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CONTACT INFORMATION

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RESEARCH INTERESTS

My research focuses on the differences in the brain between the conscious and unconscious aspects of action control. From a systems neuroscience perspective, the research integrates cognitive, neurobiological, and neurological approaches illuminating the nature of the basic unconscious processes and conscious mechanisms (e.g., cognitive conflict, working memory) in action control.

EDUCATION

Postdoctoral	Yale University	9/2003 – 7/2007
Ph.D.	Columbia University	5/2002
M. Phil.	Columbia University	4/2001
M.A.	Columbia University	10/2000
B.A. Psychology	University of Miami	5/1996, <i>Phi Beta Kappa, Cum Laude</i>

HONORS AND AWARDS

Academician the World Academy of Artificial Consciousness	8/28/25
Award for Editing, <i>Frontiers in Psychology</i>	3/2014
San Francisco State University Presidential Award	1/2013
For proposal, “ <i>Interactions between Conscious and Unconscious Processes in Action Production</i> ” (award resulting in release from all teaching obligations for spring 2012)	
Invited to be an Early Career Reviewer for the Center for Scientific Review of the National Institutes of Health	11/2011
One of six nominees for the Virtual Nobel Prize in Psychology (sponsored by the University of Klagenfurt, Austria)	6/2010
NIH NRSA Postdoctoral Fellowship, “A Process Model of Automatic Social Behavior” (MH069083), accepted first submission, score in top 1.2 percentile	5/2003
Richard Christie Memorial Award (dissertation research fellowship)	4/2001
Columbia University Faculty Fellowship (full support for doctoral study)	8/1997
Phi Beta Kappa	3/1996
University of Miami Stanford Scholarship	8/1994

PUBLICATIONS

DOCTORAL DISSERTATION

- Morsella, E. (2002). *The Motor Components of Semantic Representation*. (Doctoral dissertation, Columbia University, 2002). *Dissertation Abstracts International: Section B: the Sciences & Engineering*, 63 (4-B). (University Microfilms No. AA13048195).

BOOKS AND VOLUMES

- Morsella, E., Bargh, J. A., & Gollwitzer, P. M. (2009). *Oxford handbook of human action*. New York: Oxford University Press.
- Morsella, E. (2010). *Expressing oneself / expressing one's self: Communication, cognition, language, and identity*. (A Festschrift in the honor of Robert M. Krauss.) London, England: Taylor and Francis.
- Morsella, E., & Poehlman, T. A. (2013). *Consciousness and action control*, a special issue (18 articles) of the journal *Frontiers in Psychology*.

PEERED-REVIEWED JOURNAL ARTICLES, AND BOOK CHAPTERS (SFSU student names presented in **bold** font)

115. **Cook, A. J.**, Geisler, M. W., & Morsella, E. (in press). Involuntary mental imagery is influenced by visual salience. *Acta Psychologica*.
114. **Taylor, C. A.**, & Morsella, E. (in press). Do action-related urges require executed actions? Insights from the classic go/no-go task. *Psychology of Consciousness: Theory, Research, and Practice*.
113. **Pathak, S.**, Gazzaley, A., & Morsella, E. (in press). Attentional capture: The depth of processing of distractors. *Psychology of Consciousness: Theory, Research, and Practice*.
112. **White, N. A., Velasquez, A. G., Kong, F.**, Gazzaley, A., & Morsella, E. (in press). Involuntary musical imagery elicited by the reflexive imagery task. *International Journal of Psychological Studies*, 18, 2, ISSN 1918-7211..
111. **Brauer, S.**, Gazzaley, A., Toyoda, H., & Morsella, E. (in press). Habituation of stimulus-elicited involuntary cognitions: Implications for psychopathology. *Psychology of Consciousness: Theory, Research, and Practice* (an APA journal).
110. Morsella, E., **Brauer, S., Wright-Wilson, L., & Elsabbagh, T.** (2025). Attention, the homunculus, and the Greek theater effect. *Behavioral and Brain Sciences*, 48:e151. doi: 10.1017/S0140525X25000299. PMID: 41292473.
109. **Li, A. Y., Bui, N-C. T., Yankulova, J. K.**, & Morsella, E. (2026). The influence of external stimuli on the generation of voluntary thoughts. *International Journal of Psychological Studies*, 18, 11-27.
108. **Wong, C. Y., Heredia Cedillo, A.**, & Morsella, E. (2024). The priming of stimulus-elicited involuntary mental imagery. *Acta Psychologica*, 104250, ISSN 0001-6918, <https://doi.org/10.1016/j.actpsy.2024.104250>.
107. **Heredia Cedillo, A., Lambert, D.**, & Morsella, E. (2024). Identifying consciousness in other creatures: Three initial steps. *Behavioral Sciences*, 14, 337. doi: 10.3390/bs14040337
106. **Wright-Wilson, L., Elsabbagh, T.**, & Morsella, E. (2024). Stimulus-elicited involuntary autobiographical memories. *Acta Psychologica*, 104212, ISSN 0001-6918, <https://doi.org/10.1016/j.actpsy.2024.104212>.
105. **Elsabbagh, T., Wright-Wilson, L., Brauer, S.**, & Morsella, E. (2023). The habituation of higher-order conscious processes: Evidence from mental arithmetic. *Acta Psychologica*, 236, 103922. doi: 10.1016/j.actpsy.2023.103922
104. **Yankulova, J. K., Zacher, L. M., Velasquez, A. G., Dou, W.**, & Morsella, E. (2025). Stimulus-elicited involuntary cognition: Boundary conditions and systematic effects. *Psychological Reports*, 128, 4549-4572.
103. **Velasquez, A. G., Yankulova, J. K., White, N. A.**, Gazzaley, A., & Morsella, E. (2023). Involuntary refreshing of mental representations. *Acta Psychologica*, 03819, ISSN 0001-6918
102. **Bui, N-C. T., Ghafur, R. D., Yankulova, J.**, & Morsella, E. (2023). Stimulus-elicited involuntary insights and syntactic processing. *Psychology of Consciousness: Theory, Research, and Practice*, 10, 115-133. doi:10.1037/cns0000208

101. **Yankulova, J. K., Zacher, L. M., Velazquez, A. G., Dou, W., & Morsella, E.** (2022). Insuppressible cognitions in the reflexive imagery task: Insights and future directions. *Frontiers in Psychology: Cognition*, 13:957359. doi: 10.3389/fpsyg.2022.957359
100. Morsella, E., **Velasquez, A. G., Yankulova, J. K., Li, Y., & Gazzaley, A.** (2022). Encapsulation and subjectivity from the standpoint of viewpoint theory. *Behavioral and Brain Sciences*, 45, 37-38.
99. **Velasquez, A. G., Gazzaley, A., Toyoda, H., Ziegler, D. A., & Morsella, E.** (2021). The generation of involuntary mental imagery in an ecologically-valid task. *Frontiers in Psychology*, 12:759685. doi: 10.3389/fpsyg.2021.759685
98. Morsella, E., **Velasquez, A. G., Yankulova, J. K., Li, Y., Wong, C. Y., & Lambert, D.** (2020). Motor cognition: The role of sentence in perception-and-action. *Kinesiology Review*, 9, 261-274.
97. **Dou, W., Allen, A. K., Cho, H., Bhangal, S., Cook, A. J., Morsella, E., & Geisler, M. W.** (2020). EEG correlates of involuntary cognitions in the reflexive imagery task. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2020.00482. eCollection 2020
96. **Gardner, K., Walker, E. B., Li, Y., Gazzaley, A., & Morsella, E.** (2020). Involuntary attentional shifts as a function of set and processing fluency. *Acta Psychologica*, 203. doi: 10.1016/j.actpsy.2020.103009.
95. **Yankulova, J. K., & Morsella, E.** (2020). Conscious contents: Their unanalyzable, arbitrary, and unarbitrary properties. *Cognitive Neuropsychology*, 37, 187-189.
94. Graziano, M. S. A., & Morsella (2020). A new motor approach to consciousness: Implications for the simulation of future behavior. *Journal of Consciousness Studies*, 27, 88-103.
93. **Dou, W., Walker, E. B., & Morsella, E.** (2020). The prospective nature of involuntary entry into consciousness. *Journal of Consciousness Studies*, 27, 69-87.
92. **Cushing, D., Gazzaley, A., & Morsella, E.** (2019). Involuntary mental rotation and visuospatial imagery from external control. *Consciousness and Cognition*, 75. doi: 10.1016/j.concog.2019.102809. Epub 2019 Sep 12. In the field of the scientific study of consciousness, *Consciousness and Cognition* is the premier journal.
91. Morsella, E., & **Bui, N-C. T.** (2019). Why we need a blueprint for consciousness. In P. Negro, *A blueprint for the hard problem of consciousness* (pp. i – vii). New York: Bentham Science.
90. **Bhangal, S., Merrick, C., Cho, H., & Morsella, E.** (2018). Involuntary entry into consciousness from the activation of sets: Object counting and color naming. *Frontiers in Psychology*. doi.org/10.3389/fpsyg.2018.01017
89. **Dou, W., Li, Y., Geisler, M. W., & Morsella, E.** (2018). Involuntary polymodal imagery involving olfaction, audition, touch, taste, and vision. *Consciousness and Cognition*, 62, 9-20. (In the field of the scientific study of consciousness, *Consciousness and Cognition* is the premier journal.)
88. **Cho, H., Dou, W., Reyes, Z., Geisler, M. W., & Morsella, E.** (2018). The reflexive imagery task: An experimental paradigm for neuroimaging. *AIMS Neuroscience*, 5, 97-115.
87. **Cushing, D., Ghafur, R. D., & Morsella, E.** (2017). The interdependence between conscious and unconscious processes. In Z. Radman (Ed.), *Before consciousness: In search of the fundamentals of mind* (pp. 50-82). UK: Imprint Academic.
86. **Cushing, D., Gazzaley, A., & Morsella, E.** (2017). Externally controlled involuntary cognitions and their relations with other representations in consciousness. *Consciousness and Cognition*, 55, 1-10 (lead article). (In the field of the scientific study of consciousness, *Consciousness and Cognition* is the premier journal.)
85. Morsella, E., & **Reyes, Z.** (2016). The difference between conscious and unconscious brain circuits. *Animal Sentience*, 151.
84. Morsella, E., & **Walker, E. B.** (2016). What makes us conscious is not what makes us human. *Animal Sentience*, 120.
83. **Garcia, A. C., Bhangal, S., Velasquez, A. G., Geisler, M. W., & Morsella, E.** (2016). Metacognition of working memory performance: Trial-by-trial subjective effects from a new paradigm. *Frontiers in Psychology*, 7:927. doi: 10.3389/fpsyg.2016.00927
82. **Godwin, C. A., Morsella, E., & Geisler, M. W.** (2016). The origins of a spontaneous thought: EEG correlates and thinkers' source attributions. *AIMS Neuroscience*, 3(2): 203-231 doi: 10.3934/10.3934/Neuroscience.2016.2.203

