Mental Health?* D. Levine, September 28, 2018  
<https://health.usnews.com/health-care/patient-advice/articles/2018-09-28/can-being-left-handed-really-affect-mental-health>
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### **Extracurricular Activities and Previous Life**

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Father of four: Francesca, Peter, Gabriel, & Julianna (Staum Casasanto & Casasanto, 2010, 2013, 2015, 2019)

Singer, Dead Tongues, Stanford Linguistics Department Band (<http://lingo.stanford.edu/dt/>)

Voice Teacher, Private lessons for aspiring and professional singers.

Opera Singer, Companies in USA, UK, France, and Italy, Broadcasts on NPR and RadioFrance.