81. **Allen, A. K., Krisst, L.,** Montemayor, C., & Morsella, E. (2016). Entry of involuntary conscious contents from ambiguous images. *Psychology of Consciousness: Theory, Research, and Practice*, 3, 326-337. (An APA journal)
80. **Cushing, D., Velasquez, A. G.,** & Morsella, E. (2016). Competition between cognitive control and encapsulated, unconscious inferences: Are Aha-experiences special? *Frontiers in Psychology*, 7:626. doi: 10.3389/fpsyg.2016.00626.
79. **Cho, H., Zarolia, P.,** Gazzaley, A., & Morsella, E. (2016). Involuntary symbol manipulation (Pig Latin) from external control: Implications for thought suppression. *Acta Psychologica*, 166, 37-41.
78. **Bhargal, S., Cho, H.,** Geisler, M. W., & Morsella, E. (2016). The prospective nature of voluntary action: Insights from the reflexive imagery task. *Review of General Psychology*, 20, 101-117.
77. **Bhargal, S., Allen, A. K.,** Geisler, M. W., & Morsella, E. (2016). Conscious contents as reflexive processes: Evidence from the habituation of high-level cognitions. *Consciousness and Cognition*, 41, 177-188. In the field of the scientific study of consciousness, *Consciousness and Cognition* is the premier journal.
76. Seth, A. K., Verschure, P. F. M. J., Blanke, O., Butz, M. V., Ford, J. M., Frith, C. D., Jacob, P., Kyselo, M., McGann, M., Menary, R., Morsella, E., & O'Regan, J. K. (2016). Action-oriented understanding of consciousness and the structure of experience. In Engel, A. K., Friston, K. J., & Kragic, D. (Eds.), *The pragmatic turn: Toward action-oriented views on cognitive science* (pp. 261-281). Cambridge, MA: The MIT Press.
75. **Cho, H.,** & Morsella, E. (2016). Brain and consciousness. In H. L. Miller Jr. (Ed.), *The Sage encyclopedia of theory in psychology* (p. 59). Thousand Oaks, CA: Sage Publishers.
74. **Hubbard, J., Molapour, T.,** & Morsella, E. (2016). The subjective consequences of experiencing random events. *International Journal of Psychological Studies*, 8, 120-125.
73. Morsella, E., **Godwin, C. A., Jantz, T. J.,** Krieger, S. C., & Gazzaley, A. (2016). Passive frame theory: An action-based synthesis. *Behavioral and Brain Sciences*, 39, 44-70. doi: 10.1017/S0140525X15002812.
72. Morsella, E., **Godwin, C. A., Jantz, T. J.,** Krieger, S. C., & Gazzaley, A. (2016). Homing in on consciousness in the nervous system: An action-based synthesis. *Behavioral and Brain Sciences* [Target Article], 39, 1-17. doi: 10.1017/S0140525X15000643.
71. **Berger, C. C., Dennehy, T. C.,** Bargh, J. A., & Morsella, E. (2016). Nisbett and Wilson (1977) revisited: The little that we can know and can tell. *Social Cognition*, 34, 167-195.
70. **Krisst, L.,** Montemayor, C., & Morsella, E. (2015). Deconstructing voluntary action: Unconscious and conscious component processes. In B. Eitam & P. Haggard (Eds.), *The Sense of Agency* (pp. 25-62). New York: Oxford University Press.
69. **Bhargal, S., Merrick, C.,** & Morsella, E. (2015). Ironic effects as reflexive responses: Evidence from word frequency effects on involuntary subvocalizations. *Acta Psychologica*, 159, 33-40.
68. **Merrick, C., Farnia, M., Jantz, T. K.,** Gazzaley, A., & Morsella, E. (2015). External control of the stream of consciousness: Stimulus-based effects on involuntary thought sequences. *Consciousness and Cognition*, 33, 217-225.
67. **Riddle, T. A.,** Rosen, H. J., & Morsella, E. (2015). Is that me? Sense of agency as a function of intra-psychic conflict. *Journal of Mind and Behavior*, 36, 27-46.
66. **Zarolia, P., Tomory, J. J.,** Rosen, H. J., & Morsella, E. (2015). The subjective aspects of self-control: Theory and experimental paradigms. In P. J. Corr, M. Fajkowska, & M. W. Eysenck (Eds.), *Personality and control, volume 4* (pp. 43-66). New York: Eliot Werner Publications.
65. **Cho, H., Godwin, C. A.,** Geisler, M. W., & Morsella, E. (2014). Internally generated conscious contents: Interactions between sustained mental imagery and involuntary subvocalizations. *Frontiers in Psychology*, 5: 1445. doi: 10.3389/fpsyg.2014.01445
64. **Chen, P-W., Jantz, T. K.,** & Morsella, E. (2014). The prepared reflex: Behavioral and subjective flanker interference effects. *International Journal of Psychological Studies*, 6, 1-11.
63. **Robinson, M. M.,** & Morsella, E. (2014). The subjective effort of everyday mental tasks: Attending, assessing, and choosing. *Motivation and Emotion*, 38, 832-843.
60. **Jantz, T. K., Tomory, J. J., Merrick, C., Cooper, S.,** Gazzaley, A., & Morsella, E. (2014). Subjective aspects of working memory performance: Memoranda-related imagery. *Consciousness and Cognition*, 25, 88-100.

59. **Merrick, C., Godwin, C. A.,** Geisler, M. W., & Morsella, E. (2014). The olfactory system as the gateway to the neural correlates of consciousness. *Frontiers in Psychology*, 4, 1011. doi: 10.3389/fpsyg.2013.01011.
58. **Dennehy, T. C., Cooper, C., Molapour, T.,** & Morsella, E. (2014). Is there release from masking from isomorphism between perception and action? *Brain Sciences*, 4, 220-239.
57. Corr, P. J. & Morsella, E. (2015). The conscious control of behavior: Revisiting Gray's comparator model. In P. J. Corr, M., M. Fajkowska, & Eysenck, M. (Eds.), *Personality and control, volume 4* (pp. 15-42). New York: Eliot Werner Publications.
56. **Jantz, T. K., Tomory, J. J.,** Gazzaley, A., & Morsella, E. (2013). Subjective aspects of action control for delayed actions: Action-related imagery. *Journal of Mental Imagery*, 37, 21-48.
55. Montemayor, C., **Allen, A. K.,** & Morsella, E. (2013). The seeming stability of the unconscious homunculus. *Sistemi Intelligenti*, 25, 581-600.
54. Morsella, E., & Poehlman, T. A. (2013). The inevitable contrast: Conscious versus unconscious processes in action control. *Frontiers in Psychology*, 4, 590. doi: 10.3389/fpsyg.2013.00590.
53. **Allen, A. K., Wilkins, K.,** Gazzaley, A., & Morsella, E. (2013). Conscious thoughts from reflex-like processes: A new experimental paradigm for consciousness research. *Consciousness and Cognition*, 22, 1318-1331. *Importantly, this article received the honor of being an "Editor's Choice" article for Elsevier Publishers.*
52. Gray, J. R., Bargh, J. A., & Morsella, E. (2013). Neural correlates of the essence of conscious conflict: fMRI of sustaining incompatible intentions. *Experimental Brain Research*, 229, 453-465.
51. **Godwin, C. A.,** Gazzaley, A., & Morsella, E. (2013). Homing in on the brain mechanisms linked to consciousness: Buffer of the perception-and-action interface. In A. Pereira and D. Lehmann's (Eds.), *The unity of mind, brain and world: Current perspectives on a science of consciousness* (pp. 43 - 76). Cambridge, UK: Cambridge University Press.
50. Morsella, E., **Molapour, T., & Lynn, M.** (2013). The three pillars of volition: Phenomenal states, ideomotor processing, and the skeletal muscle system. In H. S. Terrace & J. Metcalfe (Eds.), *Agency and joint attention* (pp. 284-303). New York: Oxford University Press.
49. Morsella, E., **Dennehy, T. C.,** & Bargh, J. A. (2013). Voluntary action and the three forms of binding in the brain. In A. Clark, J. Kiverstein, & T. Vierkant (Eds.), *Decomposing the will* (pp. 183-198). New York: Oxford University Press.
48. **Hubbard, J., Rigby, T., Godwin, C. A.,** Gazzaley, A., & Morsella, E. (2013). Representations in working memory yield interference effects found with externally-triggered representations. *Acta Psychologica*, 142, 127-135.
47. Morsella, E., **Hoover, M. A.,** & Bargh, J. A. (2013). Functionalism redux: How adaptive action constrains perception, simulation, and evolved intuitions. In K. L. Johnson & M. Shiffrar (Eds.), *People watching: Social, perceptual, and neurophysiological studies of body perception* (pp. 256-282). New York: Oxford University Press.
46. Morsella, E., **Lynn, M. T., Riddle, T. A.** (2013). Voluntary action and the illusion of conscious will. In H. Pashler (Ed.), *The encyclopedia of the mind* (pp. 772-774). Thousand Oaks, CA: Sage Publishers.
45. **Robinson, M. M.,** Poehlman, T. A., & Morsella, E. (2012). The subjective aspects of agency, cognitive control, and self-regulation: Findings from the action and consciousness laboratory. In A. E. Cavanna & A. Nani (Eds.), *Consciousness: States, mechanisms, & disorders* (pp. 207-230). (Volume contains a contribution from Dr. Alfredo Pereira Jr.)
44. Poehlman, T. A., **Jantz, T. K.,** & Morsella, E. (2012). Adaptive skeletal muscle action requires anticipation and 'conscious broadcasting.' *Frontiers in Psychology*, 3, 369. doi:10.3389/fpsyg.2012.00369
43. Morsella, E., & Ben-Zeev, A. (2012). Cognition and action in the social world. In S. T. Fiske & C. N. Macrae (Eds.), *Sage handbook of social cognition* (pp. 278-294). Thousand Oaks, CA: Sage.
42. Larson, L. R. L., Morsella, E., & Bargh, J. A. (2012). Mental modes: Priming of expertise-based dispositions in expertise-unrelated contexts. *Psicologica: International Journal of Methodology and Experimental Psychology*, 33, 305-317.
41. **Lynn, M. T., Riddle, T. A.,** & Morsella, E. (2012). The phenomenology of quitting: Effects from repetition and cognitive effort. *Korean Journal of Cognitive Science*, 23, 25-46.

40. **Berger, C. C.**, Bargh, J. A., & Morsella, E. (2012). The 'what' of doing: Introspection-based evidence for James's ideomotor principle. In A. Durante & C. Mammoliti (Eds.), *Psychology of self-control* (pp. 145-160). New York: Nova.
39. Paik, J. H., **Luong, H. N.**, & Morsella, E. (2012). Giving children a prefrontal cortex? Increased mental control through external cues. In A. Durante & C. Mammoliti (Eds.), *Psychology of self-control* (pp. 175-186). New York: Nova.
38. Morsella, E., **Zarolia, P.**, & Gazzaley, A. (2012). Cognitive conflict and consciousness. In B. Gawronski & F. Strack (Eds.), *Cognitive consistency: A Fundamental principle in social cognition* (pp. 19-46). New York: Guilford Press.
37. **Molapour, T.**, **Berger, C. C.**, & Morsella, E. (2011). Did I read or did I name? Diminished awareness of processes yielding identical 'outputs.' *Consciousness and Cognition*, 20, 1776-1780.
36. **Hubbard, J.**, Gazzaley, A., & Morsella, E. (2011). Traditional response interference from anticipated action outcomes: A response-effect compatibility paradigm. *Acta Psychologica*, 138, 106-110.
35. Morsella, E., Krieger, S. C., & **Berger, C. C.** (2011). Cognitive and neural components of the phenomenology of agency. *Neurocase*, 17, 209-230.
34. Morsella, E., & **Jantz, T.** (2011). Conscious states are a crosstalk mechanism for only a subset of brain processes. *Journal of Cosmology*, 14, 4469-4471. (Special issue edited by Sir Roger Penrose.)
33. Morsella, E., **Feinberg, G., H.**, **Cigarchi, S.**, Newton, J. W., & Williams, L. E. (2011). Sources of avoidance motivation: Valence effects from physical effort and mental rotation. *Motivation and Emotion*, 35, 296-305.
32. Morsella, E., Larson, L. R. L., **Zarolia, P.**, & Bargh, J. A. (2011). Stimulus control: The sought or unsought influence of the objects we tend to. *Psicologica: International Journal of Methodology and Experimental Psychology*, 32, 145-170.
31. Morsella, E., & Bargh, J. A. (2011). Unconscious action tendencies: Sources of 'un-integrated' action. In J. T. Cacioppo & J. Decety (Eds.), *The Oxford handbook of social neuroscience* (pp. 335 - 347). New York: Oxford University Press.
30. **Molapour, T.**, & Morsella, E. (2011). Valence from conflict? Preliminary evidence from Stroop interference. *Journal of Communications Research*, 3, 255-270. (Also appeared in **Molapour, T.**, & Morsella, E. [2011]. Valence from conflict? Preliminary evidence from Stroop interference. In L. M. Warfelt [Ed.], *Language acquisition* [pp. 139-154]. New York: Nova.)
29. **Lynn, M. T.**, **Berger, C. C.**, **Riddle, T. A.**, & Morsella, E. (2010). Mind control? Creating illusory intentions through a phony brain-computer interface. *Consciousness and Cognition*, 19, 1007-1012.
28. Morsella, E., Montemayor, C., **Hubbard, J.**, & **Zarolia, P.** (2010). Conceptual knowledge: Grounded in sensorimotor states, or a disembodied deus ex machina? *Behavioral and Brain Sciences*, 33, 455-456.
27. Morsella, E., & Bargh, J. A. (2010). What is an output? *Psychological Inquiry*, 21, 354-370.
26. Morsella, E., Ben-Zeev, A., **Lanska, M.**, & Bargh, J. A. (2010). The spontaneous thoughts of the night: How future tasks breed intrusive cognitions. *Social Cognition*, 28, 640-649.
25. Morsella, E., & **Hubbard, J.** (2010). Controlled-reflective processes arise from integrative action-goal selection in the ventral pathway. *European Journal of Personality*, 24, 412-416.
24. Morsella, E., & Bargh, J. A. (2010). Unconscious mind. In I. B. Weiner & W. E. Craighead (Eds.), *The Corsini encyclopedia of psychology and behavioral science, Fourth Edition* (Volume 4, pp. 1817-1819). New Jersey: John Wiley & Sons.
23. Morsella, E., & Montemayor, C. (2010). ¿Somos conscientes de toda la información que integra nuestro cerebro?: La Teoría de la Interacción Supramodular. *Ciencia Cognitiva*, 4, 44-46.
22. Morsella, E., Larson, L. R. L., Bargh, J. A. (2010). Indirect cognitive control, working-memory-related movements, and sources of automatisms. In E. Morsella (Ed.), *Expressing oneself / expressing one's self: Communication, cognition, language, and identity* (pp. 61-90). London: Psychology Press.
21. Morsella, E. (2010). Prologue: A Festschrift in the honor of Robert M. Krauss. In E. Morsella (Ed.), *Expressing oneself / expressing one's self: Communication, cognition, language, and identity* (pp. xiii - xxviii). London: Psychology Press.

20. Morsella, E., Krieger, S. C., & Bargh, J. A. (2010). Minimal neuroanatomy for a conscious brain: Homing in on the networks constituting consciousness. *Neural Networks*, 23, 14-15.
19. Bargh, J. A., & Morsella, E. (2010). Unconscious behavioral guidance systems. In Agnew, C. R., Carlston, D. E., Graziano, W. G., & Kelly, J. R. (Eds.), *Then a miracle occurs: Focusing on behavior in social psychological theory and research* (pp. 89-118). New York: Oxford University Press.
18. Morsella, E., Gray, J. R., Krieger, S. C., & Bargh, J. A. (2009). The essence of conscious conflict: Subjective effects of sustaining incompatible intentions. *Emotion*, 9, 717-728.
17. Morsella, E., Wilson, L. E., **Berger, C. C.**, Honhongva, M., Gazzaley, A., & Bargh, J. A. (2009). Subjective aspects of cognitive control at different stages of processing (7-experiment article). *Attention, Perception, & Psychophysics*, 71, 1807-1824.
16. Morsella, E., **Lanska, M.**, **Berger, C. C.**, & Gazzaley, A. (2009). Indirect cognitive control through top-down activation of perceptual symbols. *European Journal of Social Psychology*, 39, 1173-1177.
15. Morsella, E., **Riddle, T. A.**, & Bargh, J. A. (2009). Undermining the foundations: Questioning the basic notions of associationism and mental representation. *Behavioral and Brain Sciences*, 32, 218-219.
14. Morsella, E., Krieger, S. C., & Bargh, J. A. (2009). The function of consciousness: Why skeletal muscles are 'voluntary' muscles. In E. Morsella, J. A. Bargh, & P. M. Gollwitzer, *Oxford handbook of human action* (pp. 625-634). New York: Oxford University Press.
13. Morsella, E. (2009). The mechanisms of human action: Introduction and background. In E. Morsella, J. A. Bargh, & P. M. Gollwitzer, *Oxford handbook of human action* (pp. 1-32). New York: Oxford University Press.
12. Bargh, J. A., & Morsella, E. (2008). The unconscious mind. *Perspectives on Psychological Science*, 3, 73-79.
11. Morsella, E., Krieger, S. C., & **Rizzo-Fontanesi, S.** (2007). The primary function of consciousness in the nervous system. *Annual Review of Biomedical Sciences*, 9, 37-40.
10. Morsella, E., & Bargh, J. A. (2007). Supracortical consciousness: Insights from temporal dynamics, processing-content, and olfaction. *Behavioral and Brain Sciences*, 30, 100.
9. Levine, L. R., Morsella, E., & Bargh, J. A. (2007). The perversity of inanimate objects: Stimulus control by incidental musical notation. *Social Cognition*, 25, 267-283.
8. Morsella, E. (2005). The function of phenomenal states: Supramodular interaction theory. *Psychological Review*, 112, 1000-1021.
7. Morsella, E., & Krauss, R. M. (2005). Muscular activity in the arm during lexical retrieval: Implications for gesture-speech theories. *Journal of Psycholinguistic Research*, 34, 415-427.
6. Morsella, E., & Krauss, R. M. (2005). Can motor states influence semantic processing? Evidence from an interference paradigm. In A. Columbus (Ed.), *Advances in Psychology Research*, 36, 163-182. New York: Nova.
5. Morsella, E., & Krauss, R. M. (2004). The role of gestures in spatial working memory and speech. *American Journal of Psychology*, 117, 411-424.
4. Morsella, E. (2003). The function of phenomenal states: Is there progress for the "softer problem" of consciousness? *Psychological Reports*, 93, 435-440.
3. Krauss, R. M., Freyberg, R., & Morsella, E. (2002). Inferring speaker's physical attributes from their voices. *Journal of Experimental Social Psychology*, 38, 618-625.
2. Morsella, E., & Miozzo, M. (2002). Evidence for a cascade model of lexical access in speech production. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 28, 555-563.
1. Krauss, R. M., & Morsella, E. (2000/2006 [second edition]). Communication and conflict. In M. Deutsch & P. T. Coleman (Eds.), *The handbook of conflict Resolution: Theory and practice* (pp. 131-143 [pp. 144-157 for 2nd edition]). San Francisco, CA: Jossey-Bass.

FICTION

"Last Voyage to Coronado." *Italian Americana*, Summer 2001.

The Octopus Wars: The Collected Fictions of Ezequiel Morsella, 2016, Arauco Publishers. For a review of this published fiction, see *Italian Americana*, Vol. XXIX, Summer 2011.

REPRESENTATIVE PRESENTATIONS (E.G., COLLOQUIA AND SYMPOSIA)

48. *Consciousness and Its Three Stages of Processing (Part 1 and Part 2)*, Mini-Conference on Perception-and-Action (organized by Prof. Ezequiel Morsella), November 11th through 13th, Department of Psychology, San Francisco State University.
47. *The Stages of Processing Associated with Consciousness*. Institute for Research in the Social Sciences, Stanford University, October 23rd, 2025
46. *Consciousness and Its Three Stages of Processing: New Insights*. Department of Neurology, University of California, San Francisco, October 20th, 2025.
45. *The Scientific Study of Consciousness: The Next Thirty Years*. Served as an invited discussant for the multi-day, “think tank” conference organized by UCLA and Chapman University, Arrowhead Lake, California, May 8th – 11th, 2025.
44. *Consciousness and Its Three Stages of Processing*. International Conference of Psychology Students (CISP). Cluj-Napoca, Romania, 4/13/25.
43. *Consciousness and Its Three Stages of Processing*. Department of Psychology, University of California, Santa Cruz, 3/7/25.
42. *Consciousness and the Brain: Stages of Processing and New Insights*. Department of Neurology, University of California, San Francisco, 8/19/2024.
41. *Three New Clues about Consciousness and the Brain*. Department of Neurology, University of California, San Francisco, 11/13/2023.
40. *The Five Burdens of Encapsulation*. The Historicity of Consciousness (a workshop). Department of Humanities, San Francisco State University, 5/14/2019.
39. *The Five Burdens of Encapsulation*. Northern California Consciousness Conference. University of California, Davis, 3/15/2019.
38. *The Interaction between Conscious and Unconscious Processes in the Nervous System*. Neuroscience Speaker Series, University of San Francisco, 10/12/2017.
37. *The Function of Consciousness in the Nervous System: Passive Frame Theory*. Center for the Explanation of Consciousness, Stanford University, 4/14/2016.
36. *Passive Frame Theory: A New Synthesis*. Northern California Consciousness Conference. University of California, Davis, 3/4/2016.
35. *Conscious and Unconscious Processes in Nervous Function: An Action-Based Synthesis*. Department of Psychology, University of California, Santa Cruz, 4/16/14.
34. *The Pragmatic Turn in Cognitive Science*. Served as an invited discussant for the multi-day, “think tank” conference organized by Ernst Strüngmann Forum, Frankfurt Institute for Advanced Study, Germany, 8/26-31/2014.
33. *New Robust Paradigms for the Study of Consciousness and the Brain*, Biomagnetic Imaging Laboratory, Department of Radiology and Biomagnetic Imaging, University of California, San Francisco, 11/20/2013.
32. *Homing in on Consciousness in the Nervous System*, Department of Psychology Colloquium, Cornell University, 11/1/2013.
31. *Consciousness as a Reflexive Processes: New Paradigms*, lecture delivered for the seminar, *Distinguished Speakers in Behavioral and Brain Sciences*, Department of Psychology, Cornell University, 10/31/2013.
30. *Homing in on Consciousness in the Nervous System*, lecture delivered on the occasion of the visit of California State University Chancellor Timothy White to San Francisco State University, 9/4/2013.
29. *Action, Consciousness, and the Brain: A New Synthesis and Robust Experimental Paradigms*, Grand Rounds of the Memory and Aging Center, Department of Neurology, University of California, San Francisco, 10/8/13.
28. *Homing in on Consciousness in the Nervous System*, Northern California Consciousness Meeting, Center for Mind and Brain, University of California, Davis.
27. *Homing in on the Neural Correlates and Basic Cognitive Mechanisms Associated with Conscious States: Implications for Self-Regulation, Personality and Control*, Warsaw School of Social Sciences and Humanities, 8/13/12.
25. *The Primary Function of Consciousness in the Brain*, presented at the conference, *Evolution and Function of Consciousness*, Institute of Cognitive Sciences at Université du Québec à Montréal, 6/30/12.

26. *The Circumscribed Role of Consciousness in the Prospective Brain*, Institute for Prospective Cognition, Illinois State University, 6/26/11.
24. *The Circumscribed Integrative Role of Conscious States in the Brain*. Departmental Colloquium, Department of Psychology, University of California, Santa Cruz, 5/18/11.
23. *Nisbett and Wilson (1977) Revisited: The Little That We Can Know And Tell: The Circumscribed Role of Consciousness in the Brain*. Symposium delivered by co-author and former student Christopher C. Berger at the Annual Meeting of the European Association for Social Psychology, Stockholm, Sweden, 7/16/11.
22. *Consciousness and the Three Forms of Binding in the Brain*, The Cognition, Brain, and Behavior Program at the Department of Psychology, University of California, Berkeley, 2/3/2011.
21. *Conscious States Integrate Only Certain Kinds of Information for Adaptive Action*. Department of Psychology, University of Michigan, 2/23/2011
20. *Conscious and Unconscious Action: Conscious States are Necessary to Integrate Only Certain Brain Processes*, Department of Psychology, Michigan State University, 2/25/11.
19. *Conscious States are a Crosstalk Mechanism for Only a Subset of Brain Processes*, presented in *Consciousness: Facts, fictions, and functions*, a pre-conference at the annual meeting of the Society for Personality and Social Psychology, San Antonio, 1/27/2011.
18. *Conscious States are a Crosstalk Mechanism for Only a Subset of Brain Processes*, Institute of Cognitive Neurology (INECO), Buenos Aires, 1/11/11.
17. *Conscious and unconscious action: Social, cognitive, and neural aspects*. Department of Psychology, University of California, Davis, 11/9/09.
16. *The Three Pillars of Volition: Phenomenal States, Ideomotor Processing, and the Skeletal Muscle System*, Symposium presented at "Joint Attention and Agency," Columbia University, 6/12-13/09.
15. *Action, Consciousness, and the Prospective Brain: A Cognitive Neuroscience Approach*, Grand Rounds of the Memory and Aging Center, University of California, San Francisco, Department of Neurology, 2/13/09.
14. *The Primary Function of Consciousness in the Nervous System*, Neurocena Lecture, Faculty of Medicine, University of Buenos Aires, Argentina, 8/8/08.
13. *Neural Correlates of the Essence of Conscious Conflict during Self-Control*, Department of Physics, University of Buenos Aires, Argentina, 8/7/08.
12. *Neural Correlates of the Subjective Aspects of Cognitive Conflict*, Department of Psychology, Yonsei University, Seoul, South Korea, 7/25/08.
11. *What Consciousness is for*. Laboratoire Psychologie de la Perception, CNRS, University of Paris, Descartes, 7/8/08.
10. *Voluntary Action, the Function of Consciousness, and the Skeletal Muscle System*, Symposium presented at "Consciousness, Agency, and the Will: An Interdisciplinary Conference," University of Edinburgh, Scotland, 6/28/2008.
9. *The Primary Function of Consciousness and Why Skeletal Muscles are 'Voluntary' Muscles*, Colloquium, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, 6/26/08.
8. *Mechanisms of Speech Production*, Key note speech at the annual meeting of the Psi Chi Honors Society, San Francisco State University, 5/8/2008
7. *The Primary Function of Consciousness*, Department of Psychology, Harvard University, 10/26/2006.
6. *Out of the Blue: Sources of Automatisms, Co-Speech Gestures, and Other Spontaneous Actions*. Symposium presented at "Expressing Oneself/ Expressing One's Self: A Festschrift in honor of Robert M. Krauss," a conference organized by Ezequiel Morsella at Columbia University, New York, 6/10/2006.
5. *Nonconscious and Conscious Action Plans*, Department of Psychology, Columbia University, 2/21/2005.
4. *Nonconscious Activation of Action Plans: A cascade framework*, Department of Psychology, Yale University, 3/22/2005.
3. *The Primary Function of Phenomenal States: Supramodular Interaction Theory*. Symposium presented at the Annual Convention of the Society for Experimental Social Psychology, San Diego, California, 10/10/2005.

2. Krauss, R. M., & Morsella, E. *Stereotyping and the Vocal Embodiment of Identity*. Symposium presented by R.M.K. at “Communication-Based Approaches to Stereotype Research.” Heidelberg, Germany, 6/14/2003.
1. Krauss, R. M., & Morsella, E. (2002). *Gesture as a Facilitator of Lexical Access*. Symposium presented at “Gesture: The Living Medium, the First Congress of the International Society for Gesture Studies,” Austin, Texas, 6/7/2002.

ARCHIVED RESEARCH REPORTS

Kong, F., Geisler, M. W., & Morsella, E. (2025, January 18). *Flanker Interference from Activation of Mental Imagery: A Proof of Concept*. Retrieved from *PsyArXiv*, osf.io/preprints/psyarxiv/f3bq9

Li, Y., Bui, N-C. T., Yankulova, J. K., & Morsella, E. (2025). *The Influence of External Stimuli on the Generation of Voluntary Thoughts*. Retrieved from *PsycArXiv*, https://osf.io/preprints/psyarxiv/3a6qd_v1?view_only=

White, N. A., Velasquez, A. G., Kong, F., Gazzaley, A., & Morsella, E. (2025). *Mary Had a Little... : Stimulus-Elicited Involuntary Musical Imagery*. Retrieved from *PsyArXiv*, https://osf.io/preprints/psyarxiv/w9e2r_v1

SELECTED POSTER PRESENTATIONS

110. **Brauer, S., Shettigar, D., Chilton, S., & Morsella, E.** (2024, May 23). Habituation of Stimulus-Elicited Involuntary Cognitions: Implications for Psychopathology. Poster Session 3. Annual Convention for the Association for Psychological Science, San Francisco, CA.
109. **Pathak, S., Lopez-Carreno, J. M., Morsella, E.** (2024, May). Challenges to Executive Function: Attentional Capture and High-Level Conditional Discriminations. Annual Meeting of the Association for Psychological Science Annual Convention, San Francisco, CA.
108. **Taylor, C. A., Morsella, E.** (2024). Urges during Impulse Control: Implications for Motivation Science. Annual Meeting of the Association for Psychological Science, San Francisco, CA.
107. **Huh, A., Morsella, E., & Brauer, S.** (2025). Linking Targeted, Spontaneous Thoughts to Verbal Labels: Implications for Clinical Interventions. Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.
106. **Wieczorek, N. E., Kong, F., Morsella, E., & Geisler, M.** (2024). In-Between Resting States Predicting Future Cognitions: An EEG Study. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
105. **Pathak, S., Lopez-Carreno, J.M., & Morsella, E.** (2024). Challenges to Executive Function: Attentional Capture and High-Level Conditional Discriminations. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
104. **Taylor, C. A., & Morsella, E.** (2024). Urges During Impulse Control: Implications for Motivation Science. Poster presented at the Annual Convention of the Association for Psychological Science Annual Convention, San Francisco.
103. **Brauer, S., Wieczorek, N., Bueno, J., Panlilio, Z., Velasquez, A. G., & Morsella, E.** (2023). Stimulus-elicited involuntary cognitions: Response conflict, habituation, and word-frequency effects. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.

102. **Elsabbagh, T., Wright-Wilson, L., Brauer, S., & Morsella, E.** (2023). The habituation of higher-order conscious processes: Evidence from mental arithmetic. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
101. **Kong, F., Lambert, D., Li, Y., Morsella, E., & Geisler, M.** (2023). EEG of mental imagery elicited by distractors in the flanker task. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
100. **Wright-Wilson, L., Kong, F., Renna, J., Geisler, M. W., & Morsella, E.** (2022). During action selection, consciousness represents selected actions, unselected actions, and involuntary memories. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
99. **Brauer, S., Elsabbagh, T., Lambert, D., Bhangal, S., & Morsella, E.** (2022). Habituation of stimulus-elicited involuntary cognitions: Implications for neuroimaging and psychopathology. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
98. **Li, Y., Lambert, D., Daly, E., & Morsella, E.** (2021). Involuntary mental imagery elicited by distractors in a flanker task. Poster presented at the Annual Convention of the Association for Psychological Science.
97. **Lambert, D., Wong, C. Y., & Morsella, E.** (2020). Habituation of involuntary imagery as a function of stimulus threat and frequency. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Boston.
96. **Heredia Cedillo, A., Wong, C. Y., Morsella, E., & Geisler, M. W.** (2020). Effects of action priming on involuntary imagery in the reflexive imagery task. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Boston.
95. **Li, Y., Bui, N-C. T., Yankulova, J. K., & Morsella, E.** (2020). The influence of external stimuli on the generation of random thoughts. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
94. **Cook, A. J., Dou, W., Morsella, E., & Geisler, M. W.** (2019). EEG correlates of involuntary cognitions from external control. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
93. **Velasquez, A. G., Gazzaley, A., Toyoda, H., & Morsella, E.** (2019). Stimulus-elicited involuntary imagery in semi-automated driving: Implications for neuroscience. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
92. **Velasquez, A. G., Gazzaley, A., Toyoda, H., & Morsella, E.** (2018). Flanker-like effects in the wild: Stimulus-elicited involuntary imagery in semi-automated driving. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
91. **Yankulova, J. K., Bui, N-C. T., & Morsella, E.** (2018). Involuntary insight, judgments, and syntactic processing and their experimentally-controlled determinants. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
90. **Walker, E. B., Li, Yanming, Gardner, K., Wong, C. Y., & Morsella, E.** (2018). Involuntary high-level attentional shifts as a function of set and processing fluency. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
89. **White, N. A., Velasquez, A. G., & Morsella, E.** (2018). Mary had a little... : Involuntary music imagery and memory retrieval. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
88. **Zacher, L. M., Dou, W., & Morsella, E.** (2018). External control of conscious thoughts by brand symbols. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.

87. **Cedillo, A. H., Cook, A. J.,** Morsella, E., & Geisler, M. W. (2018). Determinants of involuntary imagery: Accessibility, motor priming, and pop-out effects. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
86. **Dou, W., Bhangal, S., Cho, H., Allen, A. K., Reyes, Z.,** Morsella, E., & Geisler, M. W. (2017). External control of the stream of consciousness: An EEG study. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
85. **Walker, E. B., Renna, J., Gardner, K.,** Geisler, M. W., & Morsella, E. (2017). External control of high-level processing: Involuntary counting, verbal imagery, and attentional shifts. Poster presented at the Annual Convention of the Association for Psychological Science, Boston.
84. **Bui, N. C. T., Ghafur, R. D., Yankulova, J. K.,** & Morsella, E. (2017). Are spontaneous thoughts out-of-the-blue? Stimulus-elicited involuntary insights and syntactic processing. Poster presented at the Annual Convention of the Association for Psychological Science, Boston.
83. **Reyes, Z., Yankulova, J. K.,** Yoo, S. H., & Morsella, E. (2017). Resilience and involuntary processing of valenced stimuli: The factor of approach/avoidance orientation. Poster presented at the Annual Convention of the Association for Psychological Science, Boston.
82. **Renna, J., Dou, W., Bhangal, S.,** Geisler, M. W., & Morsella, E. (2017). Automatic counting and involuntary polymodal imagery (involving olfaction, audition, touch, taste, and vision). Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
81. **Cushing, D.,** & Morsella, E. (2017). Involuntary mental rotation and visuospatial imagery from external control: Implications for frontal control mechanisms. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
80. **Pfeifer, K.,** Morsella, E., & Geisler, M. W. (2016). Associative processing within creative individuals using the N400. Poster presented at the Northern California Consciousness Conference, University of California, Davis.
79. **Lujan, C.,** Morsella, E., & Geisler, M. W. (2016). Post-traumatic stress disorder: Expecting the worst. Poster presented at the Northern California Consciousness Conference, University of California, Davis.
78. **Velasquez, A. G.,** & Morsella, E. (2016). A new flanker variant involving still more contextual-sensitivity: Implications for psychopathological research. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
77. **Dou, W., Cho, H., Velasquez, A. G.,** Geisler, M. W., & Morsella, E. (2016). Cognitive biases and involuntary cognitions in at-risk populations. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
76. **Cushing, D.,** & Morsella, E. (2016). The polymodal role of consciousness in adaptive action selection: A paradigm for neuroimaging. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, New York.
75. **Bhangal, S., Garcia, A. C., Velasquez, A. G.,** Geisler, M. W., & Morsella, E. (2016). Working memory-based action control: An interference paradigm for neuroimaging. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, New York.
74. **Bhangal, S., Allen, A. K.,** & Morsella, E. (2015). Habituation effects on involuntary cognitions: Evidence from the Reflexive Imagery Task. Poster presented at the Annual Convention of the Association for Psychological Science, New York.
73. **Cho, H., Zarolia, P., Velasquez, A.,** & Morsella, E. (2015). Cognitive- versus emotion-based involuntary cognitions: An informative contrast for the reflexive imagery task. Poster

- presented at the Annual Convention of the Association for Psychological Science, New York.
72. **Merrick, C., Jantz, T. K.,** Morsella, E., & Geisler, M. W. (2015). Further evidence of event-related alpha synchronization as inhibitory control during a working memory task. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 71. **Cho, H., Bhangal, S., Allen, A. K., Zarolia, P.,** & Morsella, E. (2015). Cognitive- versus emotion-based involuntary cognitions: Frontal control and habituation effects. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 70. **Krisst, L. C., Chen, P-W.,** Morsella, E., & Geisler, M. (2014). *Revisiting Libet's paradigm: Decision time and the influence of automaticity on time perception.* Poster presented at the Northern California Consciousness Conference, UC Davis.
 69. **Bhangal, S., Merrick, C., Farnia, M., Jantz, T. K.,** & Morsella, E. (2014). *External control of the stream of consciousness: Stimulus-based effects of involuntary thought sequences.* Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.

 68. **Merrick, C., Jantz, T. K.,** Morsella, E., & Geisler, M. W. (2014). *EEG correlates of spontaneous imagery during working memory rehearsal.* Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.

 67. **Allen, A. K., Chen, P-W.,** & Morsella, E. (2014). *Consciousness and the flanker task: Task-set rehearsal and subliminal flankers.* Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.

 66. **Krisst, L. C., Chen, P-W.,** Morsella, E., & Geisler, M. (2014). *Revisiting Libet's paradigm: EEG of response uncertainty and effects of action on temporal perception.* Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.

 65. **Cho, H., Allen, A. K., Godwin, C. A.,** Montemayor, C., & Morsella, E. (2014). *Thought stopping through sustained imagery: Involuntary subvocalizations and the sense of agency.* Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco.
 64. **Garcia, A. C.,** Geisler, M. W., & Morsella, E. (2014). *Response interference during working memory-based action control: A new interference paradigm for neuroimaging.* Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Boston.
 63. **Allen, A. K., Merrick, C., Wilkins, K.,** & Morsella, E. (2013). *The reflexive imagery task: Unintentional imagery despite extensive training and voluntary set selection.* Poster presented at the Annual Meeting of the Association for the Scientific Study of Consciousness, San Diego.
 62. **Krisst, L. C., Allen, A. K., Lanska, M.,** & Morsella, E. (2013). *Subliminal priming of spontaneously experienced memories.* Poster presented at the Annual Meeting of the Association for the Scientific Study of Consciousness, San Diego.
 61. **Merrick, C., Cooper, S., Jantz, T. K.,** & Morsella, E. (2013). *Working memory based action control: Increased refreshing rate in the face of interference.* Poster presented at the Annual California Cognitive Science Conference, Berkeley.
 60. **Allen, A. K., Wilkins, K., Merrick, C.,** & Morsella, E. (2013). *The reflexive imagery task: A new, robust paradigm for neuroimaging.* Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 59. **Chen, P-W., Allen, A. K.,** Montemayor, C., & Morsella, E. (2013). *Perceptual conflict over time and between modalities: Comparing bistable percepts and intersensory illusions.* Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 58. **Samaha, J., Lynn, M. T., Jantz, T. J.,** Morsella, E., & Geisler, M. W. (2013). *Still searching for the phonological store: EEG correlates implicating motor and perceptual regions.* Poster

- presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
57. **Krisst, L. C., Robinson, M. M., & Morsella, E.** (2013). *Revisiting Libet's studies: Effect of volition on time perception and response interference*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 56. **Godwin, C. A., Garcia, A. C., Morsella, E., & Geisler, M. W.** (2013). *EEG correlates of spontaneous thoughts triggered by external stimuli and stimulus-independent cognitions*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
 55. **Samaha, J. M., Morsella, E., Geisler, M. W.** (2012). *Motor aspects of auditory imagery: Evidence for a Broca's area network*. Poster presented at the Annual Convention of the Association for the Scientific Study of Consciousness, Brighton, UK.
 54. **Godwin, C. A., Geisler, M. W., & Morsella, E.** (2012). *EEG correlates of spontaneous thoughts and their introspection-based psychic determinants*. Poster accepted for presentation at the Bay Area Memory Meeting, Davis, California.
 53. **Krisst, L. C., & Morsella, E.** (2012). *Introspections about visual sensory memory during the classic Sperling iconic memory task*. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
 52. **Jantz, T., Tomory, J. J., Schweiger, E. B., & Morsella, E.** (2012). *Subjective and behavioral effects of external distractors on items in working memory*. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
 51. **Godwin, C. A., Hubbard, J., Schweiger, E., McBride, A., & Morsella, E.** (2012). *Subjective effects in a response-effect compatibility paradigm with subliminal distractors*. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
 50. **Chen, P-W., Jantz, T. K., Cooper, S., & Morsella, E.** (2012). *Action set from training-based versus working memory-based knowledge: Subjective and performance effects*. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
 49. **McBride, A., Godwin, C. A., Montemayor, C., Geisler, M. W., & Morsella, E.** (2012). *The phenomenal self: Introspections about the internal observer and origins of thoughts*. Poster presented at the Annual Convention of the Association for Psychological Science, Chicago.
 48. **Tomory, J., Jantz, T., & Morsella, E.** (2012). *Disturbing working memory: Rehearsal, imagery, and latency effects from external distractors*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Chicago.
 47. **Cooper, S., Dennehy, T. C., & Morsella, E.** (2012). *Action and Consciousness: Entry into awareness from behavioral inclinations and perceptual motor resonance*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Chicago.
 46. **Godwin, C. A., McBride, A., Montemayor, C., Geisler, M. W., & Morsella, E.** (2012). *Phenomenology of the stream of consciousness: Introspections about thoughts and the internal observer*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, Chicago.
 45. **Greenberg, Z. I., Morsella, E., & Paap, K. R.** (2012). *The subjective aspects of processing incompatible speech intentions*. Annual Meeting of the Western Psychological Association, San Francisco.
 44. **Cooper, S., Jantz, T., Hubbard, J., & Morsella, E.** (2012). *The limits of self-control: Susceptibility of goal-related representations to externally-triggered distraction*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Diego.
 43. **Godwin, C. A., & Morsella, E.** (2012). *The history of a thought: Introspection-based 'psychic determinants' of spontaneous thought*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Diego.
 42. **Robinson, M. M., & Morsella, E.** (2012). *The subjective cost of everyday thinking (comparing, attending, and choosing): Implications for social cognition research*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Diego.
 41. **Simpson, B., Matsumoto, D., Morsella, E., & Olide, A.** (2012). *On the functional activation of emotions in goal pursuit*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Diego.

40. **McBride, A., Lanska, M., & Morsella, E.** (2011). *Subliminal and task-related determinants of spontaneously-experienced autobiographical memory*. Poster presented at the Annual Convention of the Association for Psychological Science, Washington, D.C.
39. **Hubbard, J., Godwin, C., Sigman, M., & Morsella, E.** (2011). *The cost of consciousness: The processing of simultaneous subliminal and supraliminal stimuli*. Poster presented at the Annual Convention of the Association for Psychological Science, Washington, D.C.
38. **Zarolia, P., Jantz, T., Hubbard, J., & Morsella, E.** (2011). *Beyond the flanker task: Interference from incentivized distracters, anticipated action-effects, and refreshed representations*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
37. **Bedo, N., Lynn, M. T., Morsella, E., & Geisler, M. W.** (2011). *Neural components of conscious and unconscious conflict: An EEG study*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
36. **Dennehy, T. C., & Morsella, E.** (2011). *Entry into attentional awareness as a function of top-down action-related activation versus bottom-up perceptual salience*. Poster presented at the Annual Convention of the Society for Cognitive Neuroscience, San Francisco.
35. **Dennehy, T. C., Hubbard, J., & Morsella, E.** (2011). *Nisbett and Wilson (1977) revisited: The little that we can know and can tell*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Antonio, Texas.
34. Morsella, E., **Jantz, T., & Tomory, J. J.** (2011). *Subjective and agency-related effects of controlled versus automatic processing: A quantitative review*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Antonio, Texas.
33. **Hubbard, J., Molapour, T., Dennehy, T. C., & Morsella, E.** (2011). The subjective consequences of experiencing random events. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Antonio, Texas.
32. **Hubbard, J., Morsella, E., Rigby, T., & Gazzaley, A.,** (2010). *Inter-representational dynamics: endogenously-generated representations in working memory yield the interference effects found with external stimuli*. Poster presented at the California Cognitive Science Conference, Berkeley, CA.
31. **Molapour, T., Berger, C. C., Dennehy, T. C., & Morsella, E.** (2010). *Awareness during cognitive conflict: Double blindness and introspections about speed of processing*. Poster presented at the Annual Convention of the Association for Psychological Science, Boston, Massachusetts.
30. **Dennehy, T. C., & Morsella, E.** (2010). *Doing is for perceiving: Does causal action influence entry into attentional awareness?* Poster presented at the Annual Convention of the Association for Psychological Science, Boston, Massachusetts.
29. **Hubbard, J., Lynn, M. T., & Morsella, E.** (2010). *Internally-generated representations yield the facilitation and interference effects found with external stimuli*. Poster presented at the Annual Convention of the Association for Psychological Science, Boston, Massachusetts.
28. **Berger, C. C., Lynn, M. T., Riddle, T. A., & Morsella, E.** (2010). *The 'what' of doing: Lay perceptions of action and illusory intentions to act*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, Las Vegas, Nevada.
27. **Lanska, M., Ben-Zeev, A., & Morsella, E.** (2010). *Future action influences the content of spontaneous autobiographical memory: A new paradigm*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, Las Vegas, Nevada.
26. **Molapour, T., Lynn, M. T., Zarolia, P., Riddle, T. A., & Morsella, E.** (2010). *Valence from conflict: Its influence on likeability of perceptible and subliminal stimuli*. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, Las Vegas, Nevada.
25. **Luong, H. N., Morsella, E., & Paik, J. H.** (2010). *Giving children a prefrontal cortex: Maintaining 'set' through external cues*. Poster presented at the Western Psychological Association Annual Convention, Cancun, Mexico.
24. **Luong, H. N., Paik, J. H., & Morsella, E.** (2010). *Giving children a prefrontal cortex: Using environmental stimulus to supplant existing interference*. Paper presented at the 17th International Conference on Learning, Hong Kong, China.
23. **Rigby, T., & Morsella, E.** (2009). *Metacognition without the cognition: Subjective effects of interference from subliminal stimuli and prospective memory*. Presented at the Annual Psi Chi Conference at San Francisco State University.
22. **Cigarchi, S., & Morsella, E.** (2009). *Subjective fatigue, self-regulation, and mental rotation*. Western Psychological Association Annual Convention. Portland, Oregon.

21. **Zarolia, P.,** & Morsella, E. (2009). *The role of indirect cognitive control in activating affective/incentive states*. Western Psychological Association Annual Convention. Portland, Oregon.
20. Larson, L. R. L., Morsella, E., & Bargh, J. A. (2009). *Mental modes: Expertise priming influences behavioral dispositions in expertise-unrelated contexts*. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, California.
19. **Rigby, T.,** & Morsella, E. (2009). *Conscious of conflict, but not of the triggering stimuli*. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, California.
18. **Lanska, M., Rigby, T.,** & Morsella, E. (2009). *The forward-looking bias of the mind/brain: How future tasks breed intrusive cognitions*. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, California.
17. **Cigarchi, S., Zarolia, P.,** & Morsella, E. (2009). *How different modes of cognitive control influence affective/incentive states*. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, California.
16. **Berger, C. C.,** Bargh, J. A., & Morsella, E. (2009). *Perturbing metacognition: Tip-of-the-tongue state contagion and the urge fan effect*. Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, California.
15. **Riddle, T. A.,** & Morsella, E. (2009). *Is that me? Authorship processing as a function of intra-psychic conflict*. Poster presentation at the Annual Convention of the Association for Psychological Science, San Francisco, California.
14. **Rigby, T., Riddle, T. A., Berger, C. C.,** & Morsella, E. (2009). *Conscious of conflict but not of the eliciting stimulus: Implications for the neuroscience of cognitive control*. Poster presentation at the Annual Convention of Cognitive Neuroscience, San Francisco, California.
13. **Lanska, M., Rigby, T.,** & Morsella, E. (2009). *The prospective brain: How future actions breed intrusive cognitions and interfere with current tasks*. Poster presentation at the Annual Convention of Cognitive Neuroscience, San Francisco, California.
12. **Rigby, T., Acosta, K.,** & Morsella, E. (2009). *Does conscious conflict require awareness of the triggering stimulus? Implications for social cognition research*. Poster presentation at the Annual Convention of the Society for Personality and Social Psychology, Tampa, Florida.
11. **Berger, C. C.,** Wilson, L. E., Bargh, J. A., & Morsella, E. (2009). *Cognitive dynamics underlying the subjective aspects of self-control*. Poster presentation at the Annual Convention of the Society for Personality and Social Psychology, Tampa, Florida.
10. **Riddle, T. A.,** & Morsella, E. (2009) *Is that me? The influence of subjective conflict on authorship processing*. Poster presentation at the Annual Convention of the Society for Personality and Social Psychology, Tampa, Florida.
9. **Lanska, M.,** Morsella, E., Ben-Zeev, A., and Bargh, J. A. (2009). *The spontaneous thoughts of the night: How future action breeds intrusive cognitions*. Poster presentation at the Annual Convention of the Society for Personality and Social Psychology, Tampa, Florida.
8. Kang, Y. N., Morsella, E., Shamosh, N. A., Bargh, J. A., Gray, J. R. (2008). *The essence of subjective conflict during self-control: Neural correlates of sustaining incompatible intentions*. Proceeding of the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
7. Larson, L. R. L., Morsella, E., & Bargh, J. A. (2008). *Mental modes: Direct effects of expertise-based priming on action*. Poster presented at the Judgment and Decision-Making Preconference at the Annual Convention of the Society for Personality and Social Psychology, Albuquerque, New Mexico.
6. Morsella, E., Honhongva, M. K., & Bargh, J. A. (2007). *On the function of consciousness: The subjective consequences of priming conflicting actions*. Poster presented at the Annual Convention of the Society for Experimental Social Psychology, Memphis, Tennessee.
5. Morsella, E., Gray, J. R., Levine, L. R., & Bargh, J. A. (2006). *On the function of consciousness: The subjective experience of incompatible intentions*. Poster presented at the 18th Annual Convention of the American Psychological Society, New York City.
4. Morsella, E. (2004). *The cognitive role of conscious states: Supramodular interaction theory (SIT)*. Poster presented at the 15th Annual Convention of the American Psychological Society, Chicago, Illinois.
3. Morsella, E., Romero, R., Halim, J., & Krauss, R. M. (2003). *Judging social identity from voice and photograph*. Poster presented at the Fourth Meeting of the Society for Personality and Social Psychology, Los Angeles, California.

2. Camacho, C. J., Higgins, E. T., & Morsella, E. (2001). *The mere categorization effect: A little knowledge is a dangerous thing*. Presented as a “Hot Topic” talk at the 13th Annual Convention of the American Psychological Society, Montreal, Canada.
1. Morsella E., & Krauss, R. M. (1999). *Electromyography of arm during the lexical retrieval of abstract and concrete words*. Poster presented at the Annual Convention of the Society for Psychophysiology, Granada, Spain. *Psychophysiology*, 36, S82-S82.

EDITORIAL ACTIVITIES

Invited editor for *Consciousness and Action Control*, a special issue of the journal, *Frontiers in Psychology*. The issue contained 18 articles. Apart from my work as editor for this special issue, I served as editor for several manuscripts for *Frontiers in Psychology*.

Ad hoc editorial reviewer for the journals:

Science

Behavioral and Brain Sciences (5 target articles, last review 2/17/2024)
Proceedings of the National Academy of Sciences (3 articles, last review 9/6/2019)
Psychological Review (2 manuscripts)
Journal of Cognitive Neuroscience (4 manuscripts, last review 11/20/2012)
Psychological Science (6 manuscripts, last review 10/5/2014)
Perspectives on Psychological Science (3 manuscripts, last review 7/26/2025)
Trends in Cognitive Sciences (last review 3/23/2016)
Journal of Experimental Psychology: General (4 manuscripts, last review 1/27/2017)
J. of Experimental Psychology: Human Perception and Performance (2 papers, last review 1/29/2014)
Journal of Experimental Psychology: Learning, Memory, & Cognition (2 manuscripts, last review 7/23/18)
Cognitive, Affective, and Behavioral Neuroscience (3 manuscripts, last review 10/20/2013)
Consciousness and Cognition (11 manuscripts, last review 4/2/2026)
Neurocase (3 manuscripts)
Cognition (5 manuscripts)
Visual Cognition
Vision Research (1 manuscript, 8/6/2026)
Memory & Cognition (1 manuscript, 11/4/2024)
Frontiers in Psychology (19 manuscripts, last review 9/22/2025)
Experimental Brain Research
Current Directions in Psychological Science
Language and Cognitive Processes
Cognitive Science (4 manuscripts, last review 1/10/2020)
Emotion (2 manuscripts, last review 1/9/2018)
Emotion Review (1 manuscript, last review on 7/21/2022)
Metacognition and Learning (1 manuscript, last review 4/5/2020)
Biological Psychology
Journal of Mind and Behavior (1 manuscript, last review 4/1/2015)
New Ideas in Psychology
Mens Sana Monographs
Psychonomic Bulletin and Review (6 manuscripts, last review 7/26/2025)
Social Cognition (6 manuscripts, last review 4/13/2014)
British Journal of Social Psychology
Social and Personality Psychology Compass
Personality and Social Psychology Review (2 manuscripts)
Acta Paediatrica
Personality and Social Psychology Bulletin
Journal of Personality and Social Psychology (3 manuscripts)
Organization Behavior and Human Decision Processes
Psychological Research (3 manuscripts, last review 6/2015)
PLoS One (2 manuscripts)
Frontiers in Neuroscience
Journal of Cognitive Education and Psychology

Brain Sciences
Philosophical Psychology (2 manuscript, last review 10/30/2016)
Philosophical Transactions B
Journal of Applied Research in Memory and Cognition
Motivation Science (last review 12/12/2016)
Psychological Reports

REFERENCES

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Roy Baumeister, Dept. of Psychology, Florida State University: email: baumeister@psy.fsu.edu
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Adam Gazzaley, Dept. of Neurology, U. of California, San Francisco: email: adam.gazzaley@ucsf.edu
Mark W. Geisler, Dept. of Psychology, San Francisco State University: email: mgeisler@sfsu.edu
Robert M. Krauss, Dept. of Psychology, Columbia University: email: rmk@psych.columbia.edu

GRANT ACTIVITY

2017-2018: Contract: Sponsor: Toyota Motor Company. Project: "Optimal response-signaling in the 'closed loop' between driver and vehicle in semi-automated driving" (\$151,929).

Apart from the NIH NRSA Postdoctoral Fellowship, "A Process Model of Automatic Social Behavior" (MH069083, score in top 1.2 percentile), as an Assistant Professor Dr. Morsella applied for multiple NSF (Career Award & RUI), NIMH (NRSA & R21), NIDA, Mind Science Foundation, and SOMA external grants. One NSF Career Award proposal received three "Excellents" and one "Very Good."

GRANT AND OTHER REVIEWER SERVICES

Ad hoc proposal reviewer for:
National Institutes of Health, Early Career Reviewer for the Center for Scientific Review (two proposals)
National Science Foundation (three times, including Division of Perception and Action)
Brain and Cognition (Netherlands)
Netherlands Organisation for Scientific Research (NWO)
The Danish Council for Independent Research
The Mindscience Foundation
Isreal Science Foundation
US-Israel Binational Science Foundation
European Research Council (ERC)

Served on a dissertation committee for the University of Copenhagen (May 30, 2013), which involved being physically present at the doctoral defense. In addition, on three occasions, served as an external reviewer for the appointment of faculty members at University of California, Davis (once), and University of California, San Francisco (twice).

CURRENT AND PREVIOUS OFFICIAL APPOINTMENTS

<i>Dates</i>	<i>Position</i>	<i>Institution</i>
2018-	Professor	San Francisco State University
2012 -	Associate Professor	San Francisco State University
2007 -	Assistant Professor	San Francisco State University
2008 - 2026	Asst. Adjunct Professor	University of California, San Francisco
2005 - 2007	Postdoctoral Associate	Yale University
2003 - 2005	Postdoctoral Fellow	Yale University
2002 - 2003	Research Associate	Human Communication Laboratory at Columbia
2002 - 2003	Adjunct Professor	Columbia University
2002 - 2003	Adjunct Assistant Professor	Barnard College, Columbia University
2000 - 2001	Rapporteur	<i>Language and Cognition Seminar</i> at Columbia
1997 - 2002	Doctoral Fellow	Columbia University Psychology Department

TEACHING EXPERIENCE AS ADJUNCT PROFESSOR

<i>Dates</i>	<i>Course</i>	<i>Institution</i>
April 30 & May 5, 2008	Lectures on language and the brain	UC, San Francisco
Spring 2003	Cognition: Basic Processes	Columbia University
Fall & Spring 2002	Introduction to Psychology	Barnard College
Summer 2002	Seminar in Language & Communication	Columbia University
Summer 2002 & 2003	Science of Psychology	Columbia University
Fall 1999 – 2002	Principles of Psychology (for the <i>Science Honors Program</i>)	Columbia University
Fall 1996	Introduction to Logic (as substitute instructor for a semester)	Miami-Dade Community College

TEACHING EXPERIENCE AS TEACHING ASSISTANT AT COLUMBIA UNIVERSITY

Spring 2002	Cognition: Basic Processes
Fall 2001	Language and the Brain
Spring 2001	Human Communication
Fall 1997 & 1999	The Science of Psychology

TEACHING INTERESTS

Cognitive Neuroscience, Experimental Methods, Conscious versus Unconscious Processing, Cognition, History of Psychology, Psycholinguistics & Neurolinguistics, Language and Communication, Principles of Scientific Psychology (Introduction to Psychology)

PROFESSIONAL AFFILIATIONS

Society for General Psychology (American Psychological Association, Division 1)
Association for Psychological Science
Association for the Scientific Study of Consciousness
Psychonomic Society
Phi Beta Kappa, Phi Kappa Phi, Psi Chi